

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025461.D
 Acq On : 18 Aug 2025 14:50
 Operator : CG/JU
 Sample : Q2877-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-08142025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025461.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB	59712	88414	2.09%	0.200%
2	3.043	13	18	29	rVB	156802	233256	5.51%	0.527%
3	4.949	337	342	347	rBV	42702	59535	1.41%	0.135%
4	5.408	413	420	429	rBV	413921	606190	14.32%	1.370%
5	6.961	677	684	692	rBV	402578	687766	16.25%	1.555%
6	7.784	817	824	831	rBV	623145	1018686	24.06%	2.303%
7	8.325	911	916	923	rBV4	24102	59340	1.40%	0.134%
8	8.425	928	933	939	rBV2	36902	72904	1.72%	0.165%
9	8.784	989	994	1001	rVB	27727	55401	1.31%	0.125%
10	8.884	1001	1011	1013	rBV3	70369	144740	3.42%	0.327%
11	8.925	1013	1018	1023	rVV	260857	441297	10.42%	0.998%
12	9.007	1024	1032	1036	rVB2	69893	142755	3.37%	0.323%
13	9.131	1049	1053	1059	rVB6	59304	111511	2.63%	0.252%
14	9.207	1061	1066	1070	rBV2	29633	56874	1.34%	0.129%
15	9.413	1095	1101	1105	rBV2	26481	57656	1.36%	0.130%
16	9.454	1105	1108	1112	rBV	42361	62706	1.48%	0.142%
17	9.654	1131	1142	1146	rBV5	36380	89245	2.11%	0.202%
18	9.702	1146	1150	1154	rVV4	39580	58935	1.39%	0.133%
19	9.754	1154	1159	1167	rVV5	56029	140479	3.32%	0.318%
20	9.913	1180	1186	1190	rBV4	52405	97826	2.31%	0.221%
21	9.966	1190	1195	1201	rVV3	80747	162220	3.83%	0.367%
22	10.025	1202	1205	1211	rVB2	62862	99912	2.36%	0.226%
23	10.107	1214	1219	1222	rBV2	38794	79820	1.89%	0.180%
24	10.149	1222	1226	1230	rVV6	38212	64356	1.52%	0.145%
25	10.196	1230	1234	1240	rVB	42597	78571	1.86%	0.178%
26	10.260	1240	1245	1249	rBV	44659	77035	1.82%	0.174%
27	10.554	1286	1295	1301	rBV	893786	1656866	39.14%	3.746%
28	10.678	1312	1316	1320	rVB2	34631	57822	1.37%	0.131%
29	10.725	1320	1324	1328	rVB2	78523	104429	2.47%	0.236%
30	10.778	1329	1333	1341	rBV6	41089	73617	1.74%	0.166%
31	10.925	1351	1358	1361	rBV5	29732	66951	1.58%	0.151%
32	10.972	1362	1366	1370	rVV7	46441	106136	2.51%	0.240%
33	11.019	1371	1374	1376	rVV3	49729	73469	1.74%	0.166%
34	11.054	1376	1380	1388	rVV4	69081	142884	3.37%	0.323%
35	11.131	1388	1393	1397	rVV5	42223	87778	2.07%	0.198%
36	11.178	1398	1401	1404	rVV4	38522	58843	1.39%	0.133%

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.260	1404	1415	1422	rVV4	73852	280255	6.62%	0.634%
38	11.325	1422	1426	1432	rVV4	43127	85045	2.01%	0.192%
39	11.396	1433	1438	1443	rVV4	58233	107884	2.55%	0.244%
40	11.478	1445	1452	1459	rVB7	58908	163357	3.86%	0.369%
41	11.590	1465	1471	1479	rBV4	129005	347812	8.22%	0.786%
42	11.743	1492	1497	1505	rVB3	103495	174118	4.11%	0.394%
43	11.978	1532	1537	1547	rBV2	174794	318282	7.52%	0.720%
44	12.096	1552	1557	1563	rVB3	63173	134131	3.17%	0.303%
45	12.460	1615	1619	1624	rVB2	105563	170245	4.02%	0.385%
46	12.719	1659	1663	1669	rBV10	44878	89714	2.12%	0.203%
47	12.884	1687	1691	1694	rBV2	64705	106949	2.53%	0.242%
48	12.937	1695	1700	1705	rVV4	214627	357535	8.44%	0.808%
49	13.007	1705	1712	1718	rVV	658513	1056784	24.96%	2.389%
50	13.219	1743	1748	1755	rVB2	241957	398662	9.42%	0.901%
51	13.331	1761	1767	1771	rBV3	79509	157076	3.71%	0.355%
52	13.543	1800	1803	1806	rBV5	46530	70045	1.65%	0.158%
53	13.760	1836	1840	1843	rBV4	73607	97965	2.31%	0.221%
54	13.884	1857	1861	1865	rVB2	121874	175908	4.15%	0.398%
55	14.101	1894	1898	1903	rBV3	62408	119955	2.83%	0.271%
56	14.237	1919	1921	1927	rVB4	50567	72259	1.71%	0.163%
57	14.301	1927	1932	1937	rBV	286841	390838	9.23%	0.884%
58	14.390	1940	1947	1954	rVV	1219794	1952518	46.12%	4.414%
59	14.460	1955	1959	1963	rVB2	67031	106720	2.52%	0.241%
60	14.866	2025	2028	2033	rVB3	58843	75310	1.78%	0.170%
61	14.925	2035	2038	2045	rVB4	99884	172688	4.08%	0.390%
62	15.266	2092	2096	2101	rVB	266267	330094	7.80%	0.746%
63	15.454	2124	2128	2132	rBV2	115682	162328	3.83%	0.367%
64	15.684	2160	2167	2172	rBV	121696	239163	5.65%	0.541%
65	15.766	2177	2181	2187	rVB3	111865	208596	4.93%	0.472%
66	15.831	2189	2192	2197	rBV3	40678	75263	1.78%	0.170%
67	15.895	2198	2203	2212	rVB	601428	877512	20.73%	1.984%
68	16.148	2242	2246	2249	rBV	268264	365898	8.64%	0.827%
69	16.172	2249	2250	2259	rVB	166822	180835	4.27%	0.409%
70	16.960	2380	2384	2387	rVV	154448	185520	4.38%	0.419%
71	17.013	2388	2393	2402	rVB2	127356	268409	6.34%	0.607%
72	17.189	2417	2423	2427	rBV	1330328	2134320	50.41%	4.825%
73	17.231	2427	2430	2435	rVB	832396	1166723	27.56%	2.637%
74	17.319	2441	2445	2452	rVB	261645	407082	9.62%	0.920%
75	17.731	2510	2515	2519	rBV	156291	199183	4.70%	0.450%
76	17.895	2538	2543	2549	rBV3	139965	231045	5.46%	0.522%

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77	18.101	2574	2578	2580	rBV	93095	125699	2.97%	0.284%
78	18.136	2580	2584	2591	rVB2	497316	843732	19.93%	1.907%
79	18.230	2597	2600	2606	rVB2	72039	95713	2.26%	0.216%
80	18.295	2606	2611	2616	rBV2	203609	357826	8.45%	0.809%
81	18.454	2634	2638	2642	rVB	130695	161173	3.81%	0.364%
82	18.566	2653	2657	2660	rBV2	75166	115028	2.72%	0.260%
83	18.613	2662	2665	2669	rVV	75364	99576	2.35%	0.225%
84	19.048	2735	2739	2743	rBV3	81485	133559	3.15%	0.302%
85	19.095	2743	2747	2749	rBV	345606	438027	10.35%	0.990%
86	19.125	2749	2752	2756	rVB2	307813	395301	9.34%	0.894%
87	19.189	2761	2763	2770	rVB5	60095	92937	2.20%	0.210%
88	19.266	2772	2776	2779	rBV2	87094	100546	2.37%	0.227%
89	19.319	2779	2785	2802	rBV	2176487	4233705	100.00%	9.571%
90	19.466	2806	2810	2816	rBV3	265805	454077	10.73%	1.026%
91	19.695	2840	2849	2859	rBV	1340132	2677677	63.25%	6.053%
92	19.919	2879	2887	2897	rVB	1207292	1856514	43.85%	4.197%
93	20.219	2935	2938	2943	rVB	235205	328020	7.75%	0.742%
94	20.272	2945	2947	2951	rVV2	84341	91802	2.17%	0.208%
95	20.319	2952	2955	2960	rVV	227445	298369	7.05%	0.674%
96	21.636	3172	3179	3184	rBV2	1726388	3931439	92.86%	8.887%
97	21.689	3184	3188	3198	rVB	680291	1138096	26.88%	2.573%
98	23.948	3566	3572	3579	rBV	535283	1461701	34.53%	3.304%
99	24.848	3719	3725	3734	rVB	447858	1136231	26.84%	2.569%
100	25.001	3744	3751	3758	rVB	919995	2179175	51.47%	4.926%

