

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025585.D
 Acq On : 26 Aug 2025 14:33
 Operator : CG/JU
 Sample : Q2926-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-08212025

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: BP025585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	29	rVB	203579	308503	1.22%	0.257%
2	5.408	413	420	427	rBV	498780	769984	3.06%	0.642%
3	6.966	676	685	691	rBV	461529	877768	3.48%	0.731%
4	7.408	755	760	769	rBV2	158787	376788	1.49%	0.314%
5	7.778	815	823	829	rBV	803881	1378482	5.47%	1.149%
6	8.308	902	913	919	rBV3	98573	275869	1.09%	0.230%
7	8.413	926	931	939	rBV3	105463	267161	1.06%	0.223%
8	8.872	999	1009	1012	rBV2	157896	311970	1.24%	0.260%
9	8.913	1012	1016	1022	rVV	316711	602337	2.39%	0.502%
10	8.990	1024	1029	1034	rVB	500177	723567	2.87%	0.603%
11	9.119	1039	1051	1058	rVV6	101682	310064	1.23%	0.258%
12	9.731	1151	1155	1163	rBV4	133929	282266	1.12%	0.235%
13	9.902	1178	1184	1188	rBV3	161382	270333	1.07%	0.225%
14	10.184	1227	1232	1238	rVB	167810	289037	1.15%	0.241%
15	10.537	1282	1292	1299	rBV2	1176440	3215512	12.76%	2.679%
16	10.707	1317	1321	1326	rVB	308714	449300	1.78%	0.374%
17	11.013	1368	1373	1382	rVB3	197640	416708	1.65%	0.347%
18	11.254	1410	1414	1420	rVB5	145117	294793	1.17%	0.246%
19	11.384	1430	1436	1442	rVB4	236866	403476	1.60%	0.336%
20	11.460	1442	1449	1456	rBV3	339066	652572	2.59%	0.544%
21	11.572	1463	1468	1473	rBV	391478	763987	3.03%	0.637%
22	11.737	1489	1496	1504	rBV3	514436	902517	3.58%	0.752%
23	11.972	1530	1536	1541	rBV	1200399	1765463	7.00%	1.471%
24	12.101	1552	1558	1562	rVB2	238459	451033	1.79%	0.376%
25	12.196	1572	1574	1580	rVB2	224486	319542	1.27%	0.266%
26	12.460	1614	1619	1624	rVB	524401	816960	3.24%	0.681%
27	12.713	1658	1662	1665	rVV2	227745	315845	1.25%	0.263%
28	12.778	1669	1673	1680	rVB2	314249	513416	2.04%	0.428%
29	12.878	1685	1690	1694	rBV3	267727	491616	1.95%	0.410%
30	12.931	1695	1699	1704	rVV2	625711	894368	3.55%	0.745%
31	13.001	1707	1711	1718	rVV	793111	1299381	5.16%	1.083%
32	13.213	1742	1747	1755	rVB	1579161	2498548	9.91%	2.082%
33	13.337	1760	1768	1772	rVV2	364747	794245	3.15%	0.662%
34	13.378	1772	1775	1779	rVB2	216184	290503	1.15%	0.242%
35	13.548	1799	1804	1810	rBV5	191582	448848	1.78%	0.374%
36	13.672	1820	1825	1826	rBV4	181009	259483	1.03%	0.216%

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

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37	13.754	1836	1839	1843	rVB3	209587	297027	1.18%	0.247%
38	13.854	1852	1856	1858	rBV3	224492	316806	1.26%	0.264%
39	13.884	1858	1861	1865	rVV	678270	904261	3.59%	0.753%
40	13.919	1865	1867	1873	rVB4	365362	478007	1.90%	0.398%
41	14.243	1917	1922	1927	rVB5	135453	305250	1.21%	0.254%
42	14.307	1927	1933	1938	rBV	2132265	2966974	11.77%	2.472%
43	14.395	1939	1948	1956	rVV	1641167	2961246	11.75%	2.467%
44	14.807	2015	2018	2024	rVB3	306831	467129	1.85%	0.389%
45	14.937	2035	2040	2048	rVB4	472028	831799	3.30%	0.693%
46	15.007	2048	2052	2054	rBV	200890	288547	1.14%	0.240%
47	15.266	2091	2096	2102	rVB	1915519	2784753	11.05%	2.320%
48	15.690	2161	2168	2173	rBV	1090747	1702985	6.76%	1.419%
49	15.778	2179	2183	2188	rVB3	373592	561791	2.23%	0.468%
50	15.831	2188	2192	2198	rVV3	230130	431431	1.71%	0.359%
51	15.913	2199	2206	2214	rVB3	795971	1394261	5.53%	1.162%
52	16.148	2241	2246	2249	rBV	2260544	3501667	13.89%	2.917%
53	16.966	2380	2385	2389	rBV	1932900	2655870	10.54%	2.213%
54	17.025	2391	2395	2405	rVB	893568	1386462	5.50%	1.155%
55	17.195	2419	2424	2430	rBV2	1726117	2636937	10.46%	2.197%
56	17.731	2510	2515	2519	rBV	1724901	2395323	9.50%	1.996%
57	17.901	2539	2544	2549	rVB	4603796	5721822	22.70%	4.767%
58	18.019	2560	2564	2569	rBV3	131973	254275	1.01%	0.212%
59	18.136	2581	2584	2590	rVB2	662695	814201	3.23%	0.678%
60	18.448	2632	2637	2641	rBV	1762538	2162882	8.58%	1.802%
61	18.919	2714	2717	2723	rVB2	253472	356508	1.41%	0.297%
62	19.089	2740	2746	2750	rBV3	15196896	25203970	100.00%	20.999%
63	19.131	2750	2753	2761	rVB2	10754120	14978667	59.43%	12.480%
64	19.254	2770	2774	2779	rBV	2434055	2989231	11.86%	2.491%
65	19.325	2780	2786	2796	rVV2	419479	1044465	4.14%	0.870%
66	19.460	2806	2809	2818	rBV5	323577	662426	2.63%	0.552%
67	19.695	2846	2849	2857	rVB2	1168560	1548052	6.14%	1.290%
68	19.913	2883	2886	2891	rVB	1355338	1663739	6.60%	1.386%
69	20.260	2941	2945	2953	rBV	812558	1592273	6.32%	1.327%
70	20.401	2965	2969	2970	rBV2	306305	396343	1.57%	0.330%
71	20.777	3030	3033	3035	rVB	544997	505171	2.00%	0.421%
72	21.630	3173	3178	3184	rBV	1610981	2793642	11.08%	2.328%
73	24.995	3748	3750	3760	rVB	1439418	2765360	10.97%	2.304%

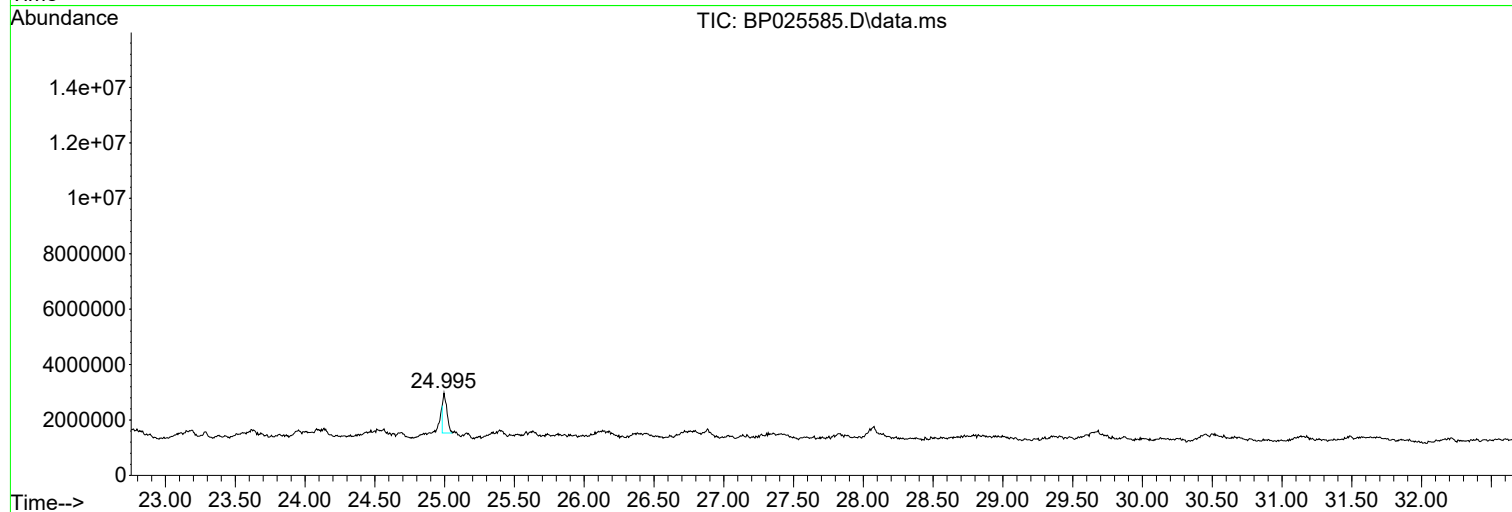
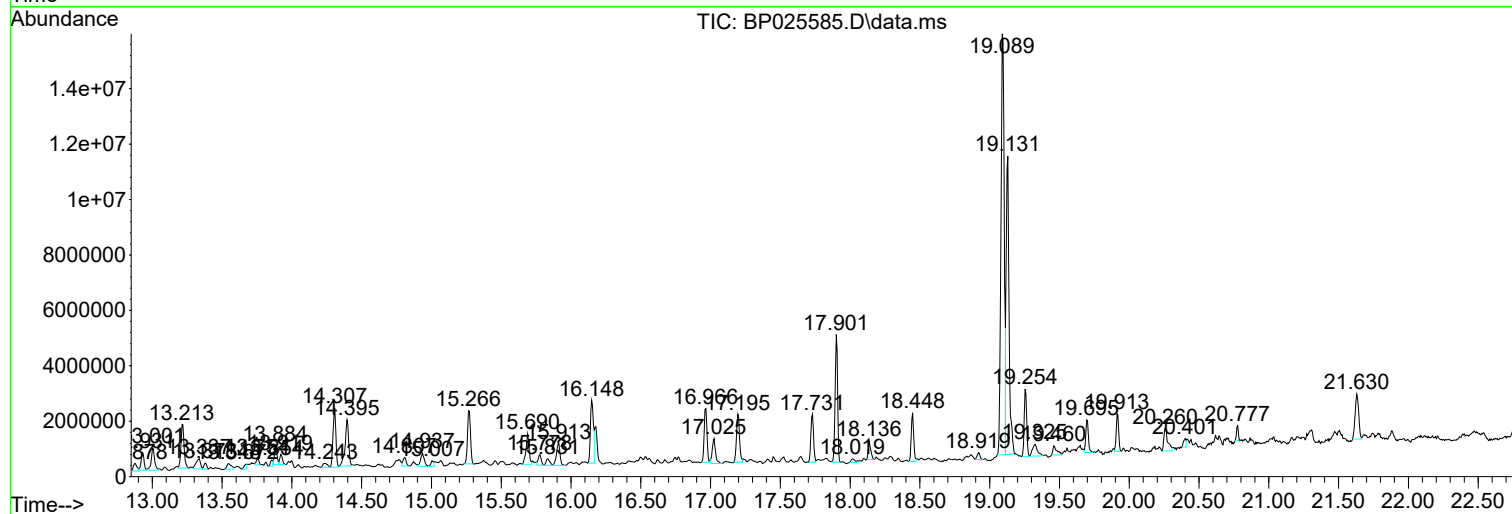
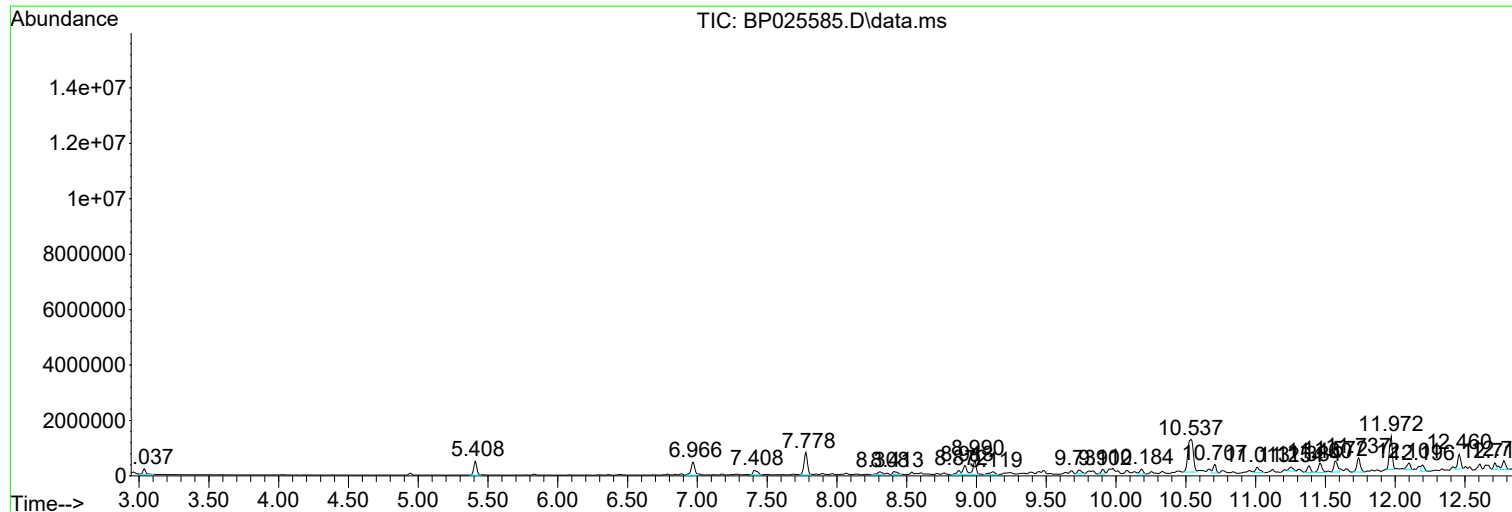
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Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

