

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025677.D
 Acq On : 05 Sep 2025 15:14
 Operator : CG/JU
 Sample : Q3009-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-090325

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: BP025677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.020	10	14	19	rBV	173775	228574	9.78%	0.547%
2	4.920	330	337	346	rBV	49855	80378	3.44%	0.192%
3	5.378	408	415	433	rBV	333829	578002	24.73%	1.383%
4	6.943	672	681	696	rBV	295925	584597	25.02%	1.399%
5	7.755	810	819	828	rBV	586376	1005183	43.01%	2.405%
6	8.296	898	911	916	rBV5	20799	62020	2.65%	0.148%
7	8.390	920	927	933	rBV5	26431	52390	2.24%	0.125%
8	8.843	994	1004	1008	rBV2	45864	102655	4.39%	0.246%
9	8.896	1008	1013	1021	rVV	186815	394006	16.86%	0.943%
10	8.966	1021	1025	1030	rVB	52085	82431	3.53%	0.197%
11	9.096	1042	1047	1053	rVB6	36959	76541	3.28%	0.183%
12	9.455	1105	1108	1113	rVB2	43941	61059	2.61%	0.146%
13	9.660	1139	1143	1147	rVV5	30199	56862	2.43%	0.136%
14	9.719	1147	1153	1159	rVV6	54101	121064	5.18%	0.290%
15	9.884	1175	1181	1184	rVV4	40074	75042	3.21%	0.180%
16	9.931	1184	1189	1197	rVV5	47822	154990	6.63%	0.371%
17	10.113	1216	1220	1224	rVV4	31125	57004	2.44%	0.136%
18	10.160	1224	1228	1234	rVB	53205	82940	3.55%	0.198%
19	10.225	1234	1239	1248	rBV3	31490	69800	2.99%	0.167%
20	10.519	1279	1289	1296	rBV	814587	1653759	70.77%	3.957%
21	10.684	1313	1317	1322	rVB	67270	107330	4.59%	0.257%
22	10.743	1322	1327	1335	rBV7	36696	76922	3.29%	0.184%
23	10.990	1364	1369	1378	rVB4	63303	139057	5.95%	0.333%
24	11.102	1380	1388	1392	rBV4	48130	89112	3.81%	0.213%
25	11.184	1398	1402	1404	rBV3	46651	75211	3.22%	0.180%
26	11.284	1416	1419	1426	rVB5	34161	67144	2.87%	0.161%
27	11.360	1426	1432	1438	rBV6	69644	136394	5.84%	0.326%
28	11.437	1439	1445	1452	rVV3	94922	179733	7.69%	0.430%
29	11.543	1458	1463	1468	rBV	125444	229554	9.82%	0.549%
30	11.631	1475	1478	1484	rVB2	51034	83004	3.55%	0.199%
31	11.713	1486	1492	1500	rBV3	143331	294317	12.59%	0.704%
32	11.943	1523	1531	1537	rBV	294390	489771	20.96%	1.172%
33	12.072	1549	1553	1559	rVB2	97638	169831	7.27%	0.406%
34	12.154	1563	1567	1578	rVB7	69454	192271	8.23%	0.460%
35	12.396	1603	1608	1611	rBV6	44881	80242	3.43%	0.192%
36	12.437	1611	1615	1619	rVV	239505	353588	15.13%	0.846%