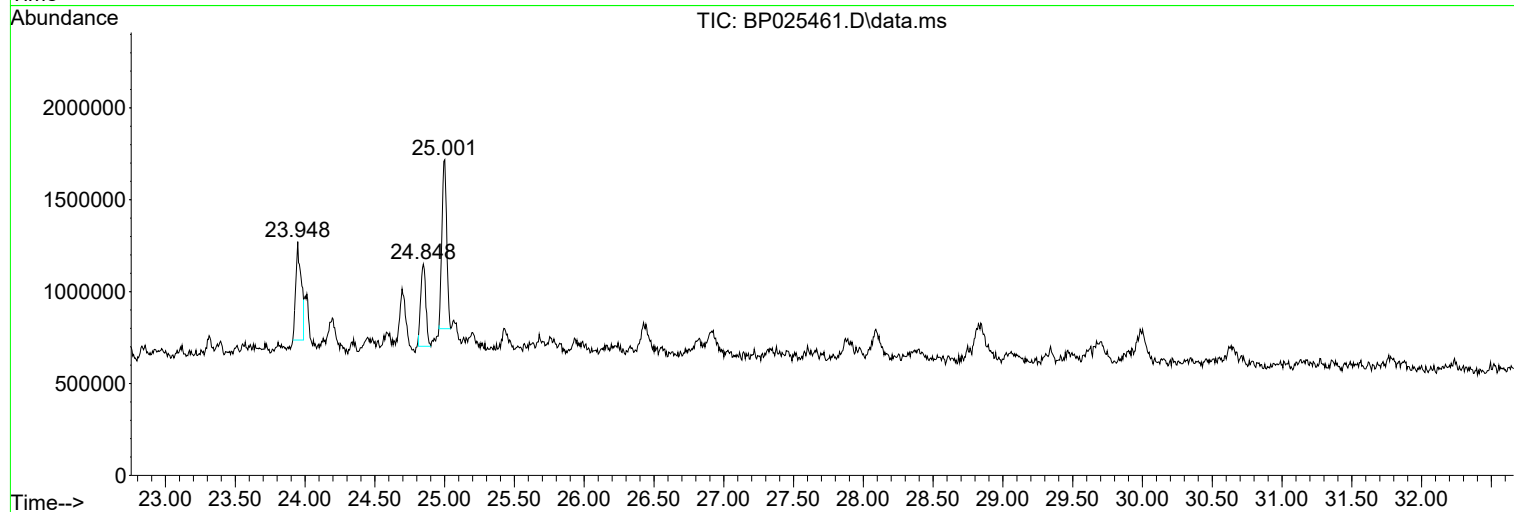
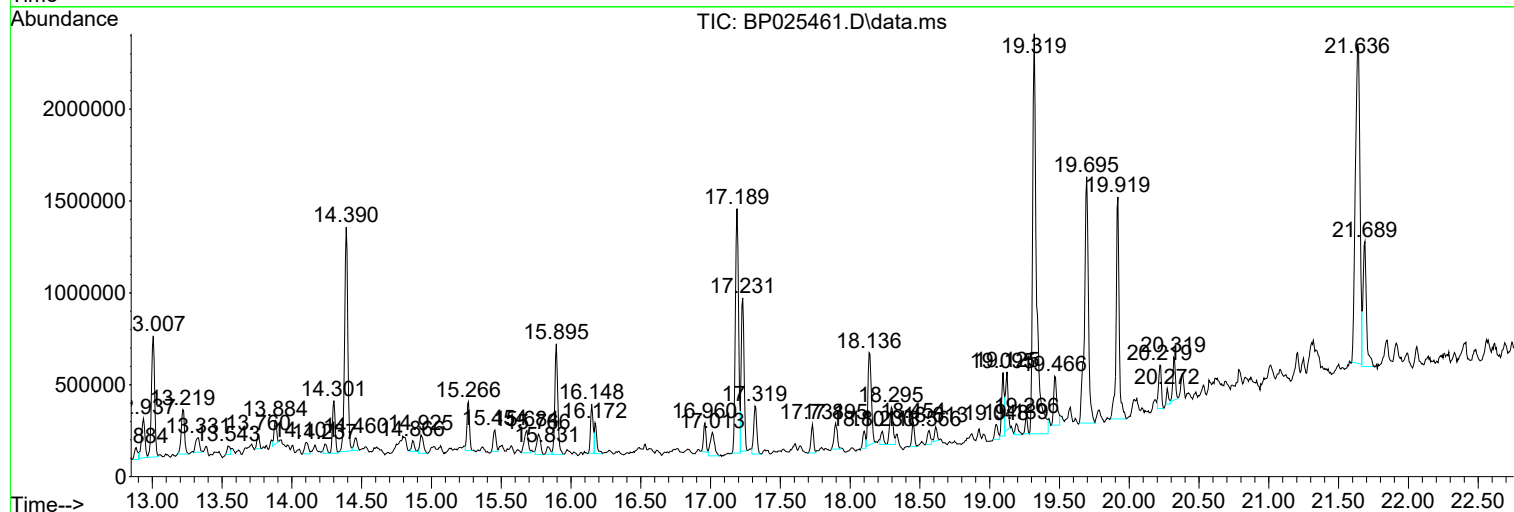
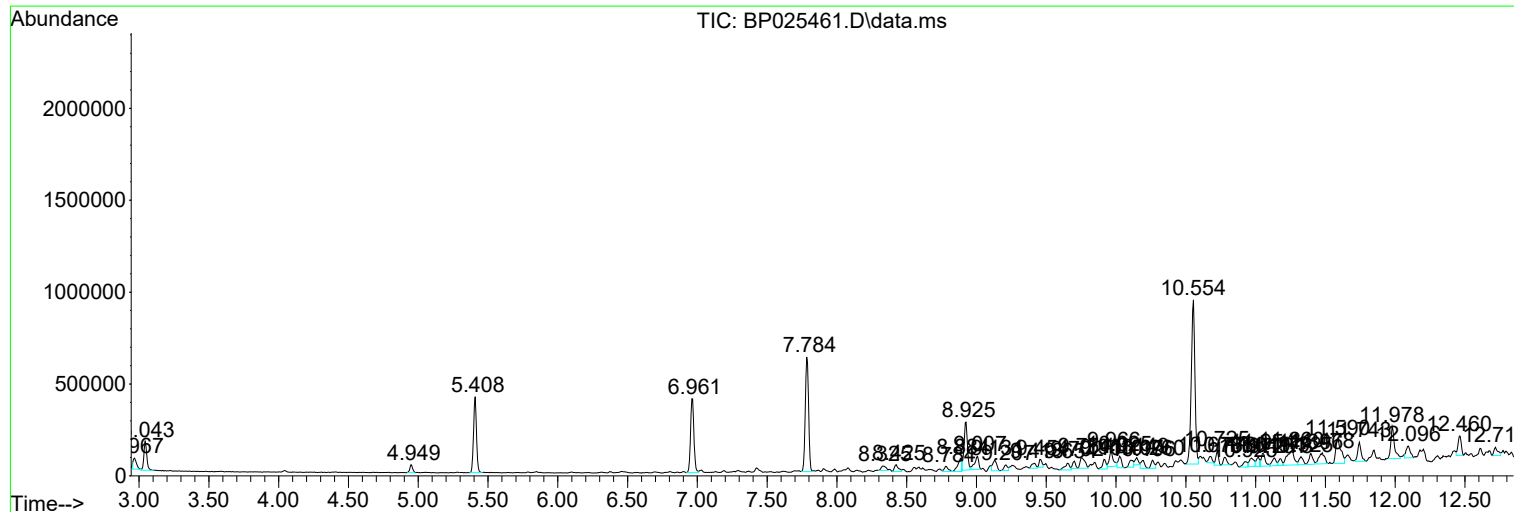
Sum of corrected areas: 44236174

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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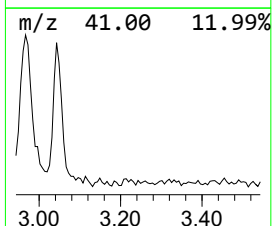
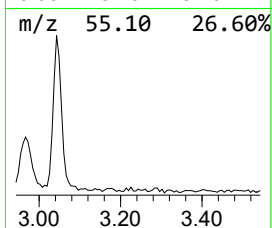
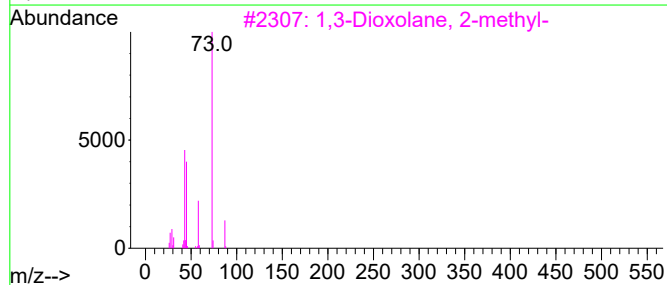
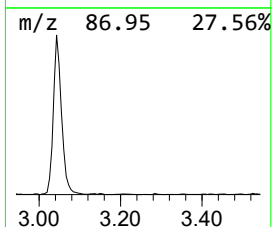
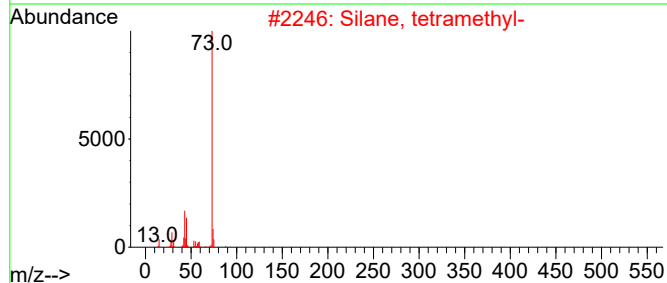
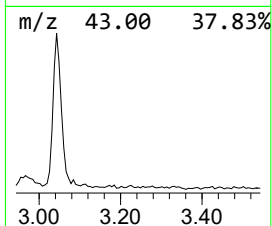
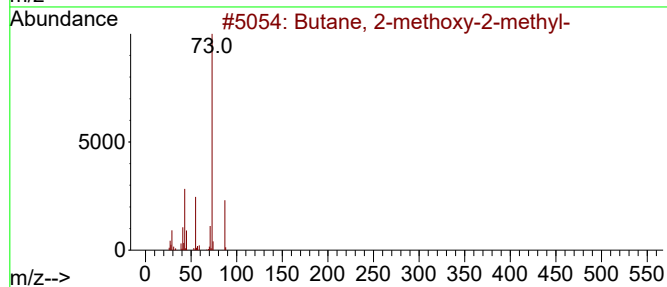
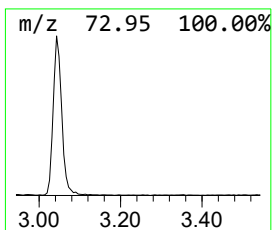
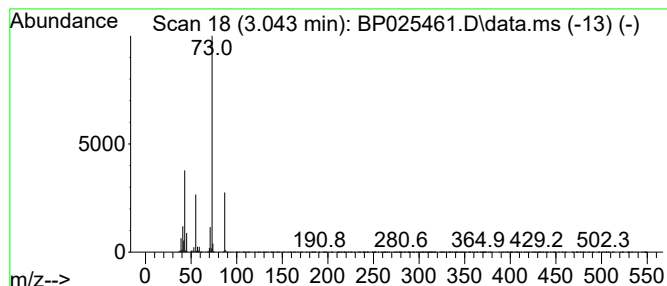
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.58 ng	233256	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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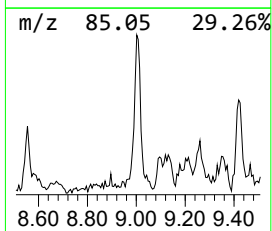
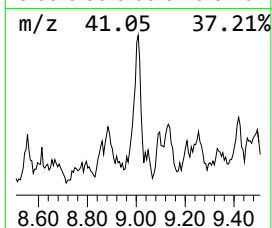
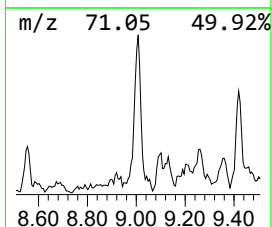
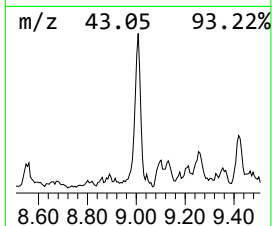
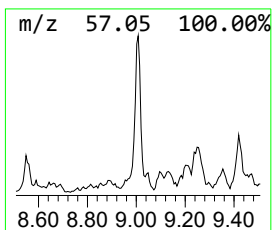
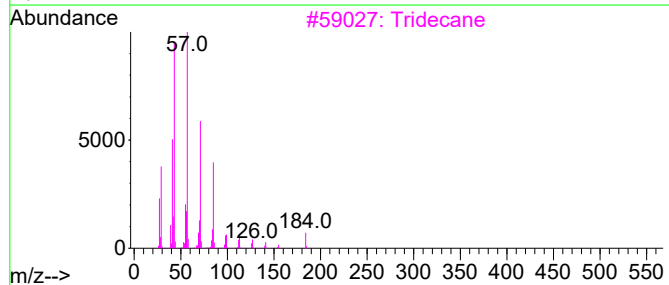
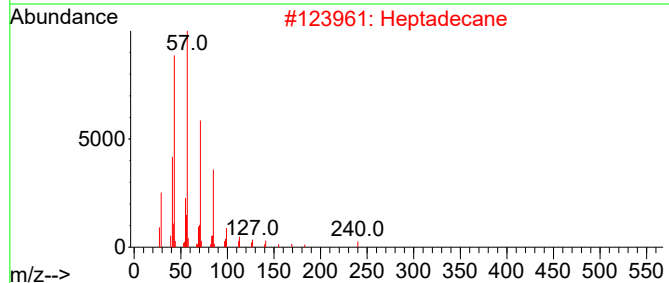
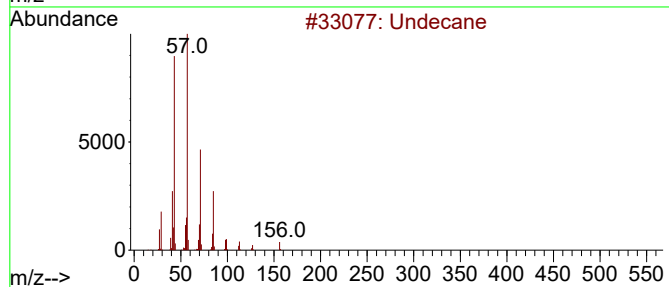
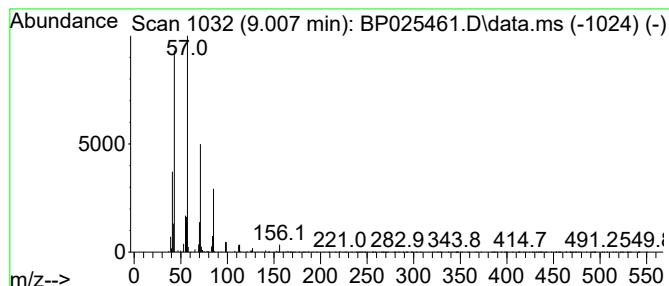
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.007	2.80 ng	142755	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Heptadecane			240	C17H36	000629-78-7	90
3	Tridecane			184	C13H28	000629-50-5	90
4	Dodecane			170	C12H26	000112-40-3	83
5	Hexadecane			226	C16H34	000544-76-3	78