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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Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

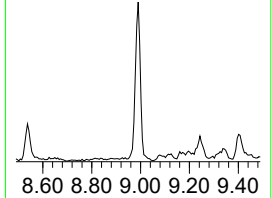
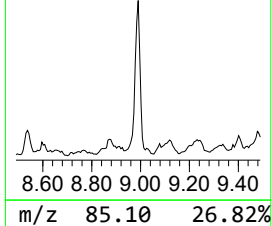
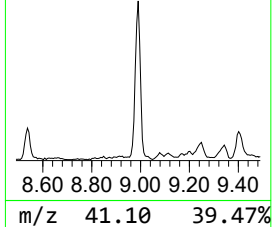
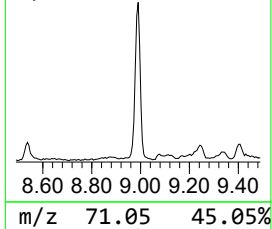
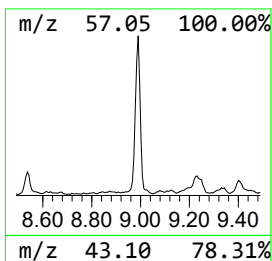
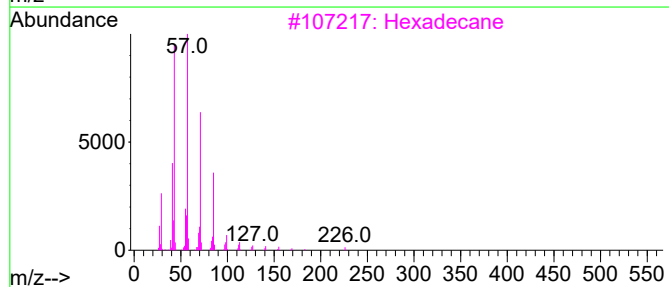
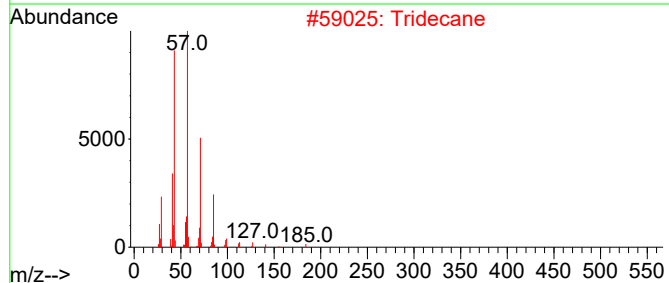
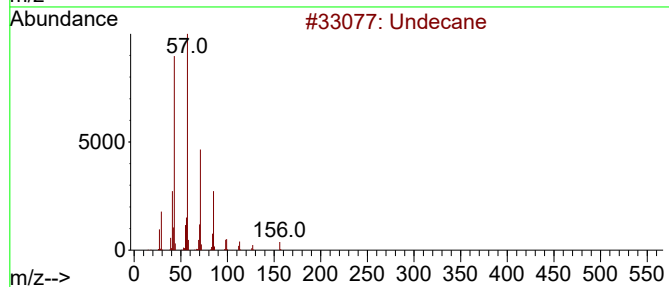
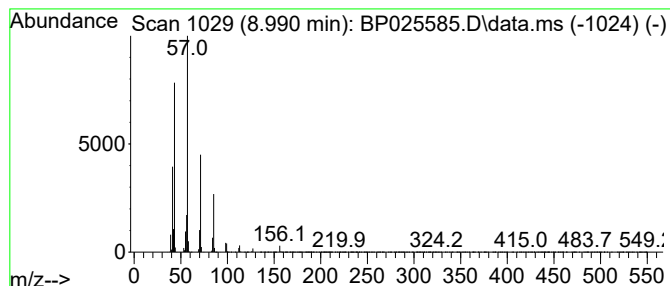
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.990	10.50 ng	723567	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Tridecane			184	C13H28	000629-50-5	86
3	Hexadecane			226	C16H34	000544-76-3	78
4	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	78
5	1-Iodo-2-methylnonane			268	C10H21I	1000101-47-9	64



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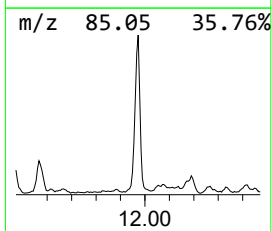
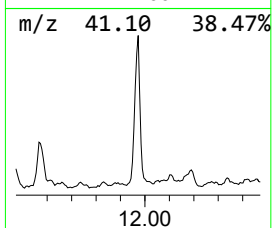
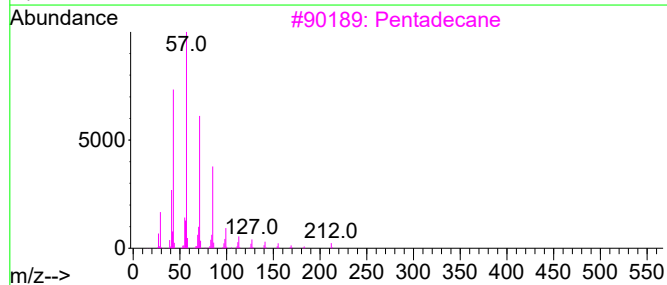
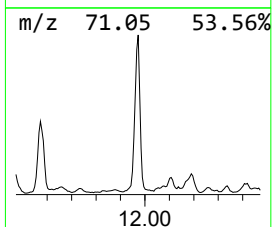
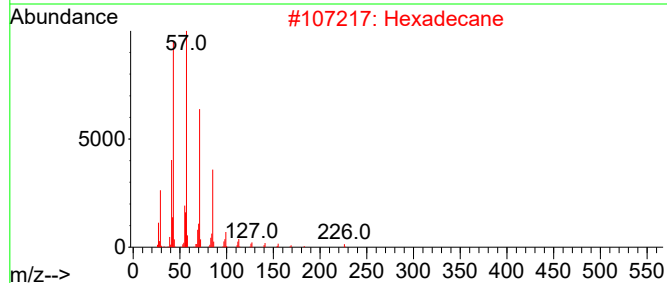
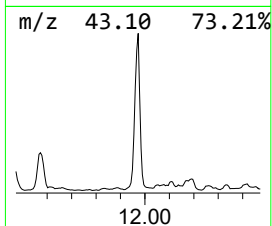
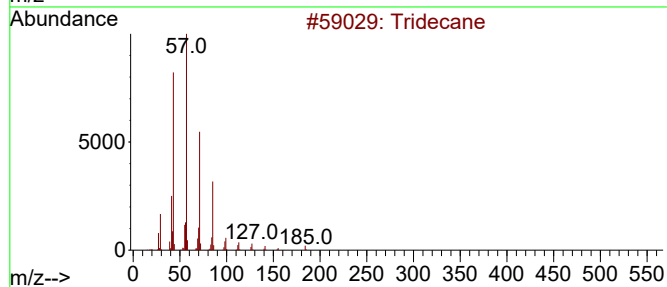
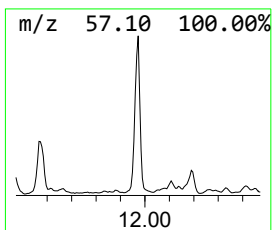
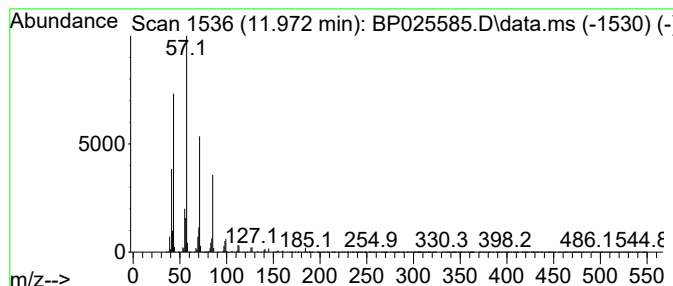
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.972	10.98 ng	1765460	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Dodecane	170	C12H26	000112-40-3	72