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

37	12.513	1626	1628	1634	rVB2	51052	63123	2.70%	0.151%
38	12.578	1634	1639	1644	rBV6	69067	121937	5.22%	0.292%
39	12.649	1644	1651	1655	rBV4	47078	115500	4.94%	0.276%
40	12.696	1655	1659	1665	rBV7	88223	186026	7.96%	0.445%
41	12.760	1666	1670	1676	rVB2	93413	159104	6.81%	0.381%
42	12.854	1681	1686	1691	rBV4	101681	184118	7.88%	0.441%
43	12.907	1691	1695	1700	rVV2	257059	397251	17.00%	0.951%
44	12.990	1701	1709	1719	rVV	560780	1007881	43.13%	2.412%
45	13.072	1720	1723	1728	rVB5	59006	88265	3.78%	0.211%
46	13.148	1733	1736	1739	rVV4	45294	75841	3.25%	0.181%
47	13.196	1739	1744	1751	rVB	560170	834214	35.70%	1.996%
48	13.319	1757	1765	1769	rBV3	143351	295145	12.63%	0.706%
49	13.372	1770	1774	1777	rVB2	93741	132421	5.67%	0.317%
50	13.525	1797	1800	1808	rBV6	61625	110760	4.74%	0.265%
51	13.654	1818	1822	1824	rBV4	72899	117529	5.03%	0.281%
52	13.743	1833	1837	1841	rBV5	94673	148855	6.37%	0.356%
53	13.837	1850	1853	1854	rBV2	126046	126333	5.41%	0.302%
54	13.866	1854	1858	1861	rVV2	300974	460556	19.71%	1.102%
55	13.901	1861	1864	1869	rVB3	138570	191915	8.21%	0.459%
56	14.037	1884	1887	1892	rVB5	38242	65115	2.79%	0.156%
57	14.219	1914	1918	1923	rVB7	89960	156477	6.70%	0.374%
58	14.284	1924	1929	1934	rVB	854168	1150482	49.23%	2.753%
59	14.384	1937	1946	1954	rBV	1116809	2068032	88.49%	4.949%
60	14.760	2003	2010	2013	rBV8	82592	205390	8.79%	0.491%
61	14.801	2013	2017	2023	rVV3	144774	218063	9.33%	0.522%
62	14.854	2023	2026	2030	rVV2	67885	95785	4.10%	0.229%
63	14.913	2032	2036	2045	rVB4	228187	426668	18.26%	1.021%
64	14.984	2045	2048	2051	rBV	72647	86156	3.69%	0.206%
65	15.254	2089	2094	2099	rVB	1021090	1341259	57.39%	3.209%
66	15.448	2123	2127	2130	rBV4	65159	100091	4.28%	0.240%
67	15.619	2153	2156	2157	rBV2	55880	62967	2.69%	0.151%
68	15.672	2158	2165	2170	rVB	433240	814934	34.87%	1.950%
69	15.772	2178	2182	2188	rVB3	170933	251245	10.75%	0.601%
70	15.831	2188	2192	2198	rBV3	132059	247971	10.61%	0.593%
71	15.907	2199	2205	2212	rVV2	453260	841696	36.02%	2.014%
72	16.142	2240	2245	2247	rBV	1253468	1621944	69.40%	3.881%
73	16.166	2247	2249	2255	rVB	812408	952460	40.76%	2.279%
74	16.489	2301	2304	2308	rBV	89363	123732	5.29%	0.296%
75	16.537	2308	2312	2313	rBV3	78372	95679	4.09%	0.229%
76	16.607	2322	2324	2328	rVB3	61166	68765	2.94%	0.165%