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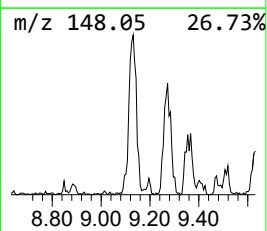
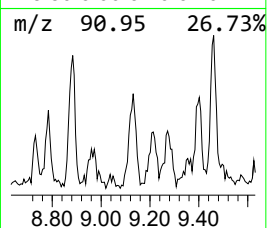
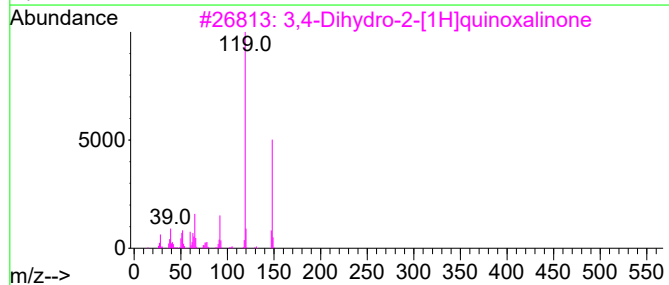
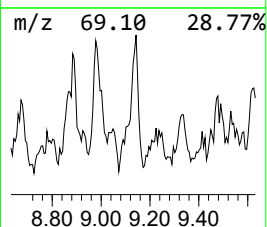
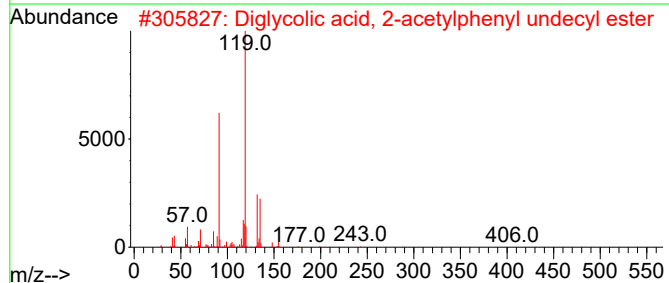
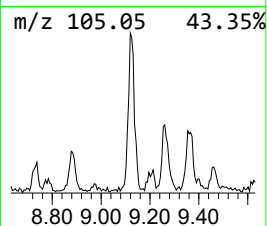
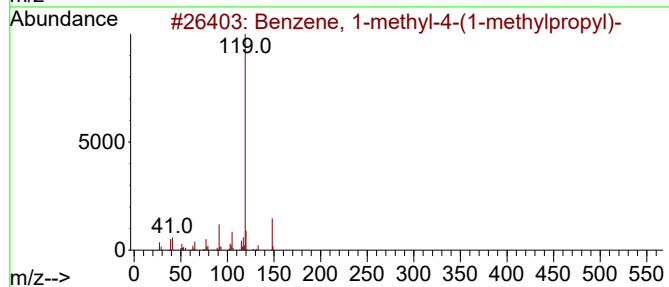
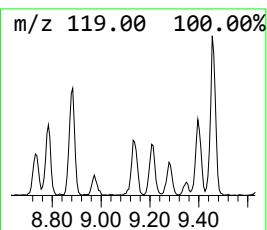
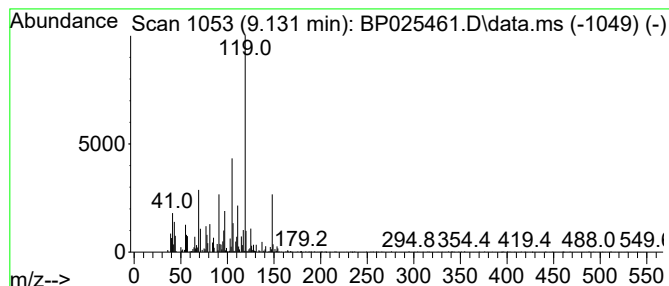
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.131	2.19 ng	111511	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			Diglycolic acid, 2-acetylphenyl ...	406	C23H34O6	1000382-72-7	55
3			3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	49
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

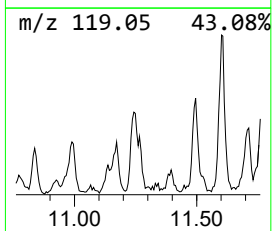
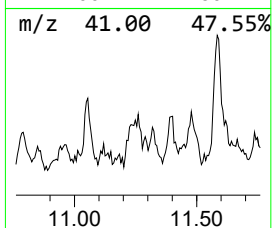
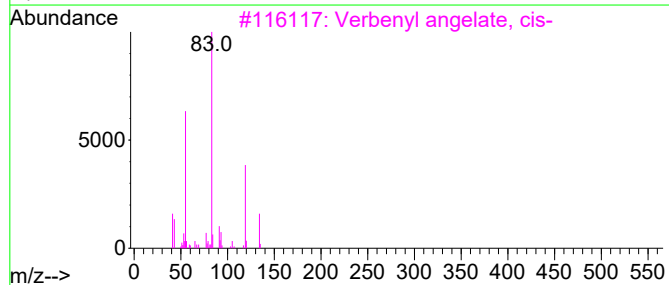
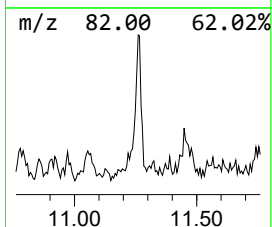
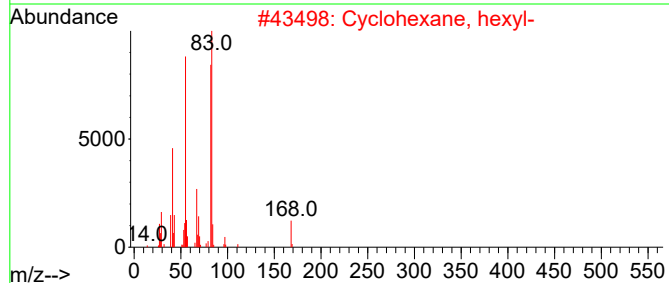
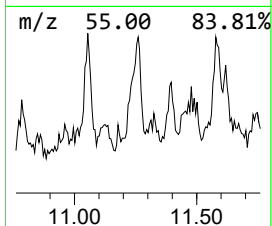
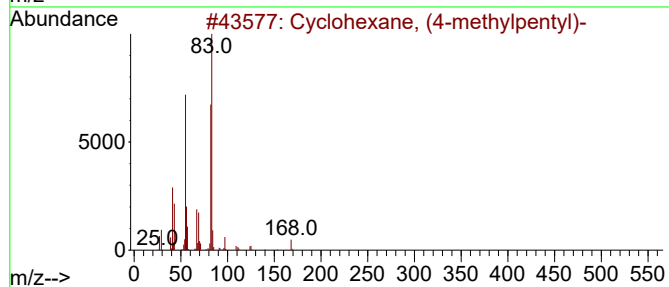
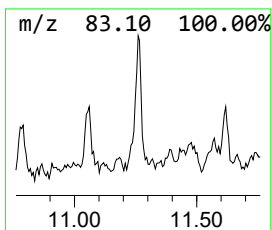
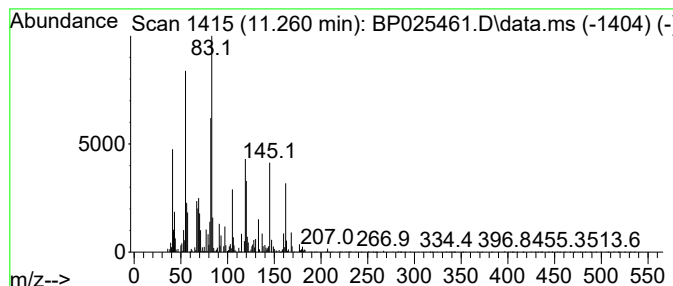
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.260 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.260	3.38 ng	280255	Naphthalene-d8	10.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	41
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3			Verbenyl angelate, cis-	234	C15H22O2	1000383-56-3	35
4			Heptylcyclohexane	182	C13H26	005617-41-4	30
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
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Operator : CG/JU
Sample : Q2877-01 5X
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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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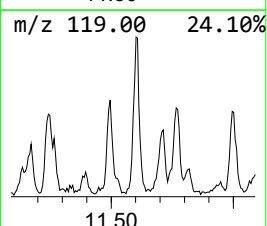
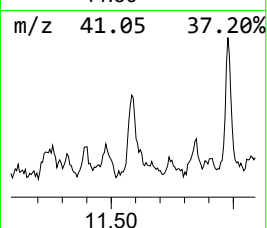
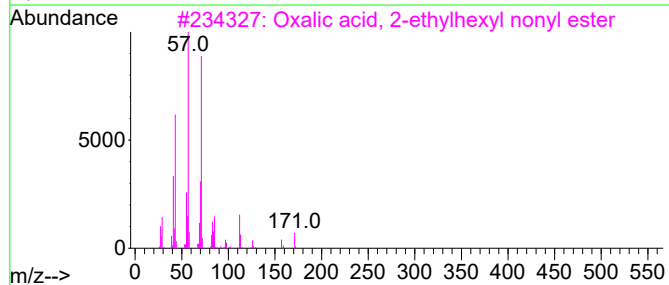
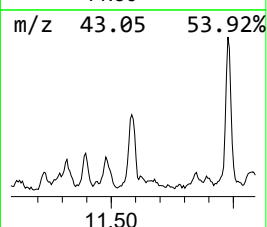
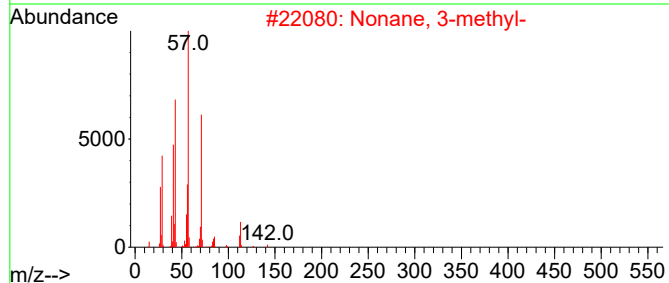
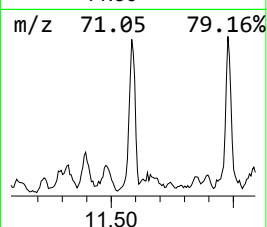
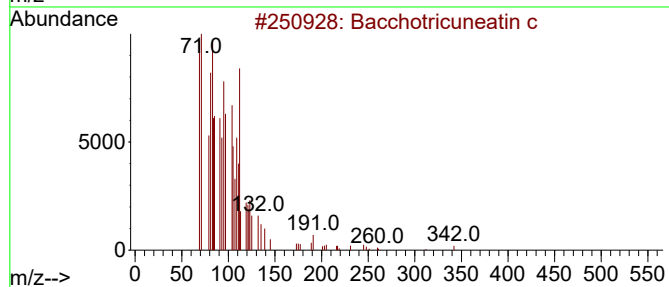
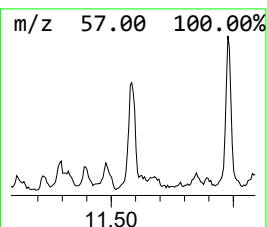
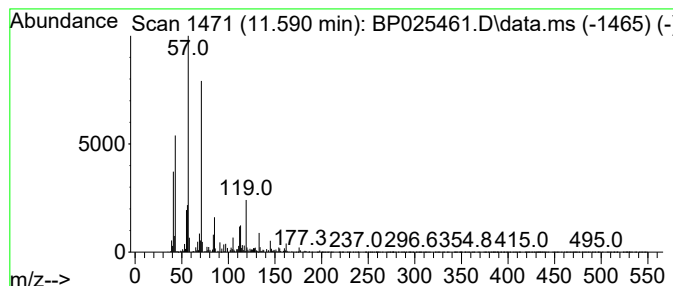
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bacchotricuneatin c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.590	4.20 ng	347812	Naphthalene-d8	10.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	53
4			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
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Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