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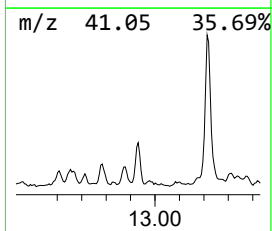
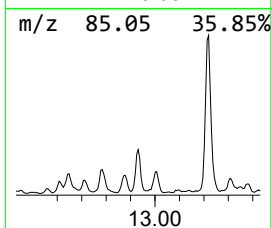
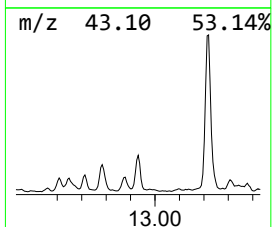
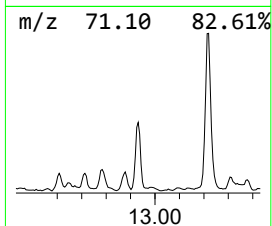
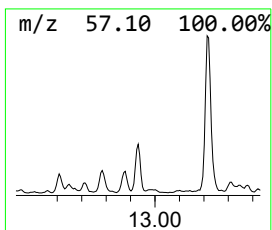
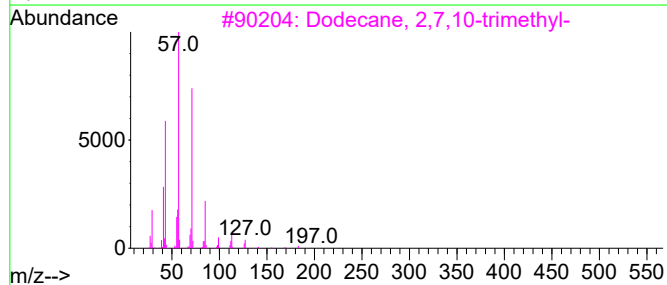
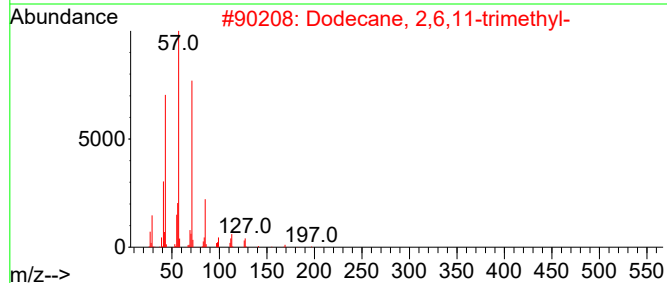
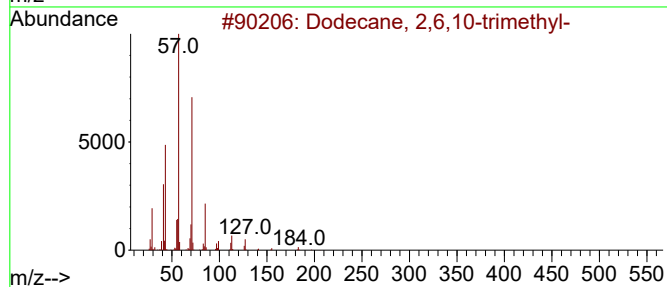
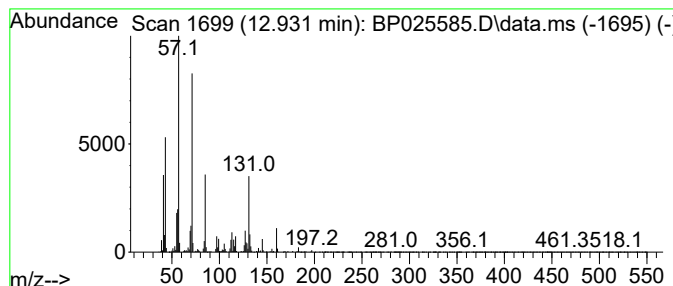
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.931	6.04 ng	894368	Acenaphthene-d10		14.396	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
4	Oxalic acid, isobutyl neopentyl ...		216	C11H20O4	1000309-72-6	50
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	47



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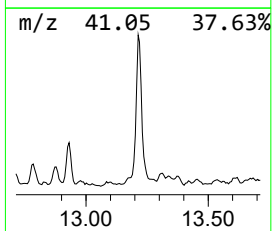
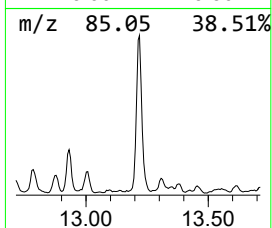
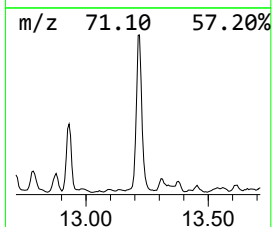
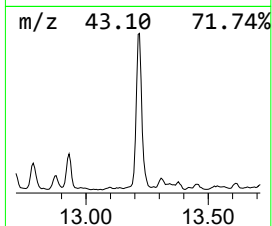
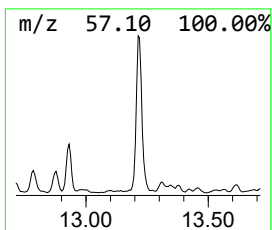
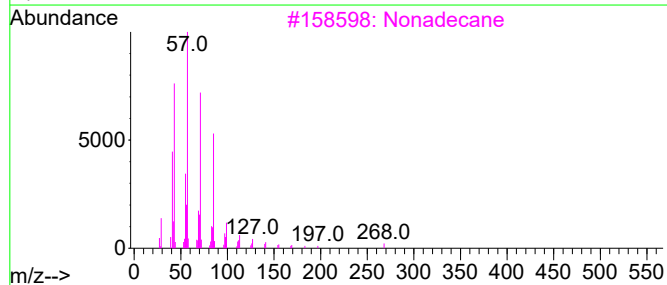
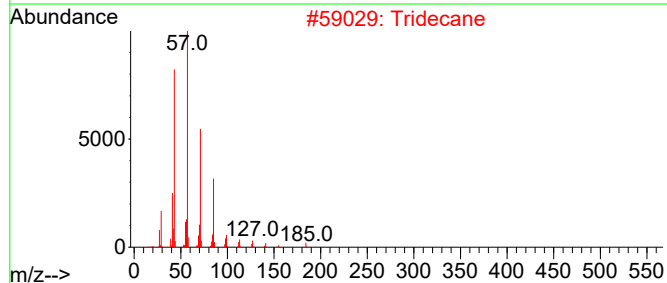
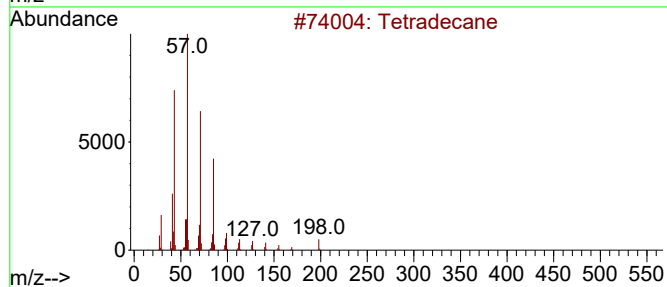
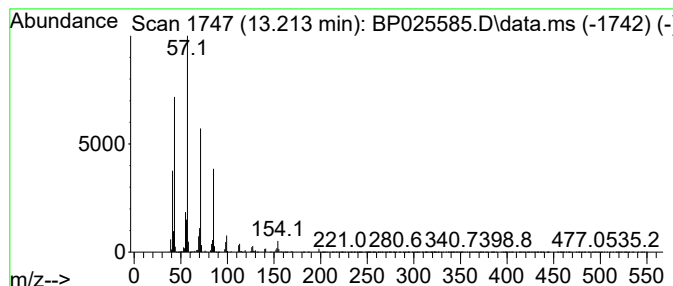
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.213	16.88 ng	2498550	Acenaphthene-d10		14.396	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	96
2	Tridecane		184	C13H28	000629-50-5	90
3	Nonadecane		268	C19H40	000629-92-5	90
4	Hexadecane		226	C16H34	000544-76-3	86
5	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

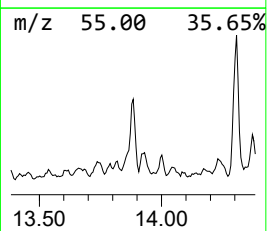
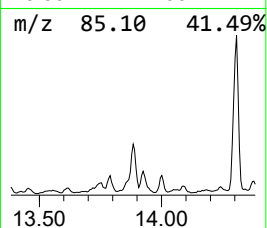
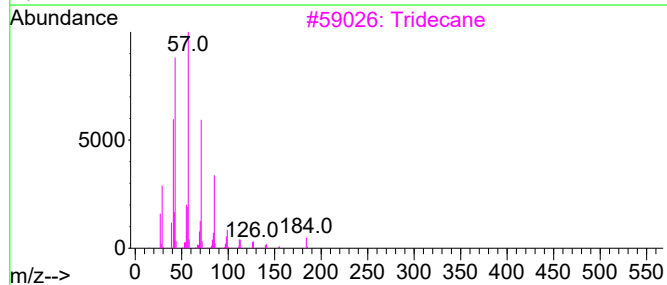
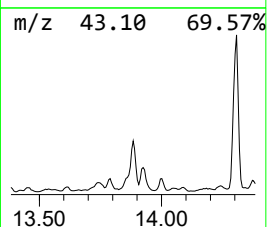
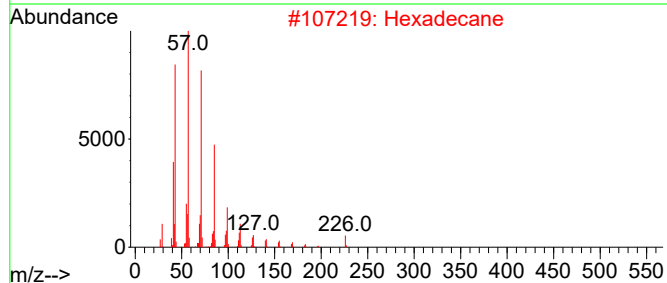
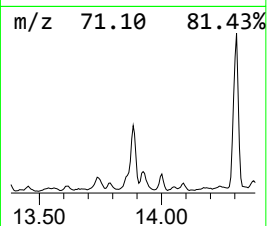
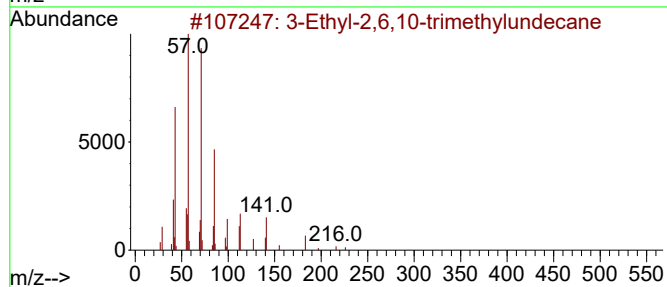
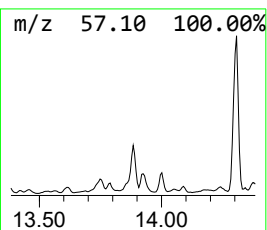
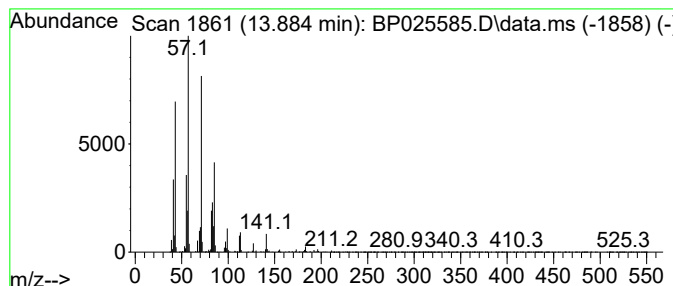
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Ethyl-2,6,10-trimethylundecane... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.884	6.11 ng	904261	Acenaphthene-d10	14.396	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	96
2	Hexadecane	226	C16H34	000544-76-3	89
3	Tridecane	184	C13H28	000629-50-5	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
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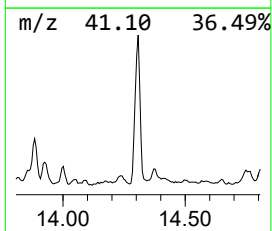
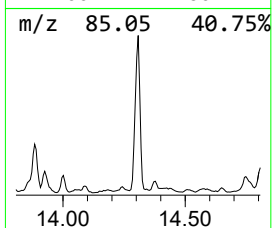
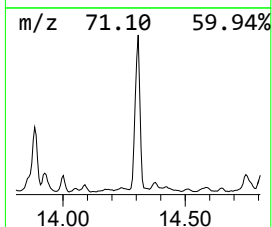
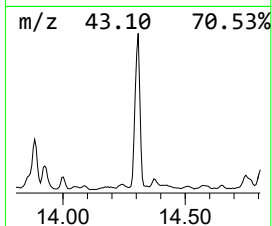
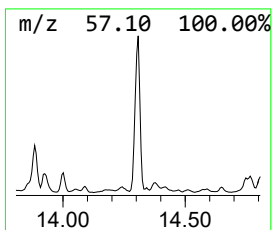
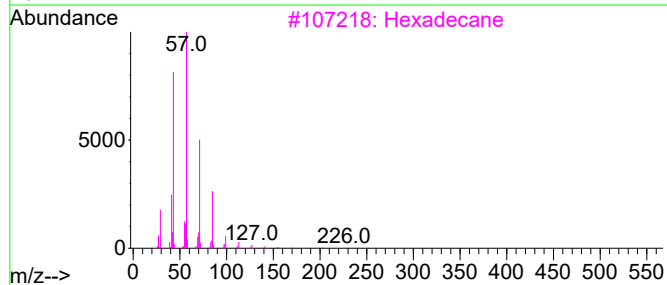
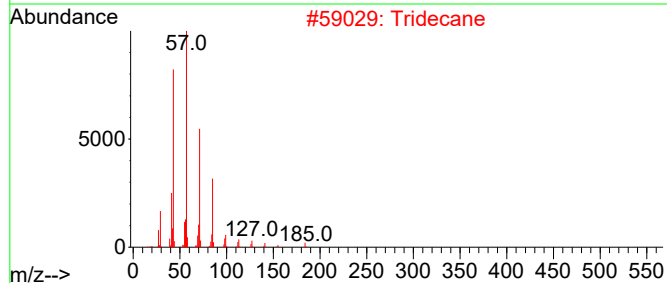
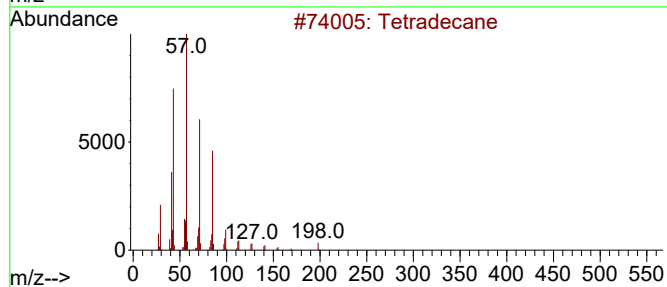
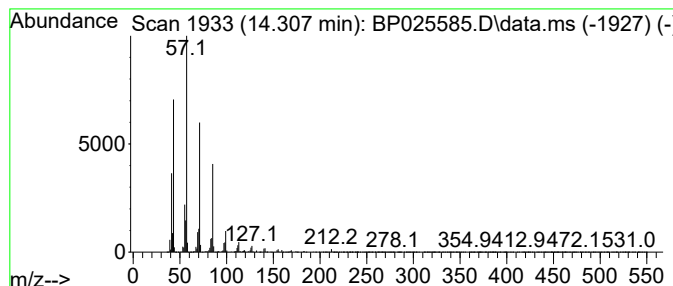
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.307	20.04 ng	2966970	Acenaphthene-d10	14.396

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-08212025

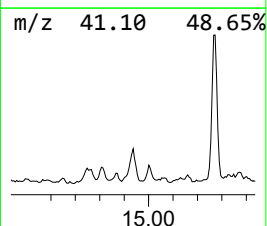
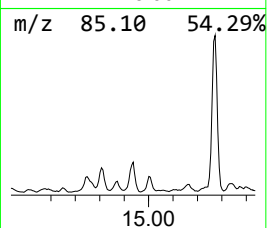
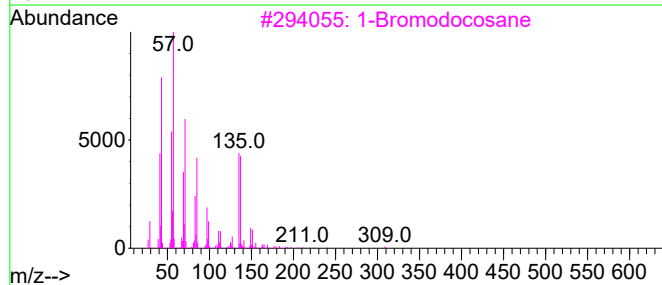
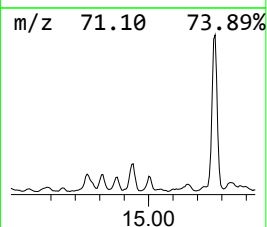
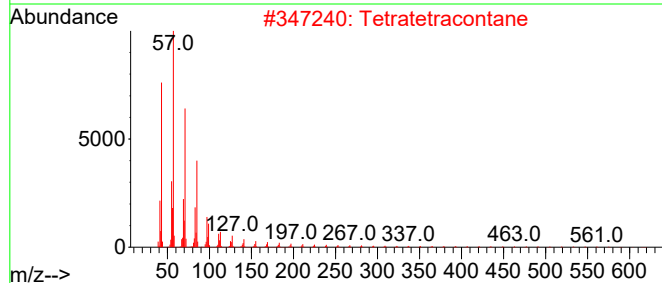
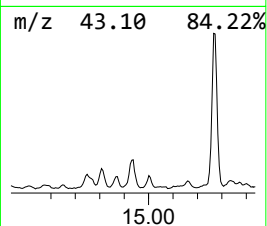
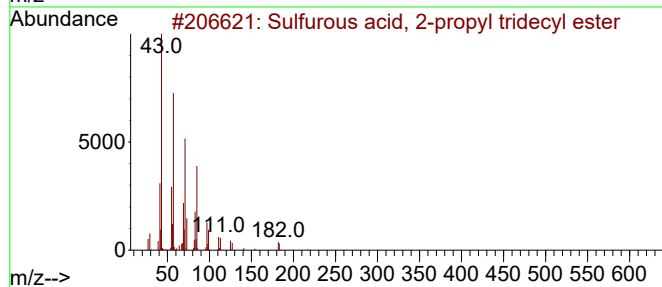
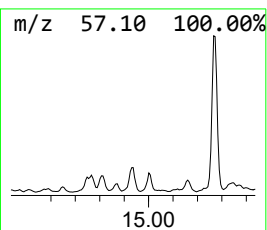
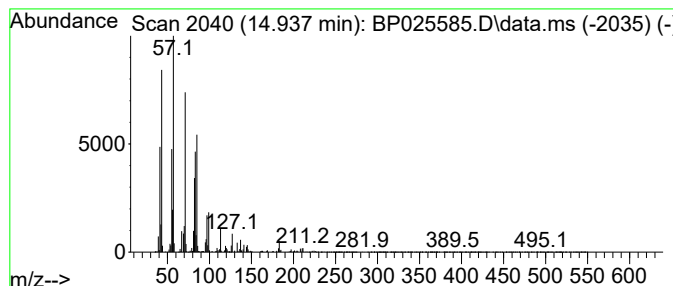
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-propyl tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.937	5.62 ng	831799	Acenaphthene-d10	14.396

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
2			Tetratetracontane	619	C44H90	007098-22-8	72
3			1-Bromodocosane	388	C22H45Br	006938-66-5	72
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	70
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
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Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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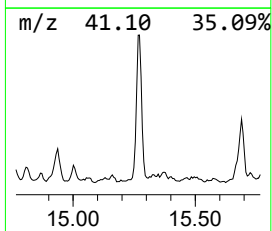
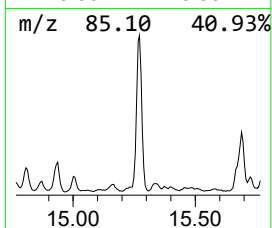
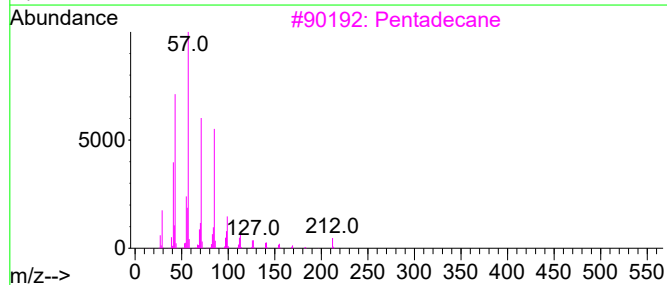
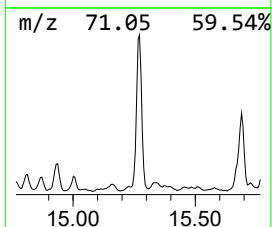
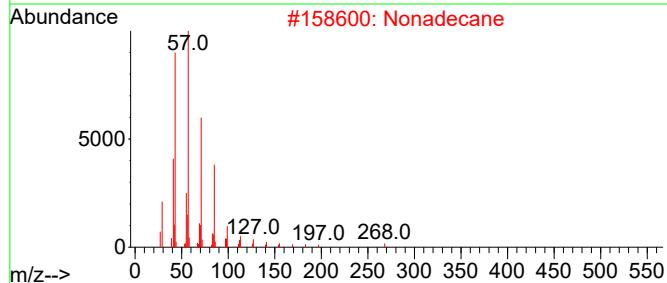
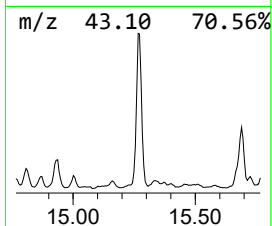
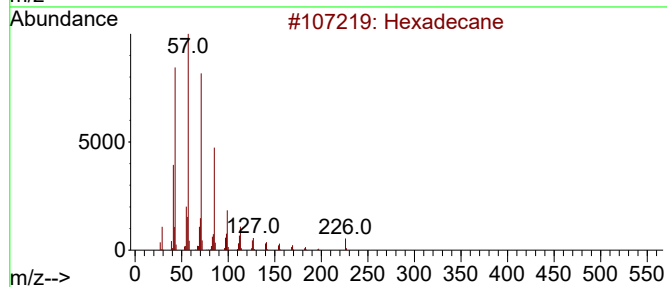
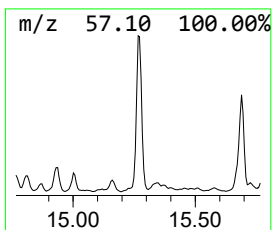
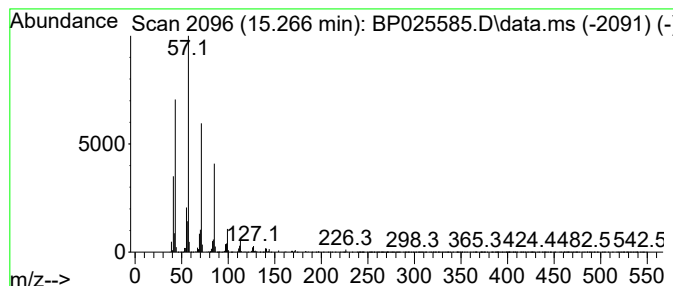
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.266	18.81 ng	2784750	Acenaphthene-d10	14.396