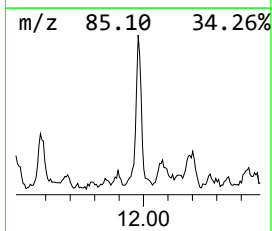
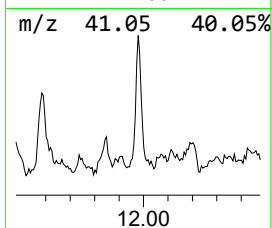
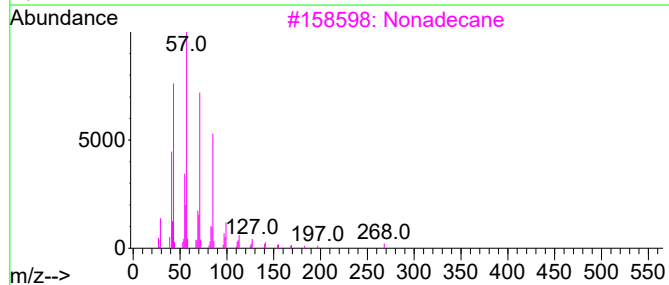
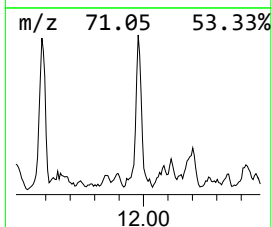
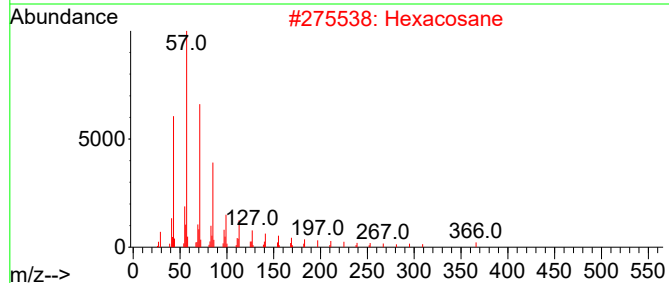
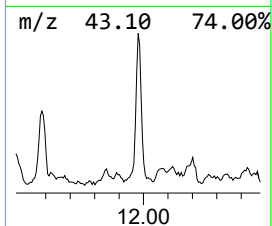
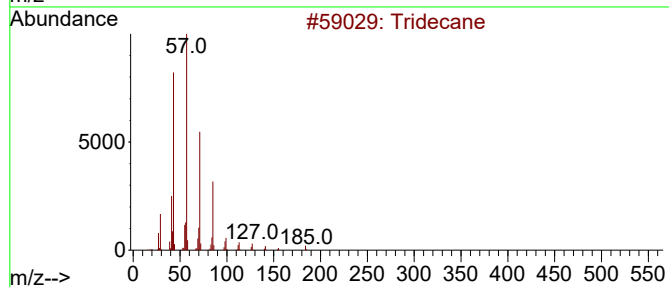
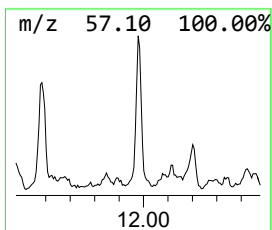
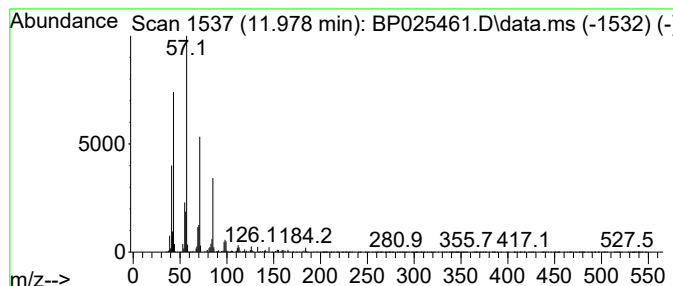
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.978	3.84 ng	318282	Naphthalene-d8	10.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexacosane	366	C26H54	000630-01-3	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
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Sample : Q2877-01 5X
Misc :
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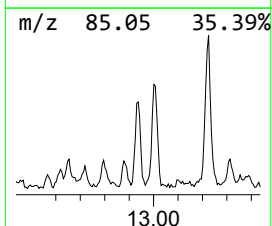
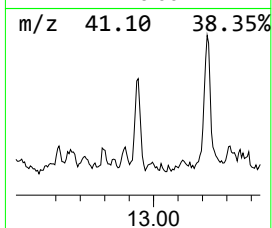
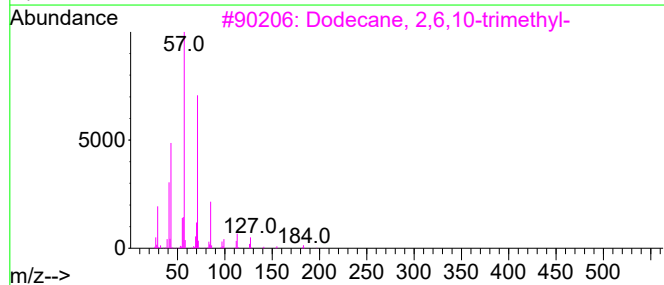
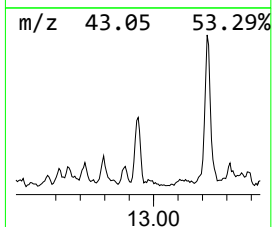
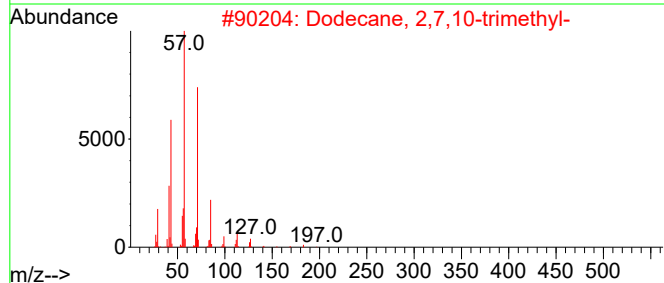
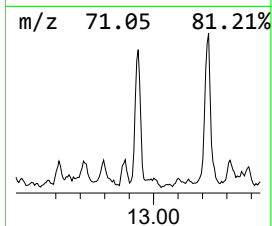
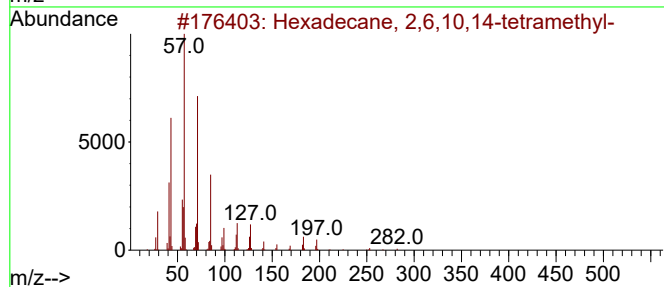
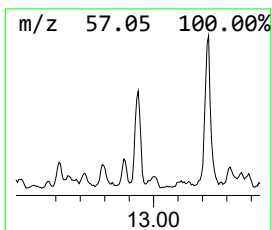
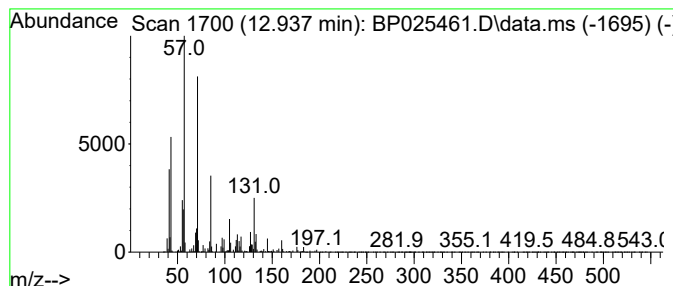
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.937	3.66 ng	357535	Acenaphthene-d10			14.390
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	89
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
5	Bacchotricuneatin c		342	C20H22O5	066563-30-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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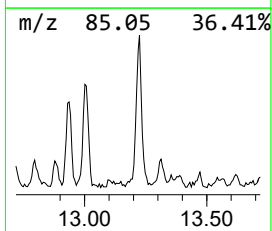
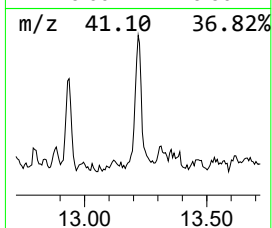
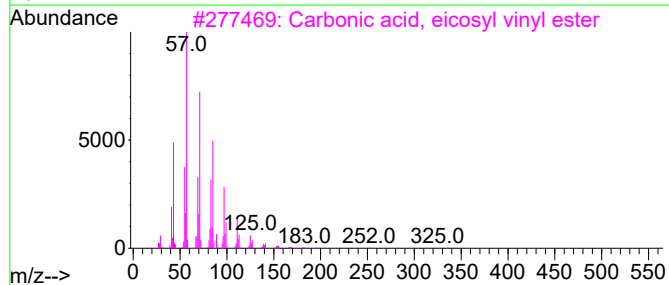
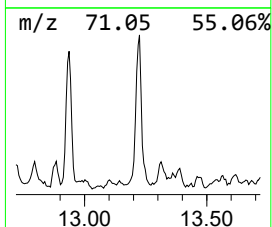
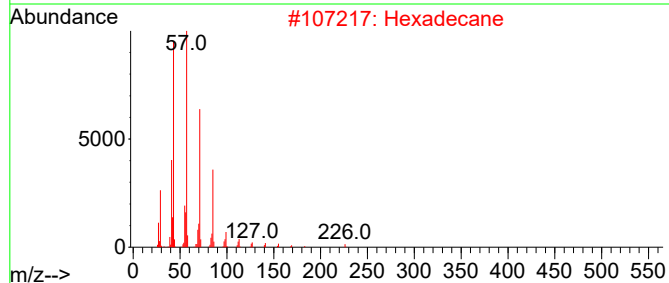
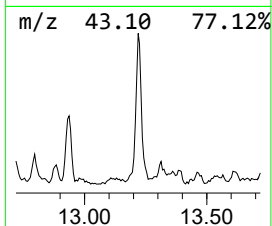
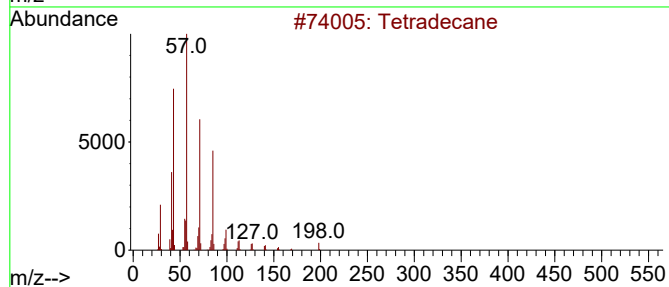
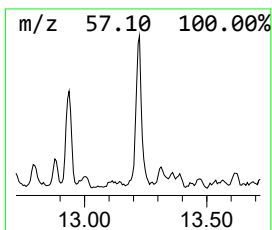
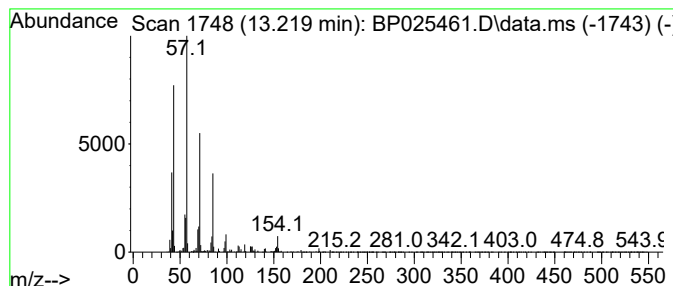
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	4.08 ng	398662	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	87
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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Misc :
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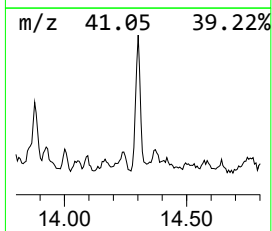
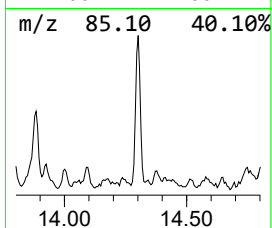
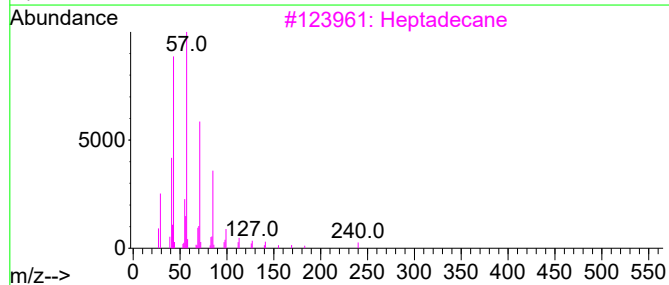
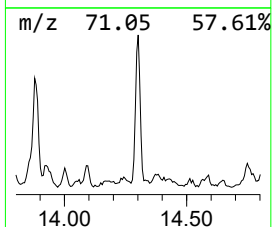
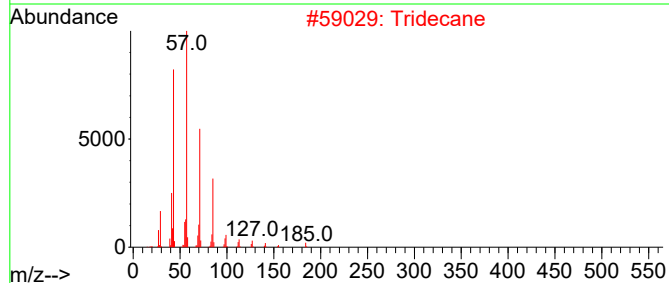
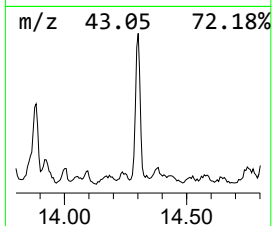
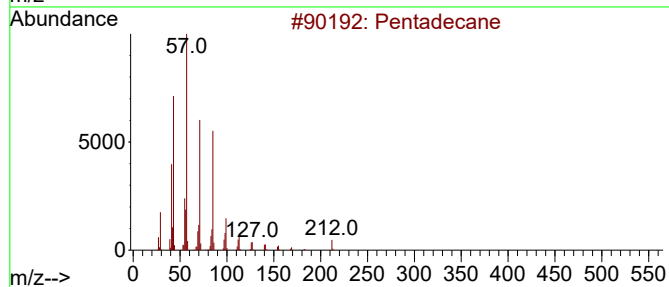
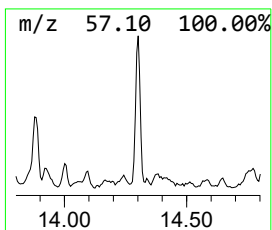
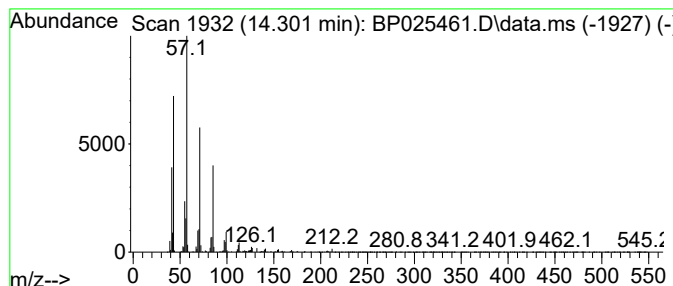
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.301	4.00 ng	390838	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Tridecane	184	C13H28	000629-50-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