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

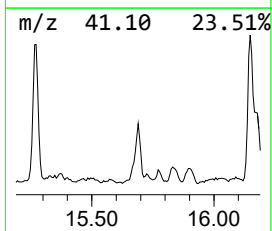
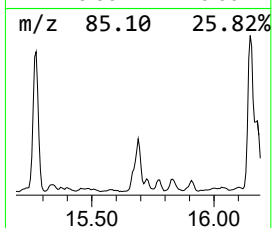
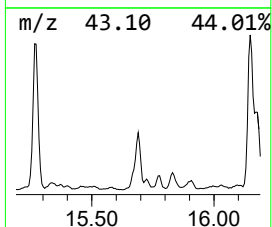
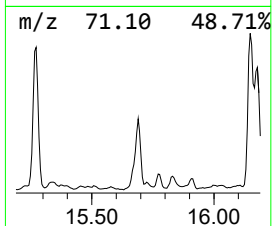
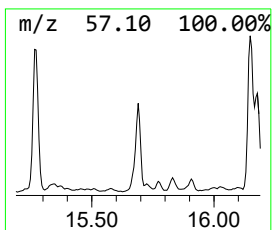
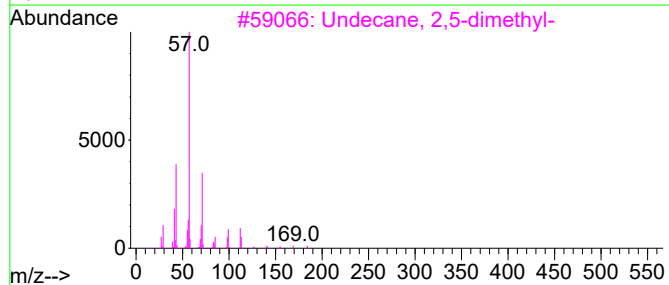
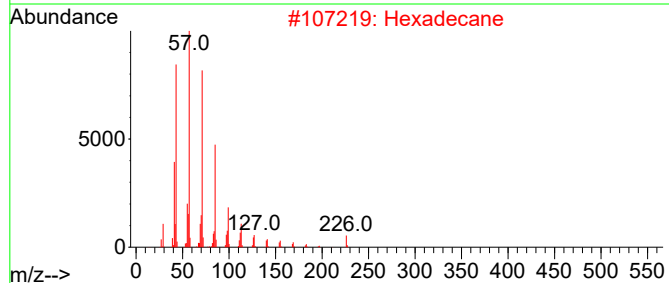
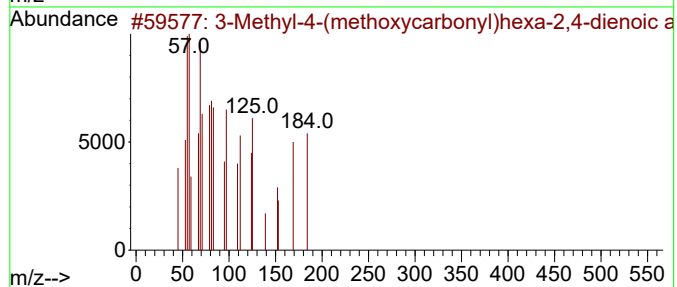
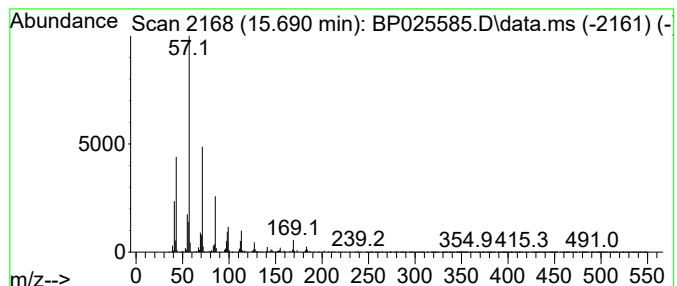
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.690	11.50 ng	1702990	Acenaphthene-d10	14.396	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
4	Octacosane	394	C28H58	000630-02-4	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
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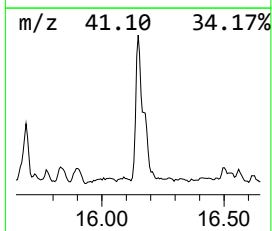
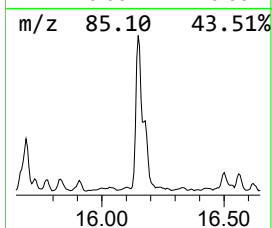
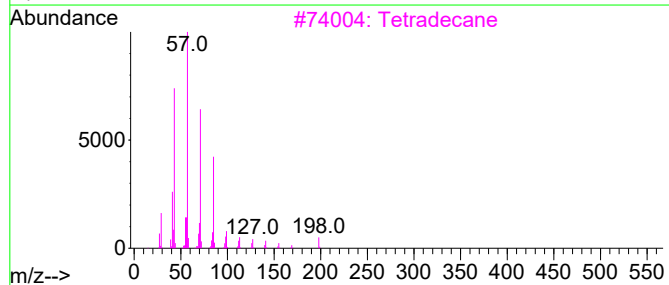
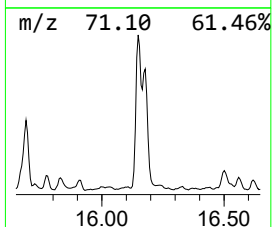
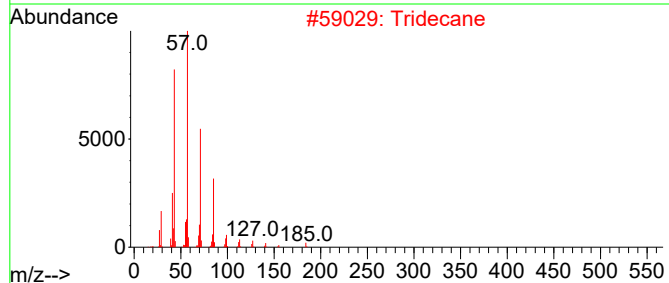
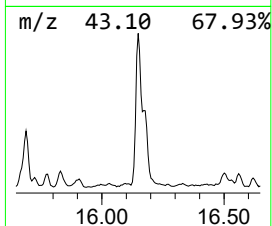
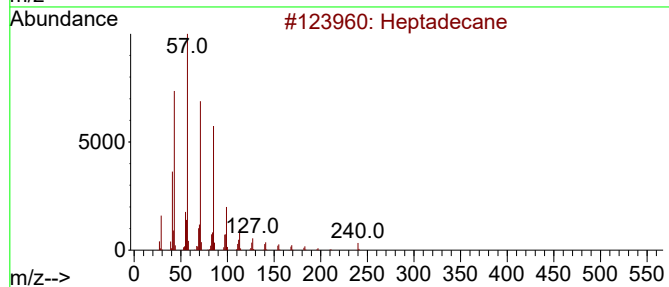
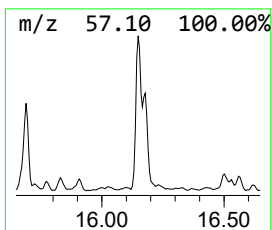
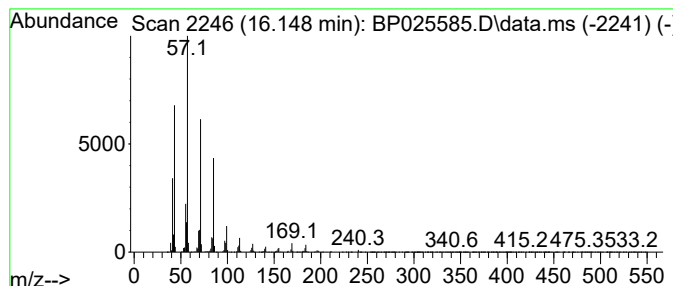
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.148	26.56 ng	3501670	Phenanthrene-d10		17.195	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	94
3	Tetradecane		198	C14H30	000629-59-4	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
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Operator : CG/JU
Sample : Q2926-01 5X
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ALS Vial : 8 Sample Multiplier: 1

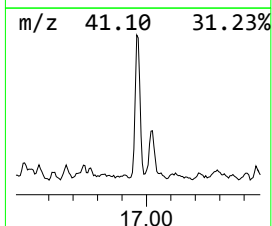
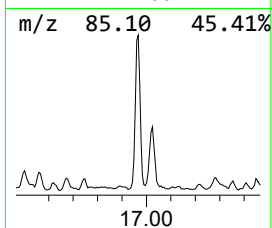
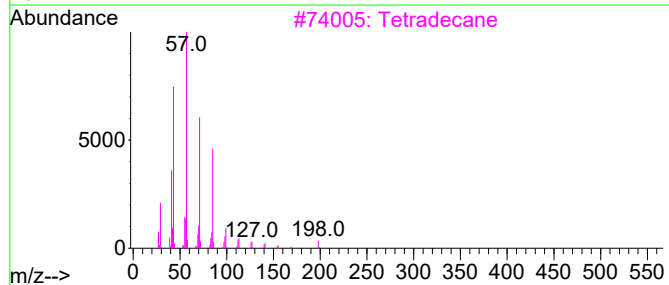
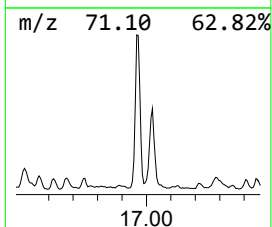
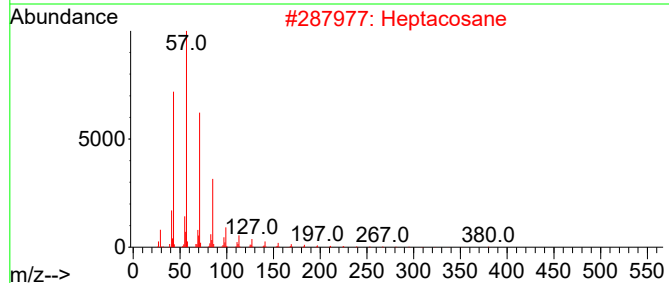
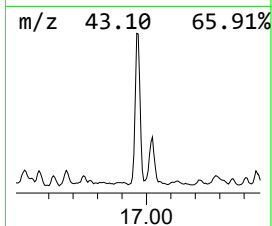
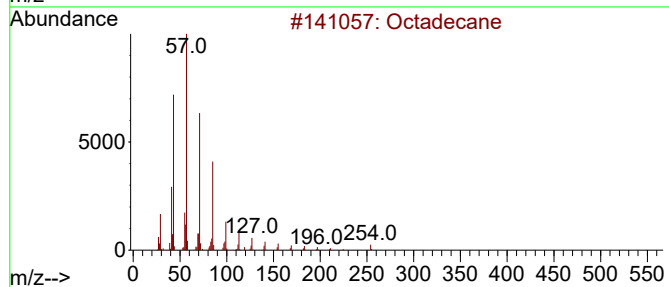
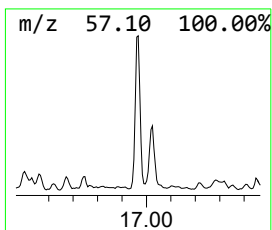
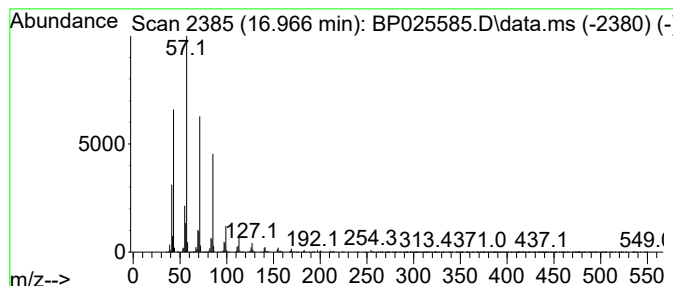
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TR-04-08212025

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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 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.966	20.14 ng	2655870	Phenanthrene-d10		17.195	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tetradecane		198	C14H30	000629-59-4	91
4	Nonadecane		268	C19H40	000629-92-5	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

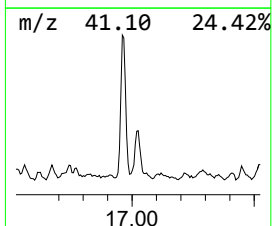
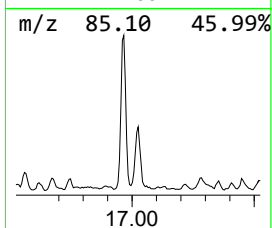
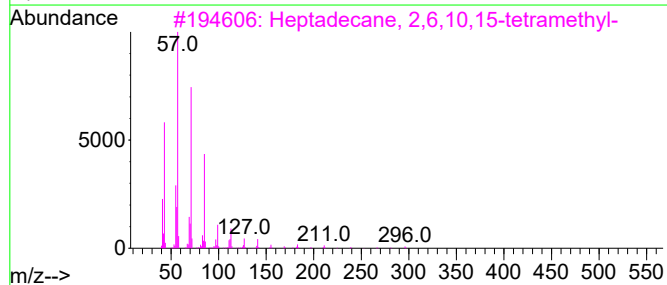
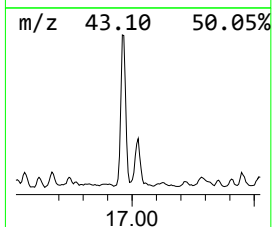
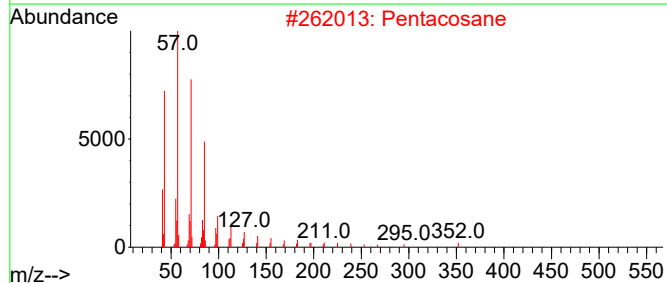
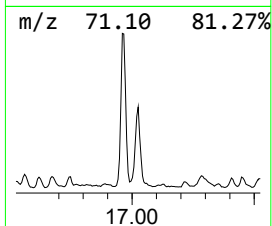
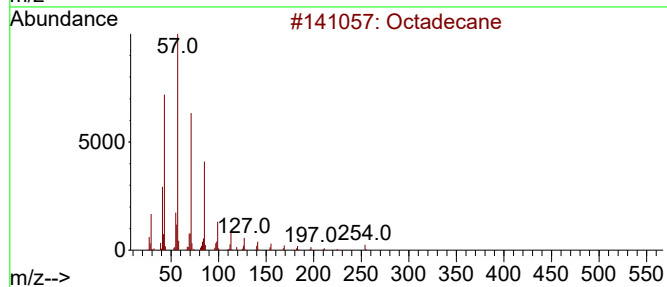
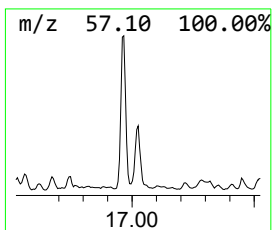
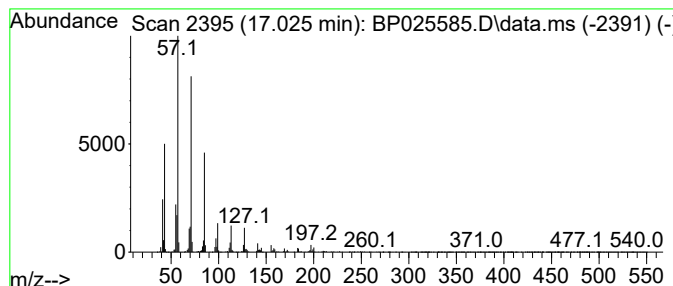
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.025	10.52 ng	1386460	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

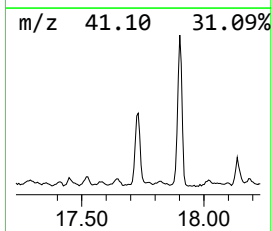
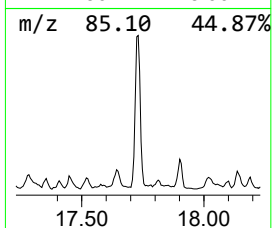
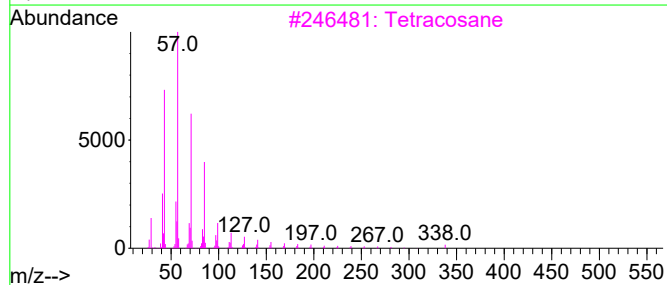
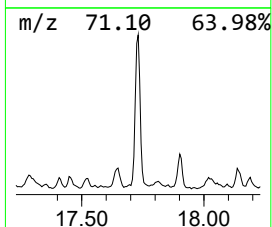
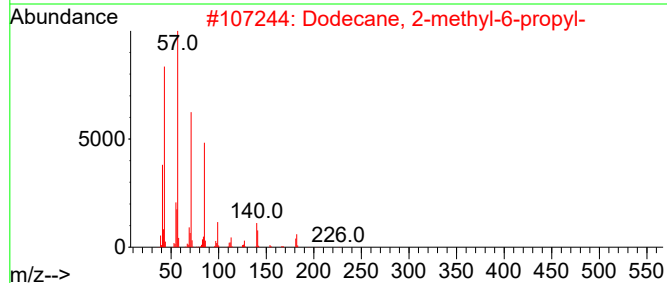
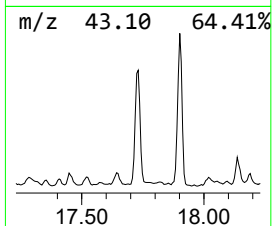
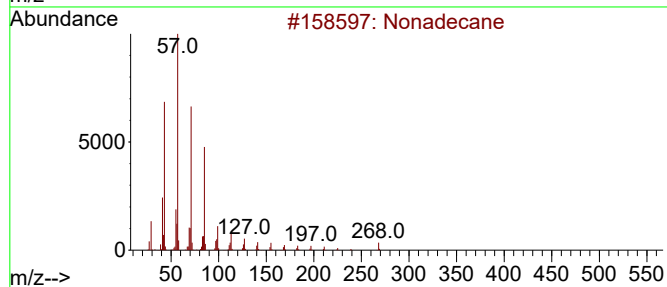
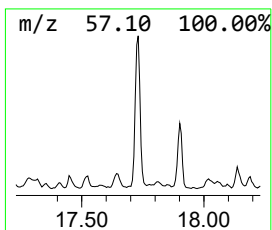
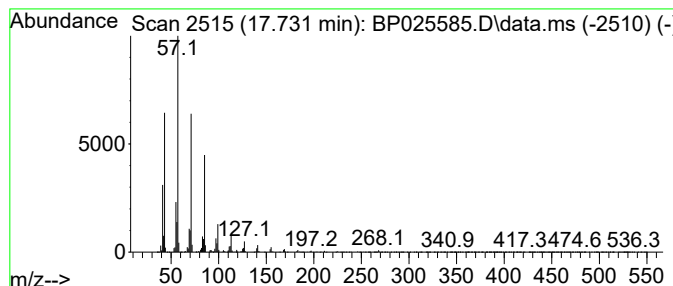
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.731	18.17 ng	2395320	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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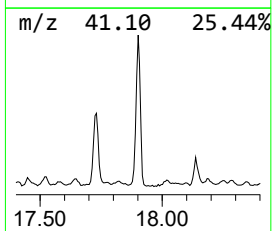
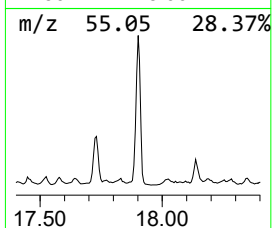
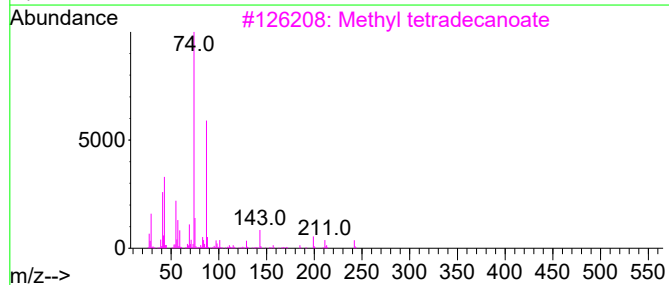
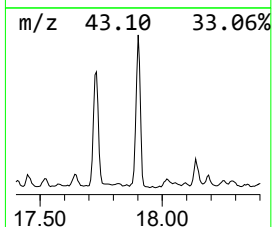
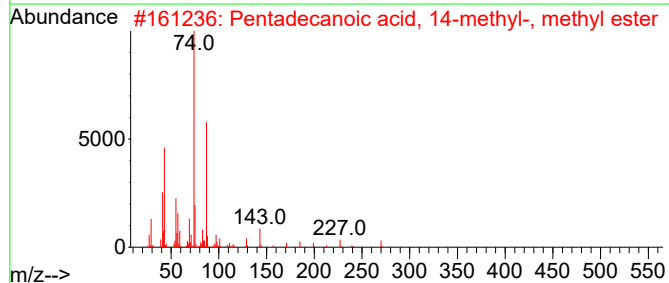
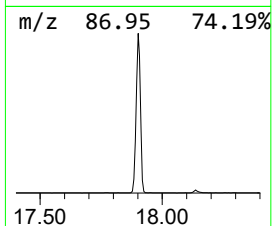
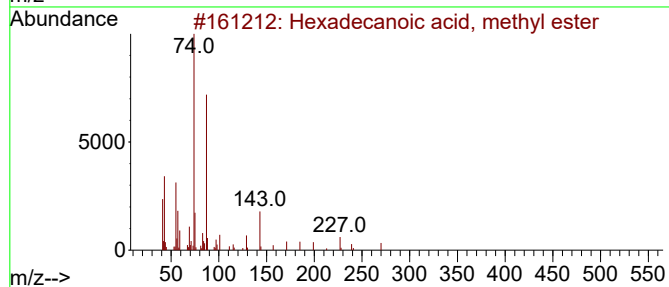
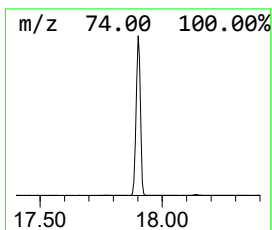
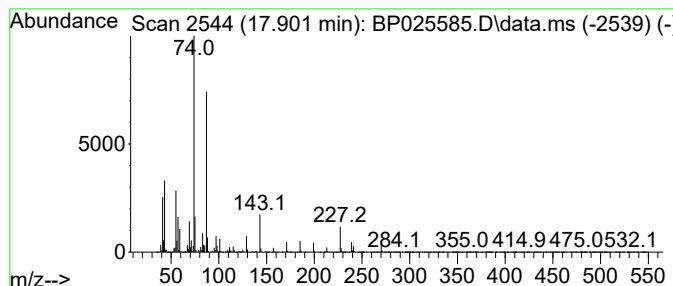
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	43.40 ng	5721820	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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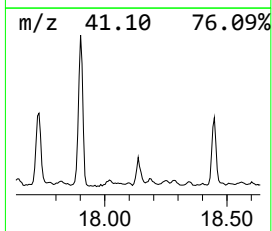
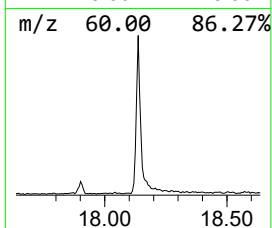
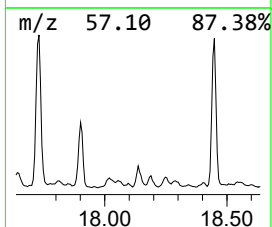
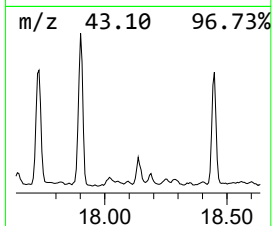
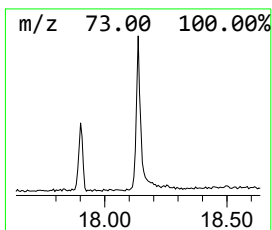
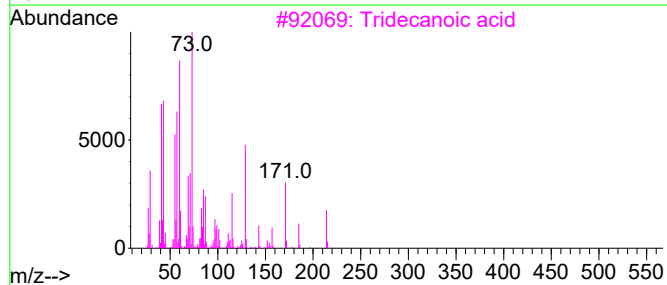
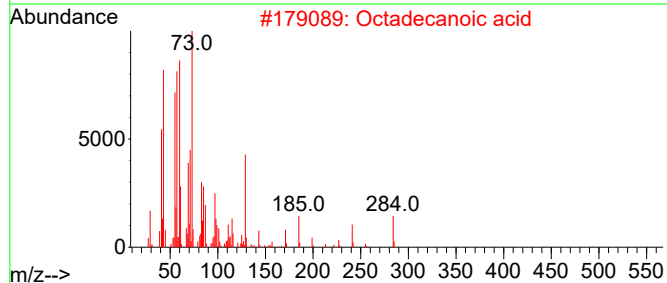
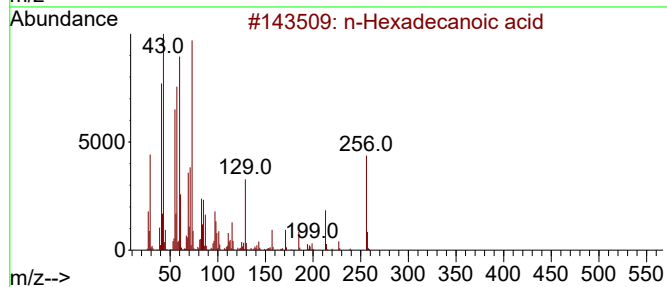
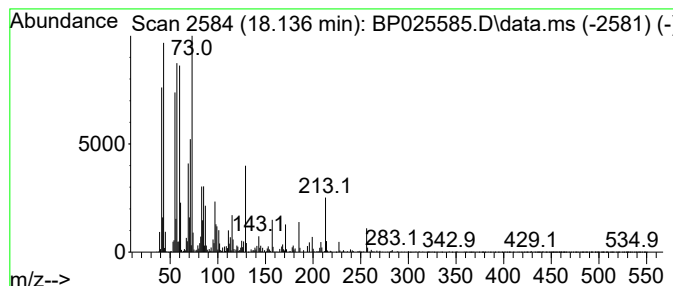
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	6.18 ng	814201	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-08212025