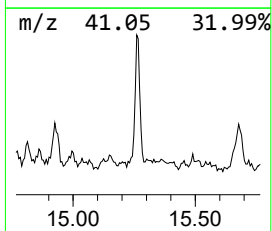
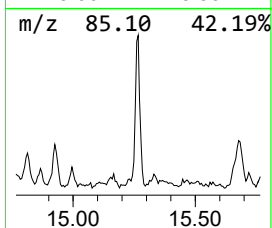
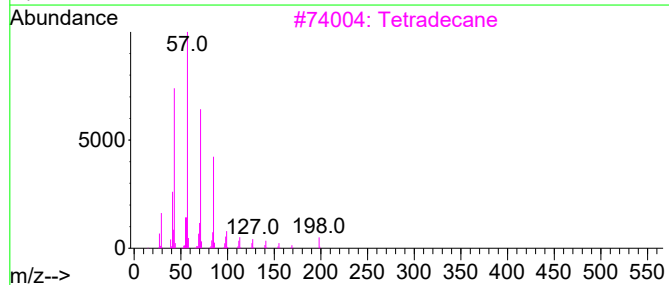
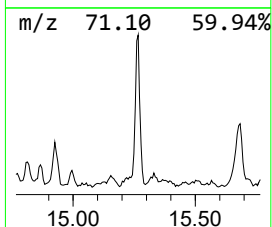
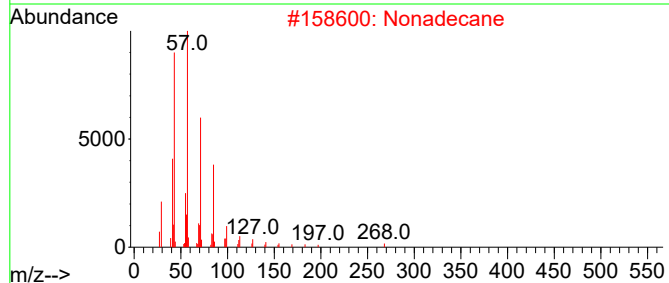
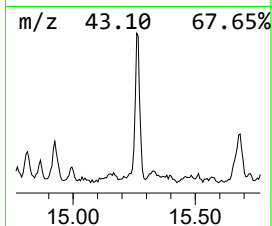
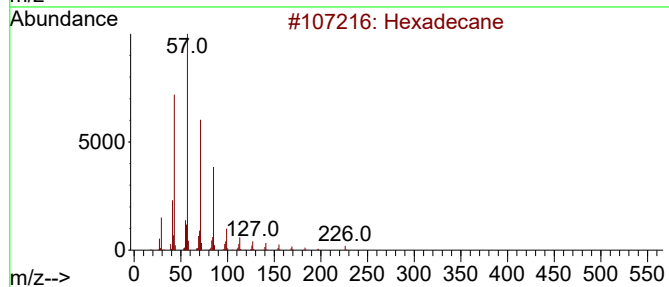
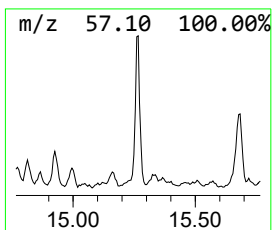
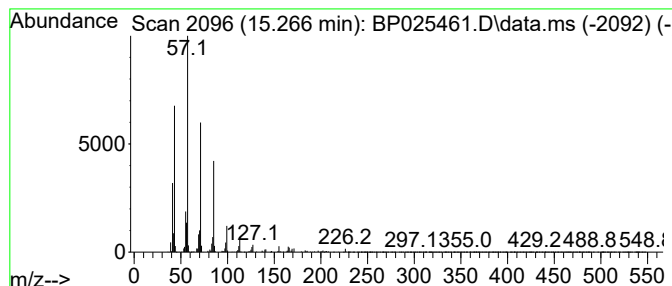
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.266	3.38 ng	330094	Acenaphthene-d10	14.390	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

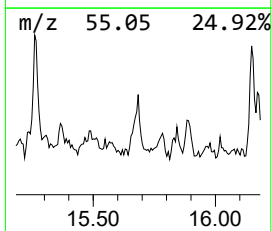
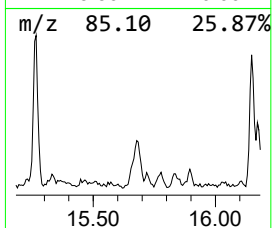
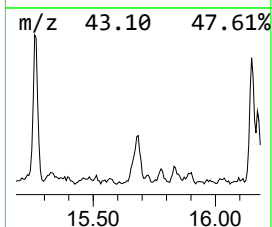
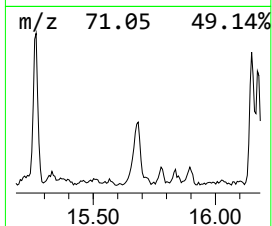
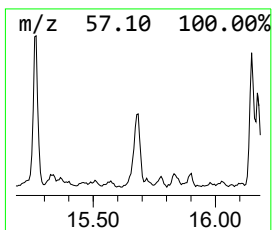
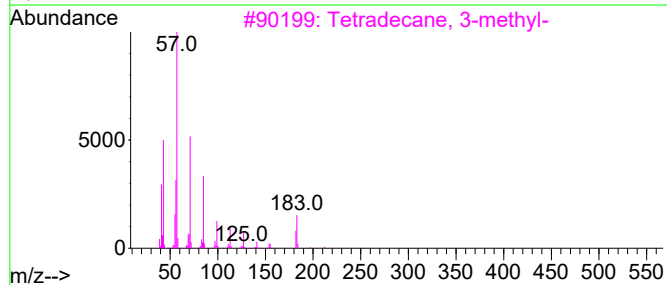
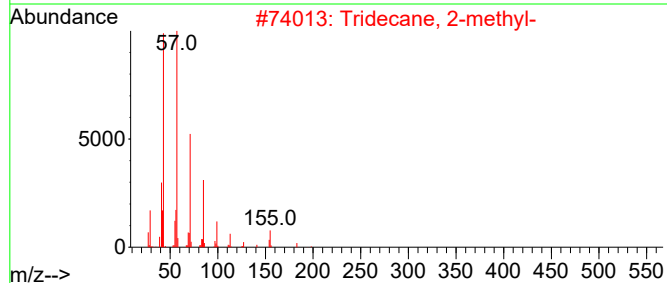
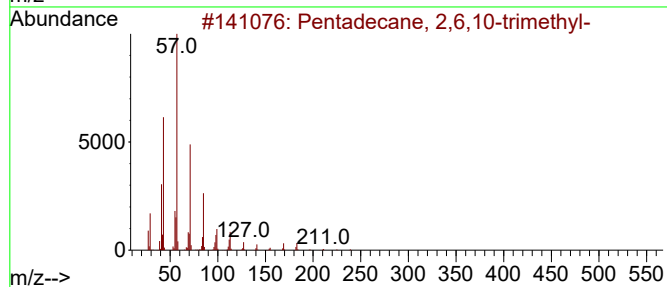
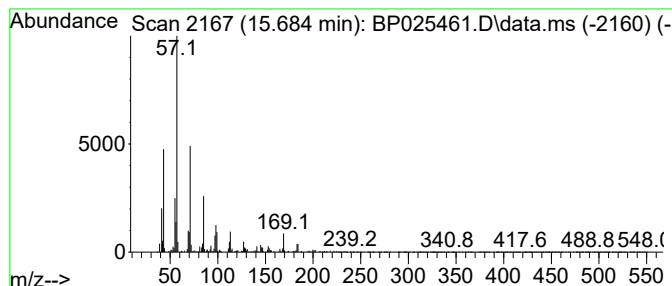
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	2.45 ng	239163	Acenaphthene-d10	14.390