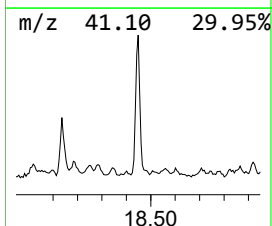
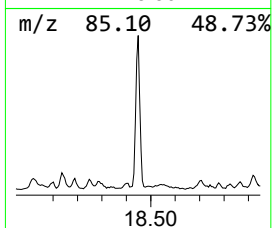
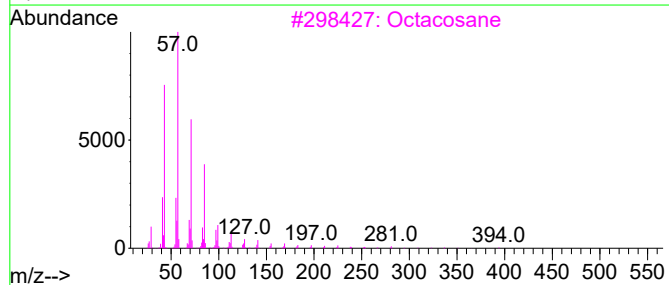
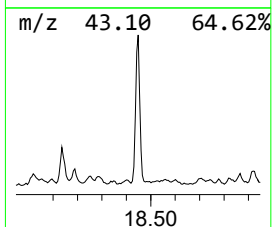
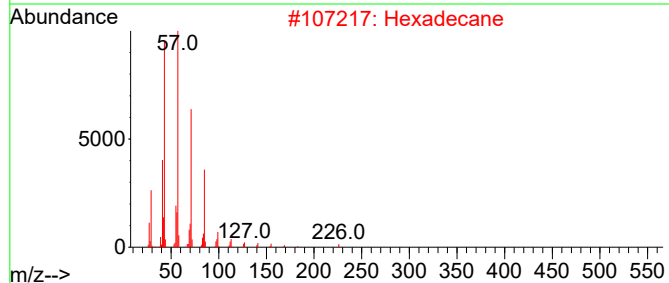
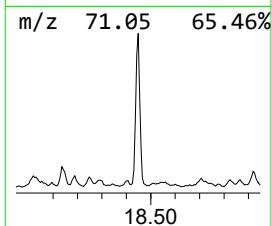
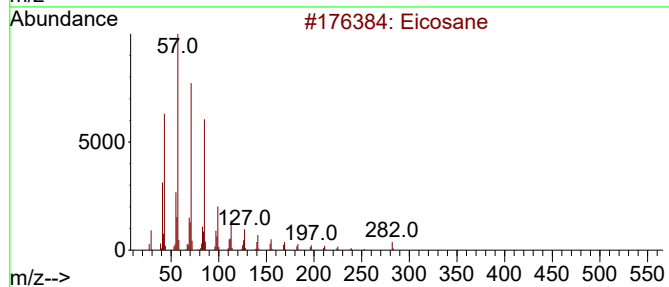
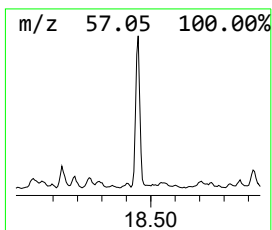
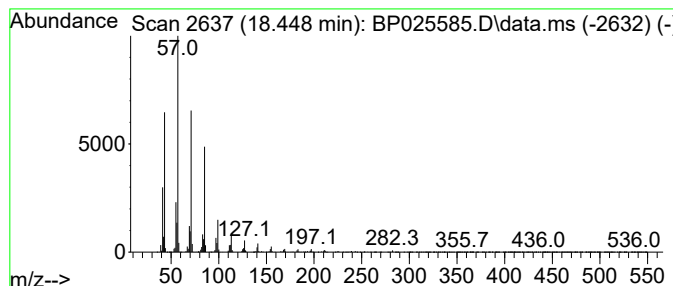
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.448	16.40 ng	2162880	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Hexadecane	226	C16H34	000544-76-3	95
3			Octacosane	394	C28H58	000630-02-4	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

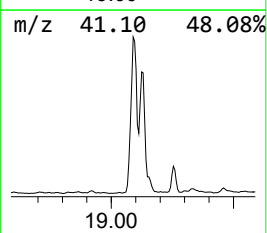
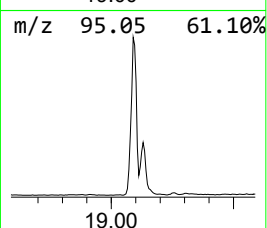
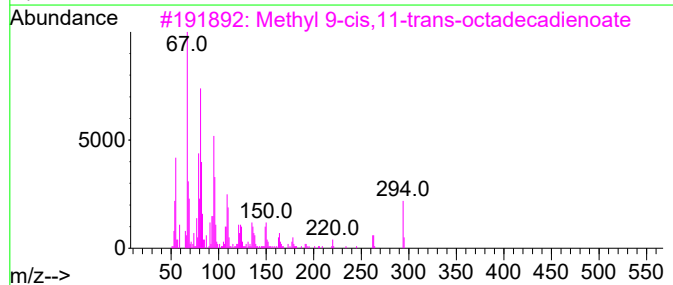
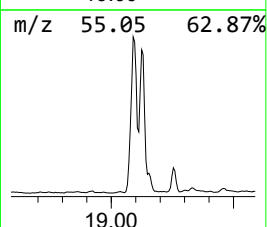
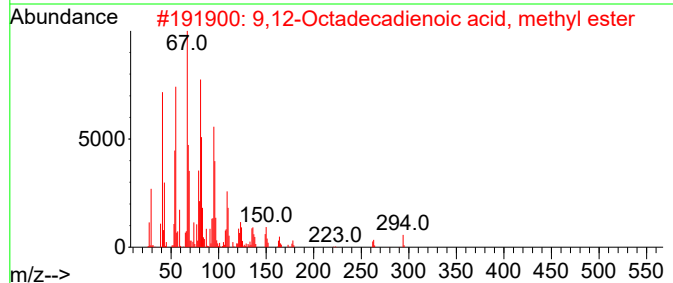
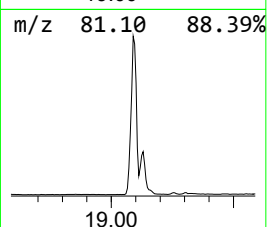
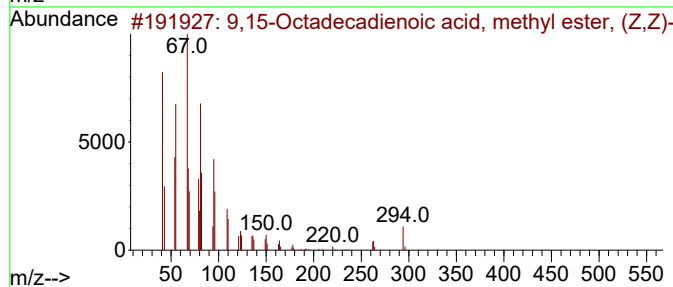
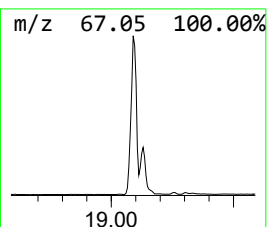
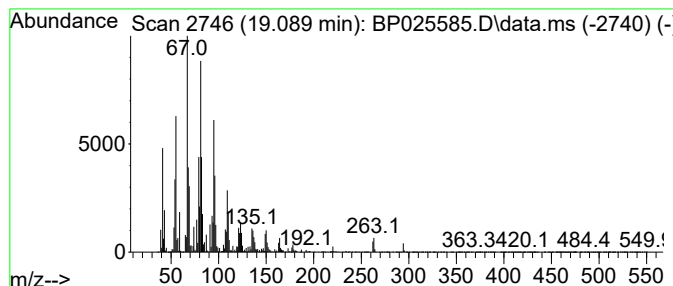
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.089	191.16 ng	25204000	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

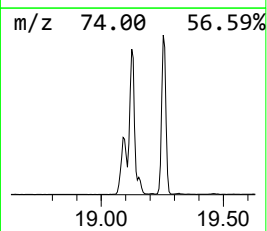
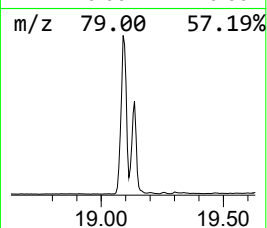
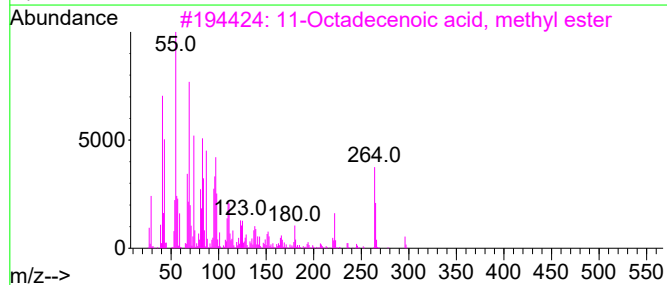
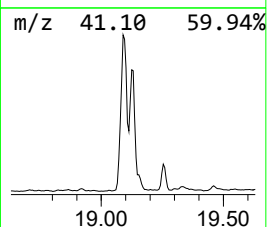
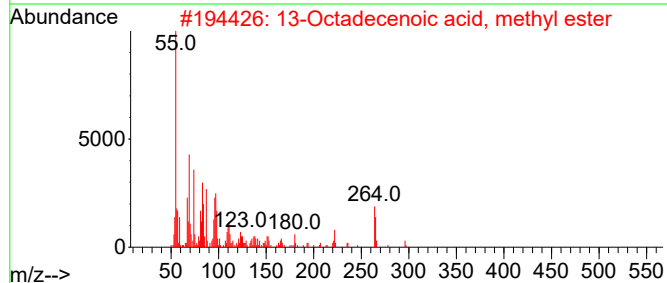
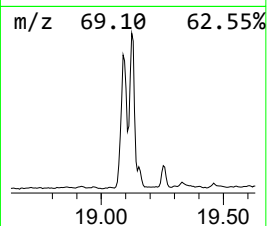
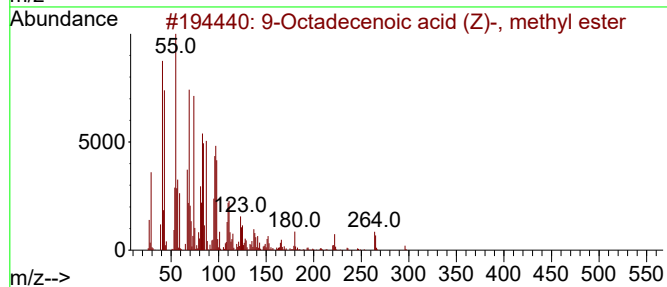
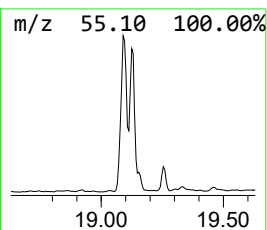
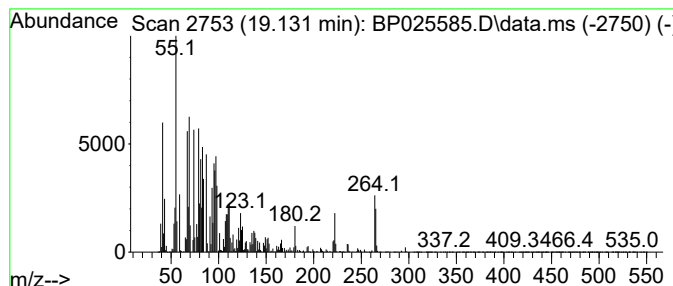
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.131	113.61 ng	14978700	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
5			(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