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4		Octadecane, 3-methyl-	268	C19H40	006561-44-0	72
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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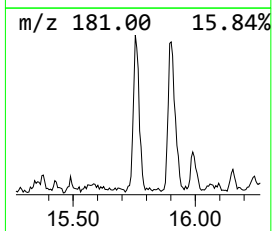
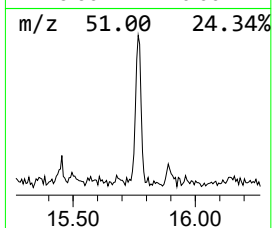
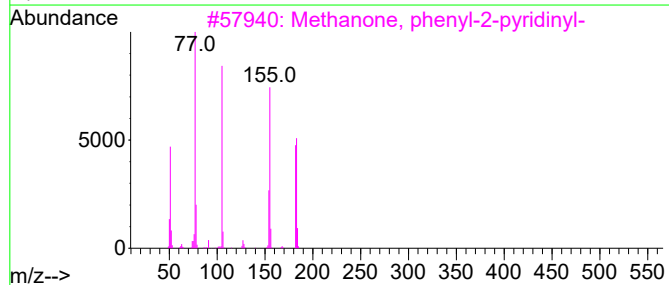
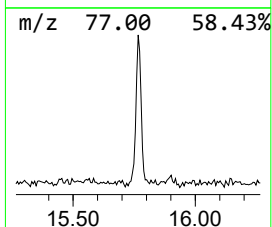
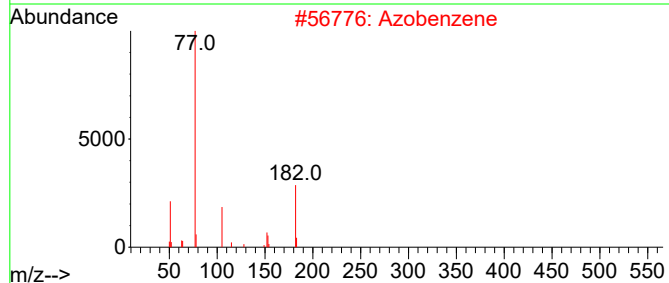
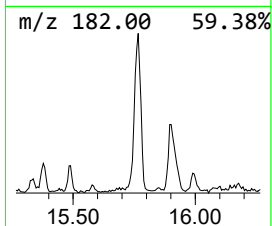
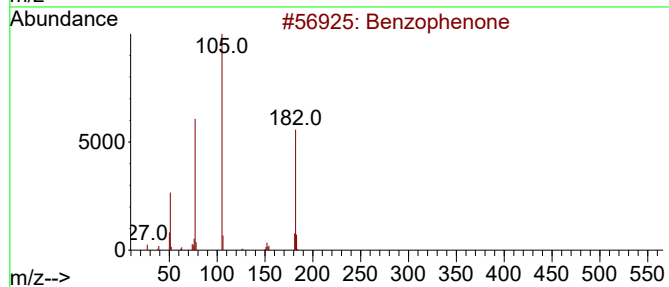
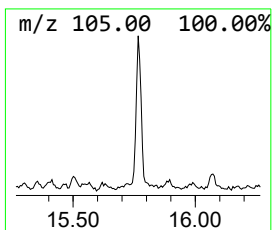
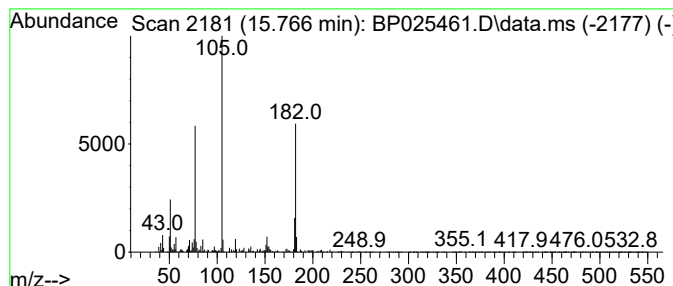
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.14 ng	208596	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
4			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	27
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

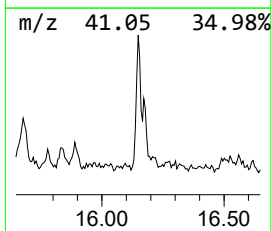
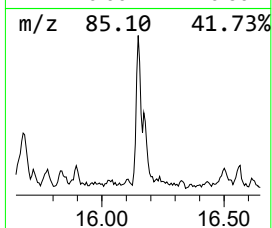
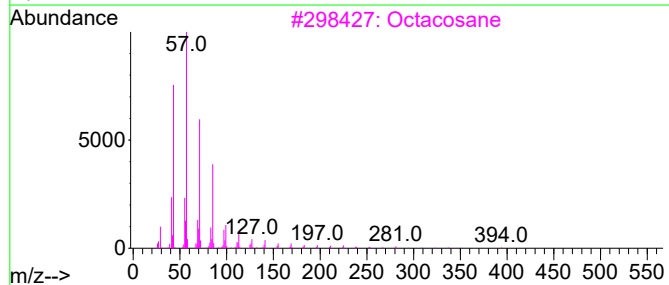
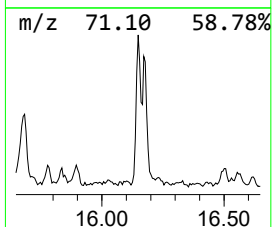
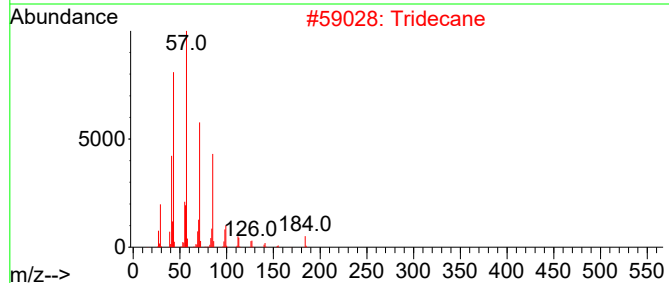
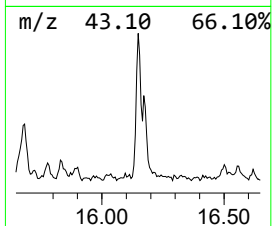
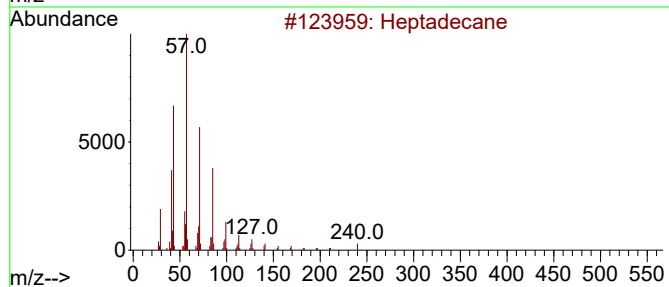
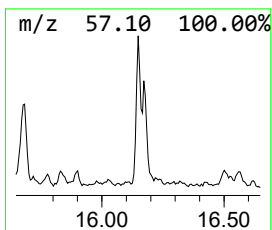
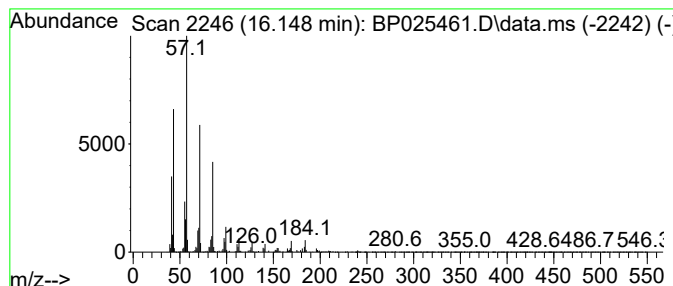
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.148	3.43 ng	365898	Phenanthrene-d10		17.189	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tridecane		184	C13H28	000629-50-5	93
3	Octacosane		394	C28H58	000630-02-4	87
4	Pentadecane		212	C15H32	000629-62-9	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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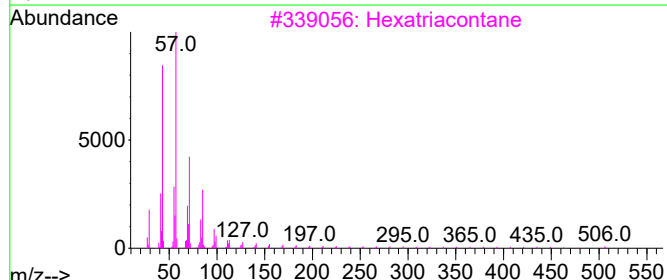
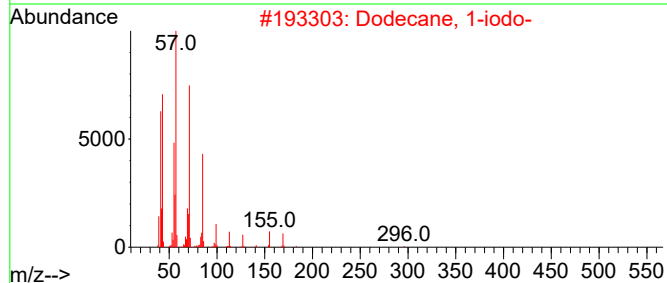
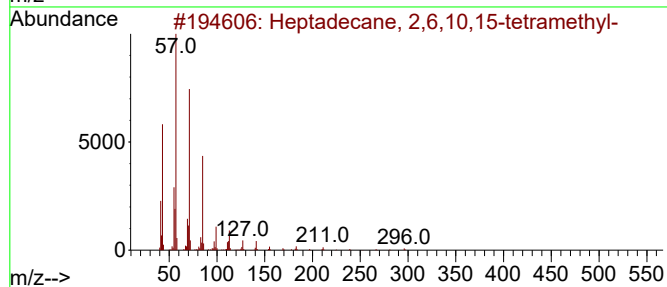
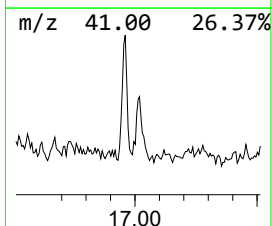
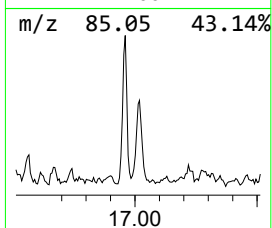
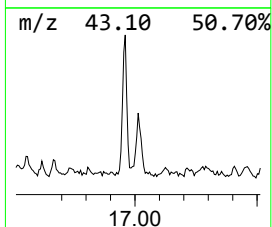
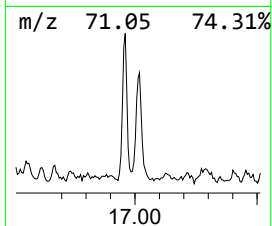
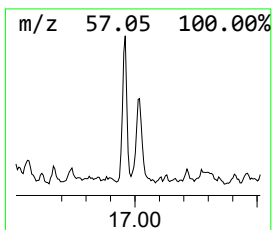
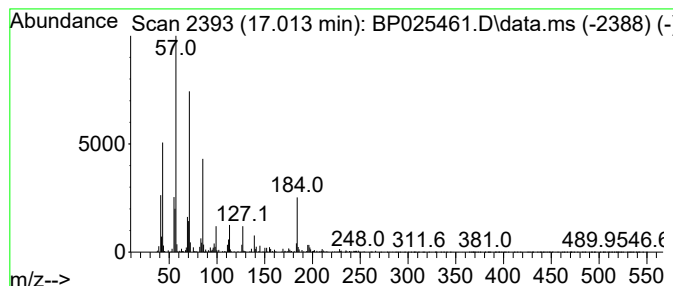
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.013	2.52 ng	268409	Phenanthrene-d10	17.189

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Hexatriacontane	507	C36H74	000630-06-8	74
4		Octadecane	254	C18H38	000593-45-3	72
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-08142025

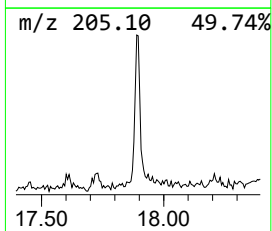
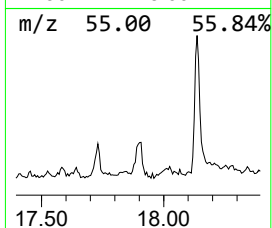
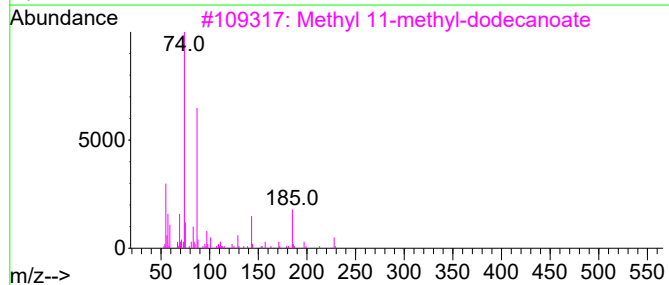
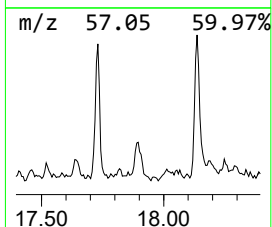
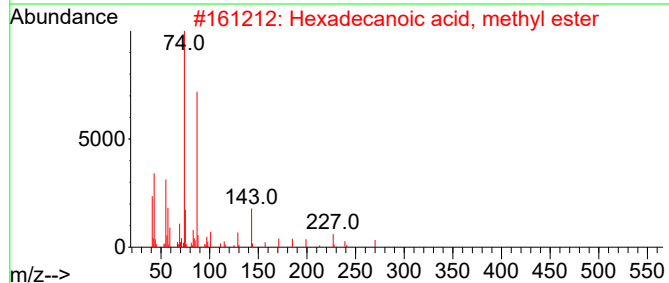
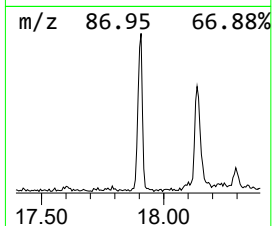
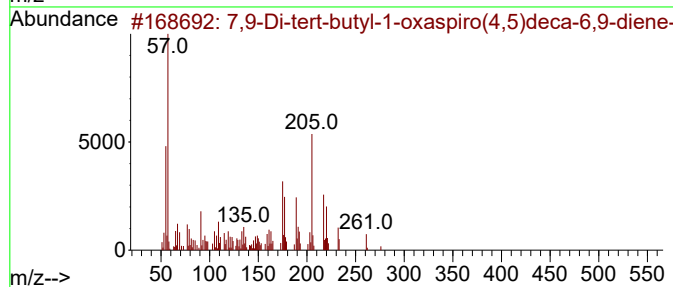
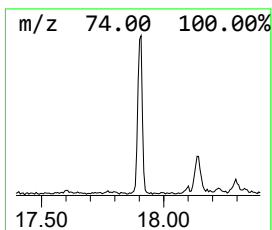
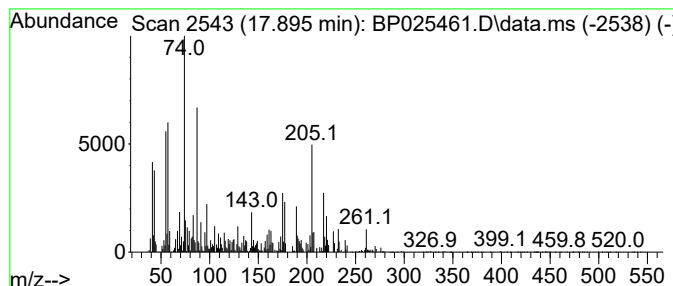
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	2.17 ng	231045	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91		
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83		
3	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	62		
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	46		
5	7-Methyloctanoic acid, methyl ester	172	C10H20O2	005129-53-3	41		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

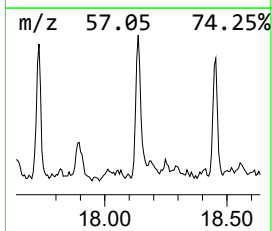
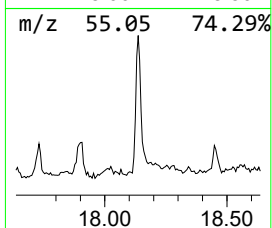
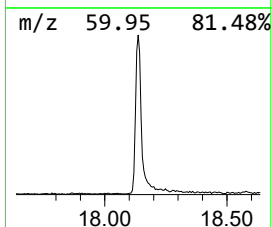
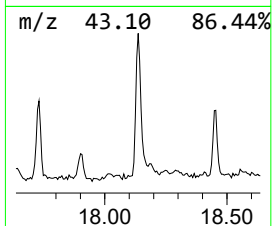
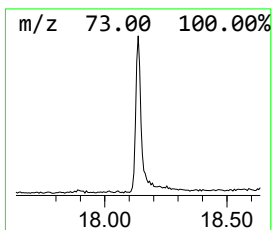
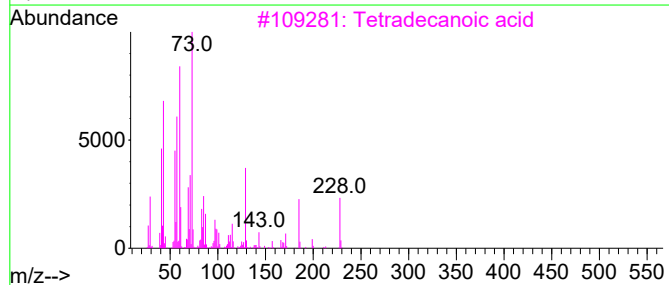
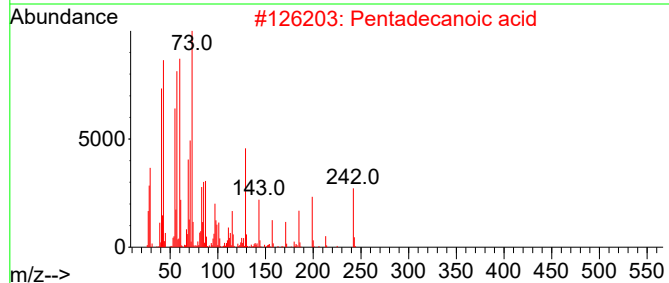
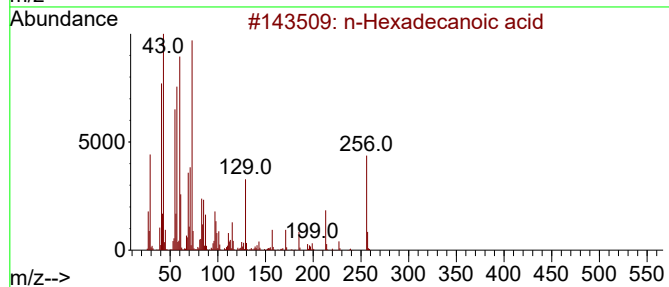
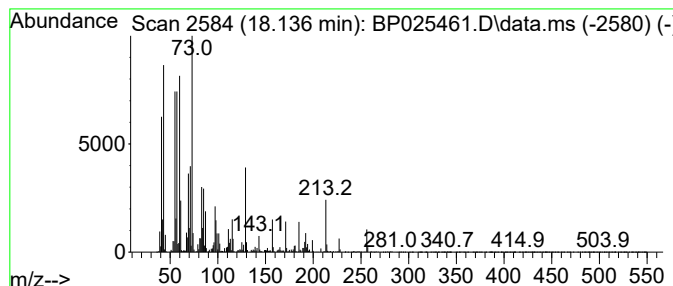
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	7.91 ng	843732	Phenanthrene-d10	17.189

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

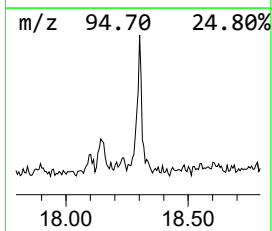
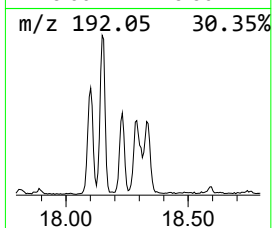
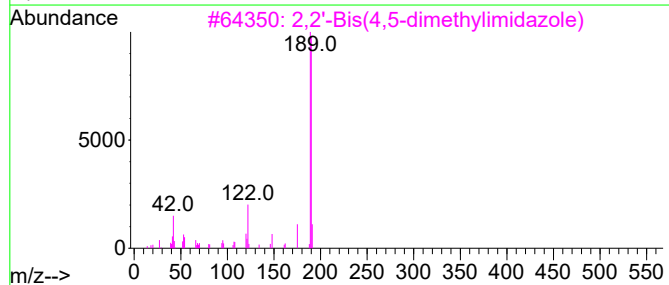
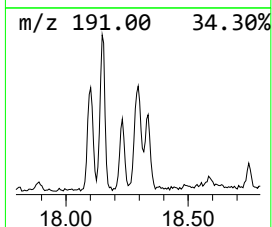
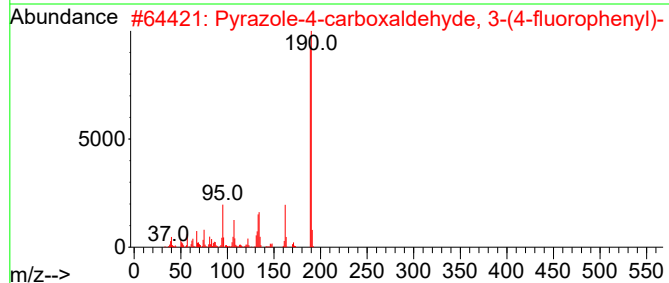
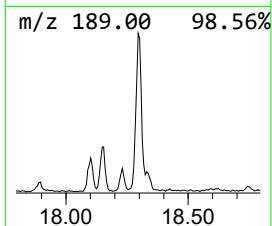
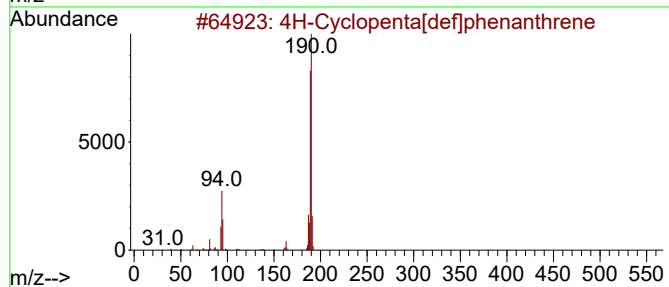
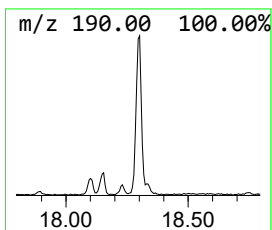
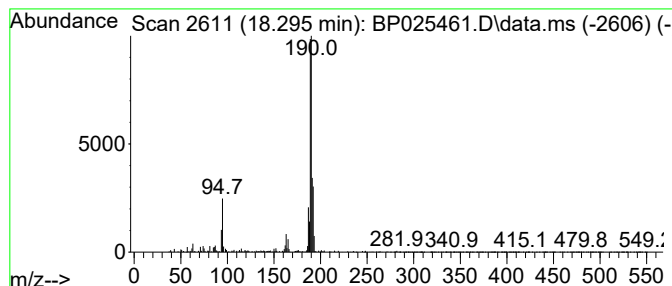
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	3.35 ng	357826	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	52
4			Methyl diselenide	190	C2H6Se2	007101-31-7	46
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