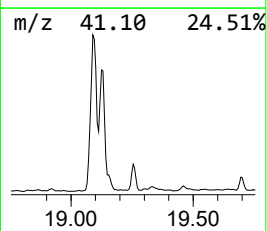
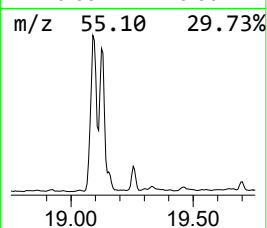
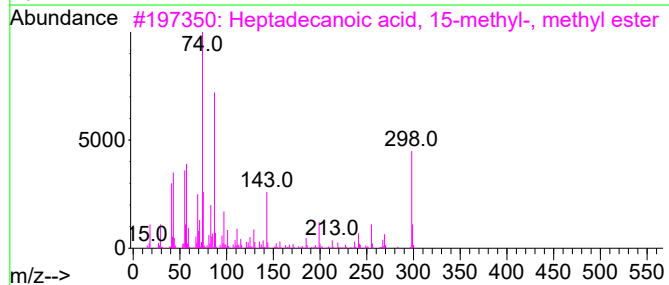
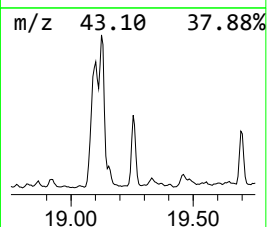
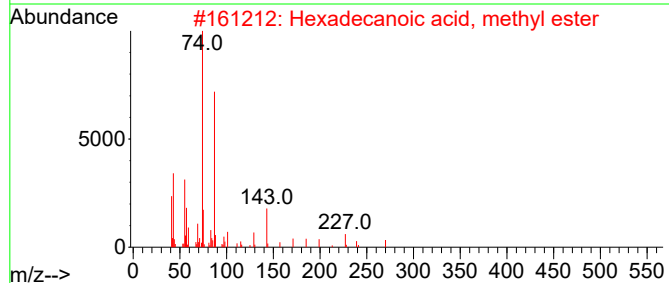
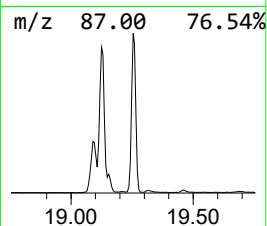
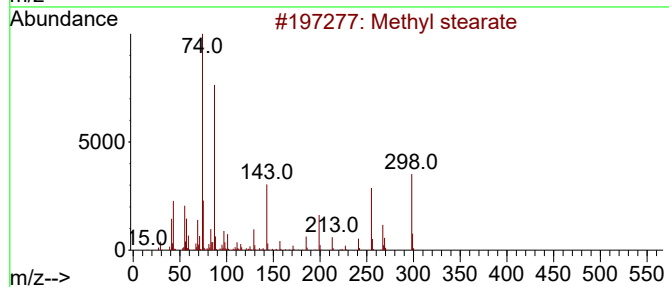
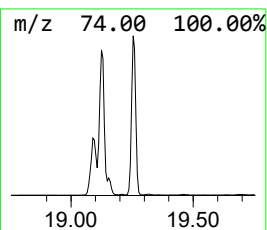
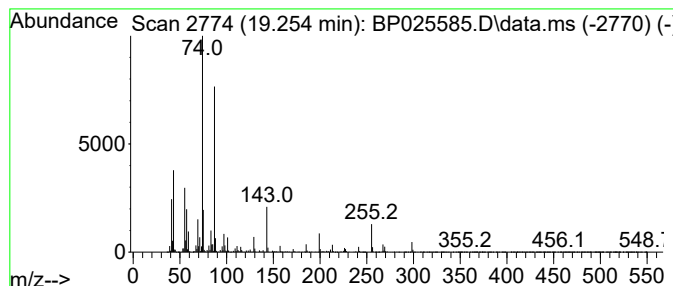
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.254	22.67 ng	2989230	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025585.D
Acq On : 26 Aug 2025 14:33
Operator : CG/JU
Sample : Q2926-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

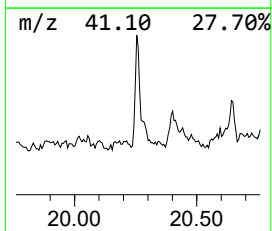
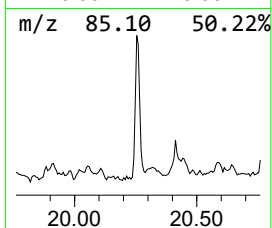
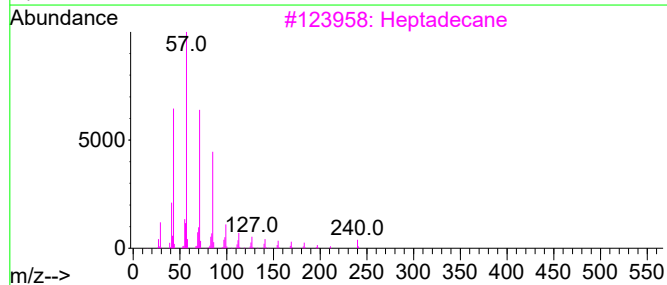
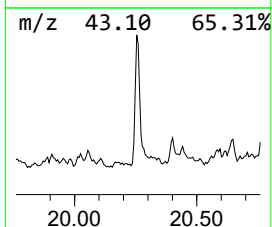
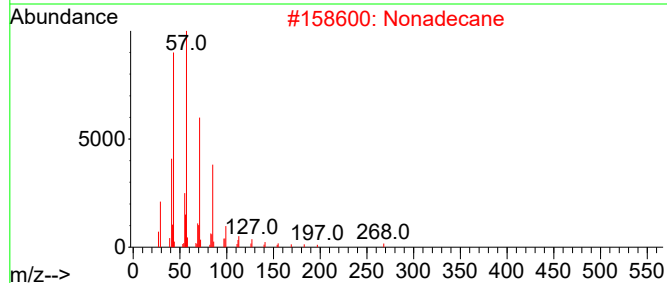
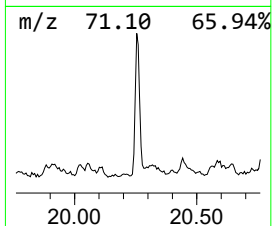
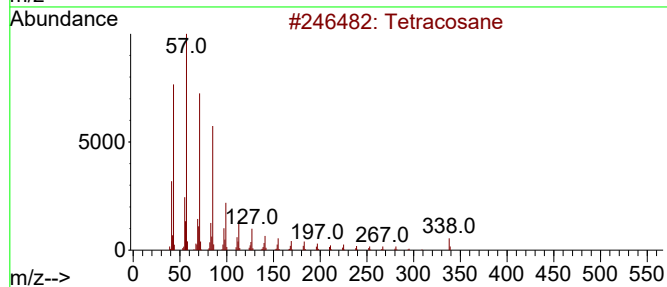
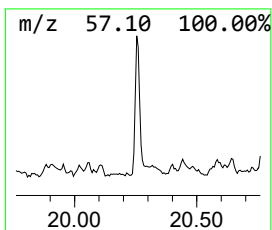
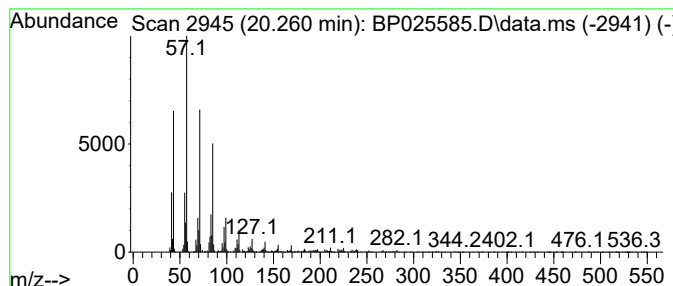
Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

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 20 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.260	11.40 ng	1592270	Chrysene-d12		21.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	97
2	Nonadecane		268	C19H40	000629-92-5	95
3	Heptadecane		240	C17H36	000629-78-7	94
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
5	Tricosane		324	C23H48	000638-67-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025585.D
 Acq On : 26 Aug 2025 14:33
 Operator : CG/JU
 Sample : Q2926-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-08212025

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
Undecane	8.990	10.5	ng	723567	1	7.778	1378480	20.0
Tridecane	11.972	11.0	ng	1765460	2	10.543	3215510	20.0
Dodecane, 2,6,1...	12.931	6.0	ng	894368	3	14.396	2961250	20.0
Tetradecane	13.213	16.9	ng	2498550	3	14.396	2961250	20.0
3-Ethyl-2,6,10-...	13.884	6.1	ng	904261	3	14.396	2961250	20.0
Hexadecane	14.307	20.0	ng	2966970	3	14.396	2961250	20.0
Sulfurous acid,...	14.937	5.6	ng	831799	3	14.396	2961250	20.0
Nonadecane	15.266	18.8	ng	2784750	3	14.396	2961250	20.0
3-Methyl-4-(met...	15.690	11.5	ng	1702990	3	14.396	2961250	20.0
Heptadecane	16.148	26.6	ng	3501670	4	17.195	2636940	20.0
Octadecane	16.966	20.1	ng	2655870	4	17.195	2636940	20.0
Pentacosane	17.025	10.5	ng	1386460	4	17.195	2636940	20.0
Dodecane, 2-met...	17.731	18.2	ng	2395320	4	17.195	2636940	20.0
Hexadecanoic ac...	17.901	43.4	ng	5721820	4	17.195	2636940	20.0
n-Hexadecanoic ...	18.136	6.2	ng	814201	4	17.195	2636940	20.0
Eicosane	18.448	16.4	ng	2162880	4	17.195	2636940	20.0
9,15-Octadecadi...	19.089	191.2	ng	25204000	4	17.195	2636940	20.0
9-Octadecenoic ...	19.131	113.6	ng	14978700	4	17.195	2636940	20.0
Methyl stearate	19.254	22.7	ng	2989230	4	17.195	2636940	20.0
Tetracosane	20.260	11.4	ng	1592270	5	21.630	2793640	20.0