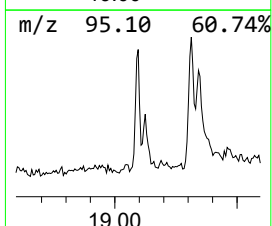
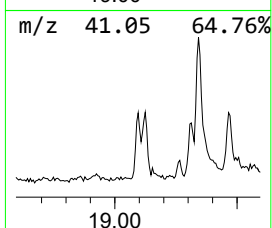
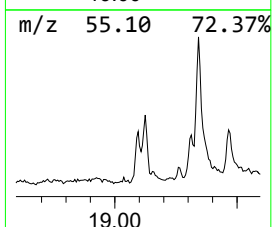
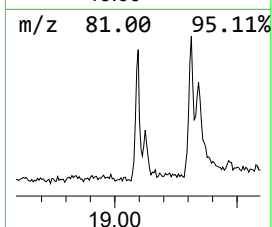
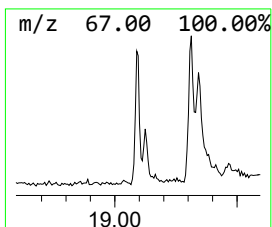
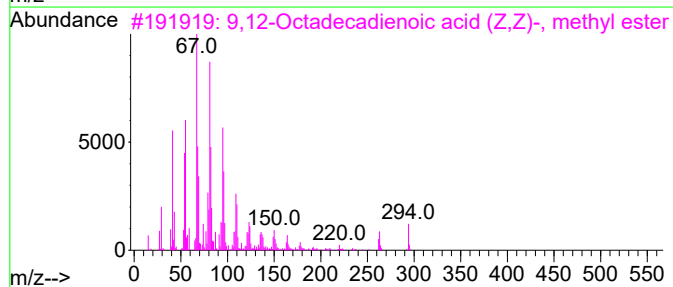
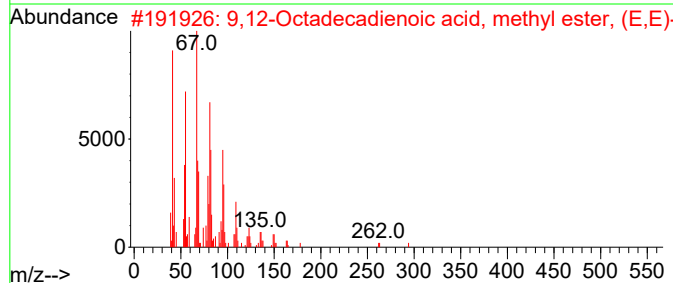
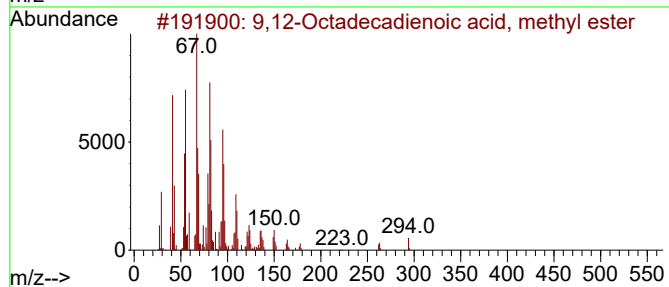
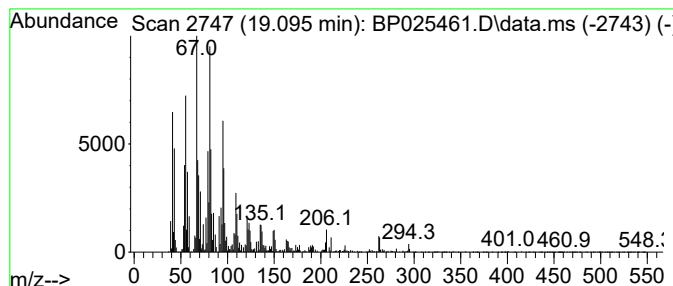
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ClientSampleId :
EO-02-08142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.095	4.10 ng	438027	Phenanthrene-d10			17.189
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...		294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...		294	C19H34O2	056554-62-2	99
5	Methyl 10-trans,12-cis-octadecad...		294	C19H34O2	1000336-44-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

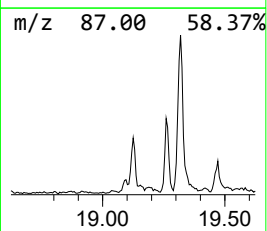
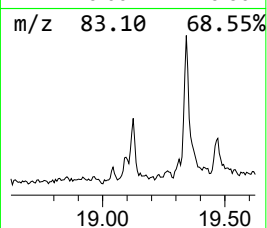
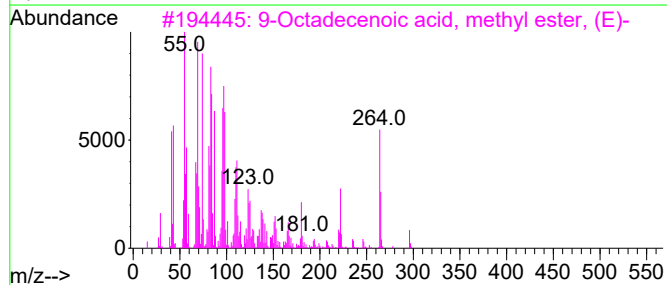
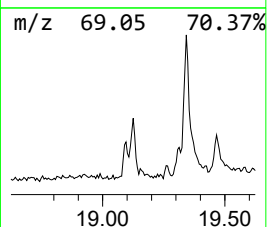
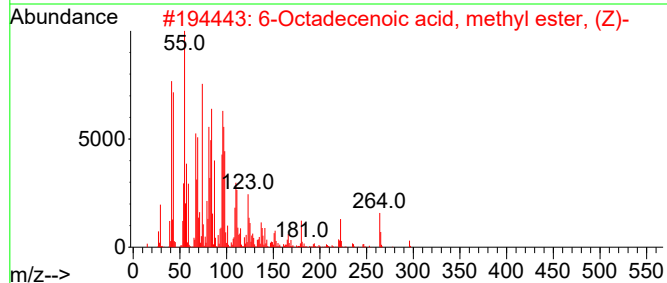
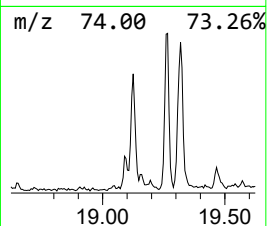
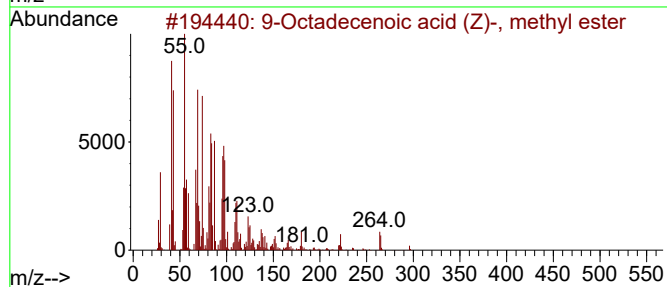
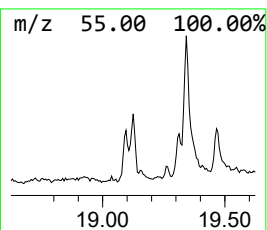
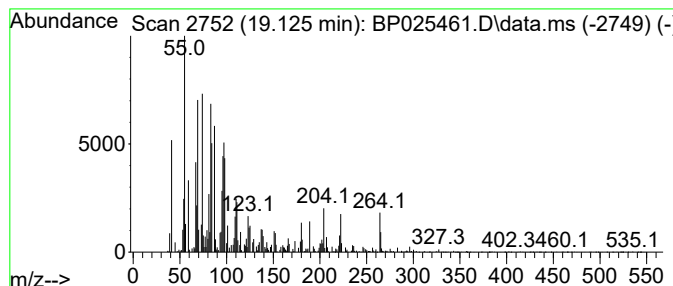
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.125	3.70 ng	395301	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4			7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	98
5			6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-08142025

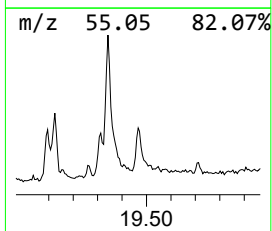
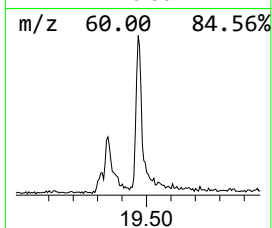
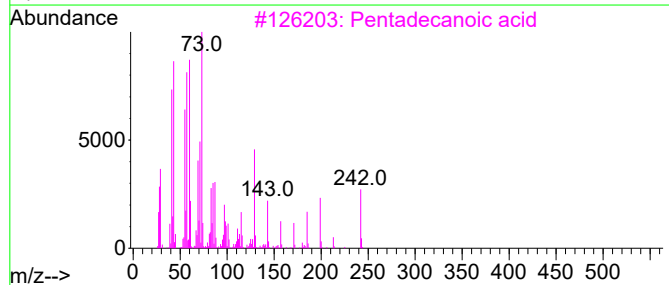
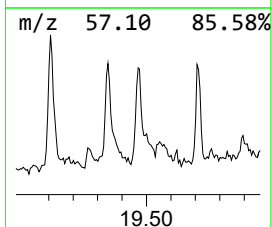
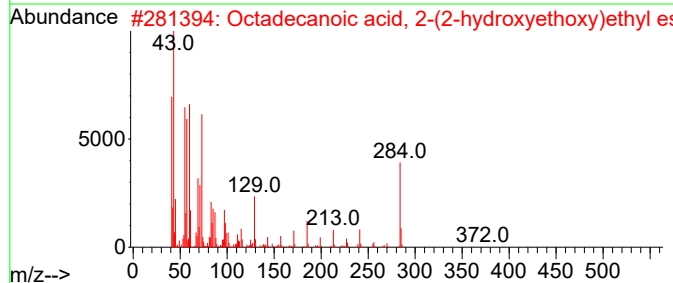
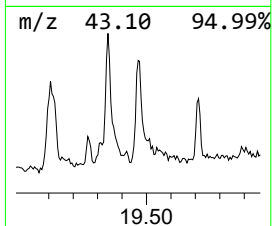
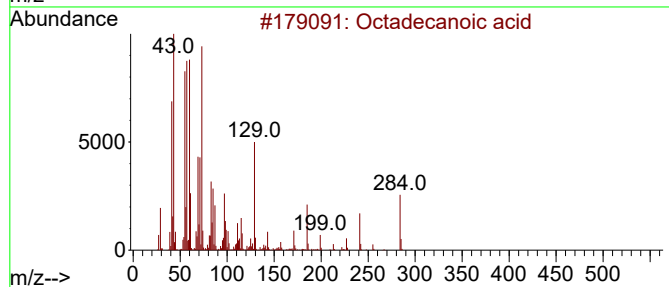
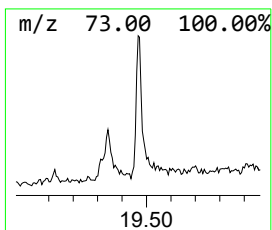
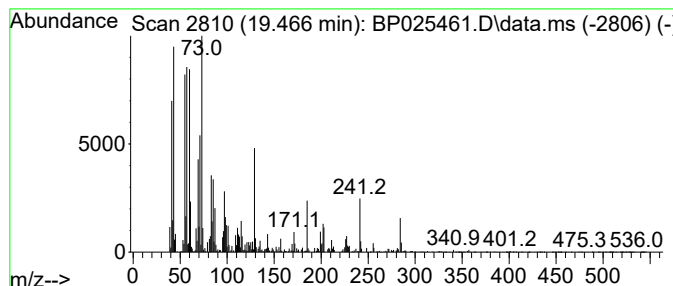
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.31 ng	454077	Chrysene-d12	21.642

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025461.D
Acq On : 18 Aug 2025 14:50
Operator : CG/JU
Sample : Q2877-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-08142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	4.6	ng	233256	1	7.784	1018690	20.0
Undecane	9.007	2.8	ng	142755	1	7.784	1018690	20.0
Benzene, 1-meth...	9.131	2.2	ng	111511	1	7.784	1018690	20.0
unknown11.260	11.260	3.4	ng	280255	2	10.554	1656870	20.0
Bacchotricuneat...	11.590	4.2	ng	347812	2	10.554	1656870	20.0
Tridecane	11.978	3.8	ng	318282	2	10.554	1656870	20.0
Hexadecane, 2,6...	12.937	3.7	ng	357535	3	14.390	1952520	20.0
Tetradecane	13.219	4.1	ng	398662	3	14.390	1952520	20.0
Pentadecane	14.301	4.0	ng	390838	3	14.390	1952520	20.0
Hexadecane	15.266	3.4	ng	330094	3	14.390	1952520	20.0
Pentadecane, 2,...	15.684	2.5	ng	239163	3	14.390	1952520	20.0
Benzophenone	15.766	2.1	ng	208596	3	14.390	1952520	20.0
Heptadecane	16.148	3.4	ng	365898	4	17.189	2134320	20.0
Heptadecane, 2,...	17.013	2.5	ng	268409	4	17.189	2134320	20.0
7,9-Di-tert-but...	17.895	2.2	ng	231045	4	17.189	2134320	20.0
n-Hexadecanoic ...	18.136	7.9	ng	843732	4	17.189	2134320	20.0
4H-Cyclopenta[d...	18.295	3.4	ng	357826	4	17.189	2134320	20.0
9,12-Octadecadi...	19.095	4.1	ng	438027	4	17.189	2134320	20.0
9-Octadecenoic ...	19.125	3.7	ng	395301	4	17.189	2134320	20.0
Octadecanoic acid	19.466	2.3	ng	454077	5	21.642	3931440	20.0