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77	16.731	2342	2345	2347	rBV2	70346	76100	3.26%	0.182%
78	16.954	2378	2383	2387	rBV	1255014	1424303	60.95%	3.408%
79	17.007	2388	2392	2403	rVB	448241	824303	35.27%	1.972%
80	17.189	2418	2423	2429	rBV2	1275573	2049226	87.69%	4.904%
81	17.395	2455	2458	2463	rVB3	70978	95705	4.10%	0.229%
82	17.442	2463	2466	2470	rBV3	77172	89341	3.82%	0.214%
83	17.513	2475	2478	2484	rVB4	97462	142480	6.10%	0.341%
84	17.636	2496	2499	2504	rVB2	124716	191345	8.19%	0.458%
85	17.719	2508	2513	2519	rVB	967600	1312348	56.16%	3.140%
86	18.007	2560	2562	2567	rVB3	74575	86404	3.70%	0.207%
87	18.131	2579	2583	2589	rBV	374320	596854	25.54%	1.428%
88	18.260	2601	2605	2607	rBV2	65814	98746	4.23%	0.236%
89	18.436	2630	2635	2641	rVB	878101	1115380	47.73%	2.669%
90	18.925	2715	2718	2722	rVB2	98043	125898	5.39%	0.301%
91	19.095	2743	2747	2755	rVB	773445	1036249	44.34%	2.480%
92	19.331	2783	2787	2792	rBV	138874	213156	9.12%	0.510%
93	19.460	2805	2809	2819	rBV3	195479	363516	15.56%	0.870%
94	19.701	2846	2850	2855	rBV	628156	744649	31.86%	1.782%
95	19.913	2882	2886	2892	rVB	888824	1324734	56.69%	3.170%
96	20.260	2941	2945	2949	rVB	445490	458442	19.62%	1.097%
97	20.783	3030	3034	3039	rVB	251570	311565	13.33%	0.746%
98	21.313	3121	3124	3129	rVB	235009	284321	12.17%	0.680%
99	21.642	3175	3180	3192	rVB2	1283548	2334320	99.89%	5.586%
100	25.013	3747	3753	3765	rVB	867783	2336966	100.00%	5.592%

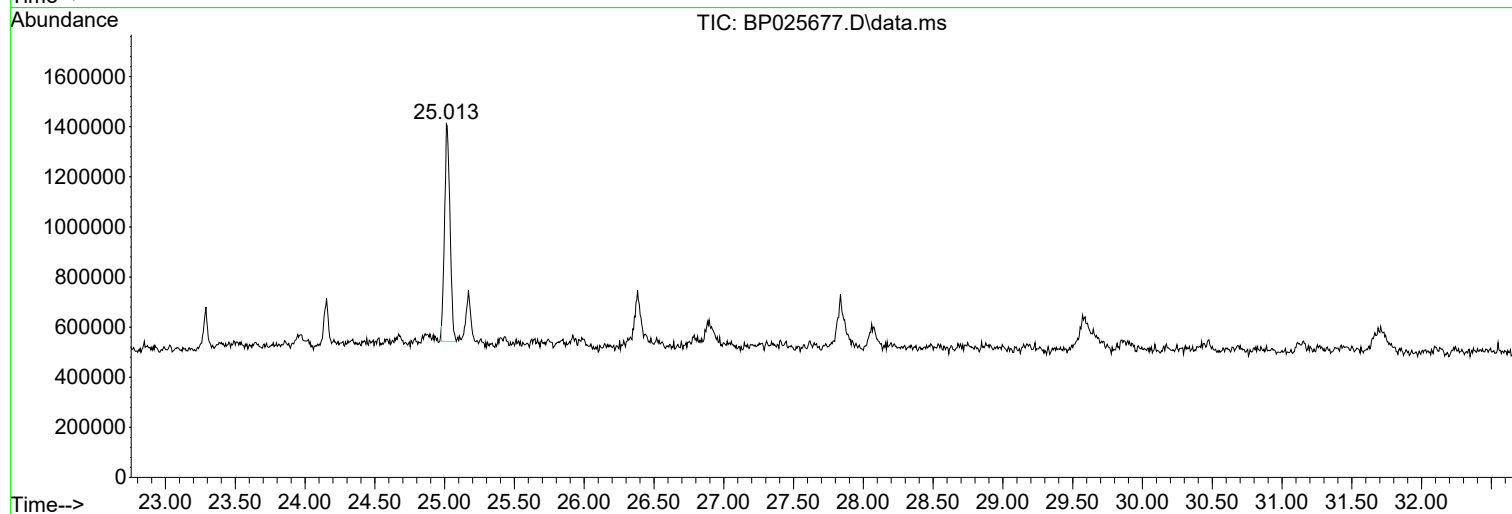
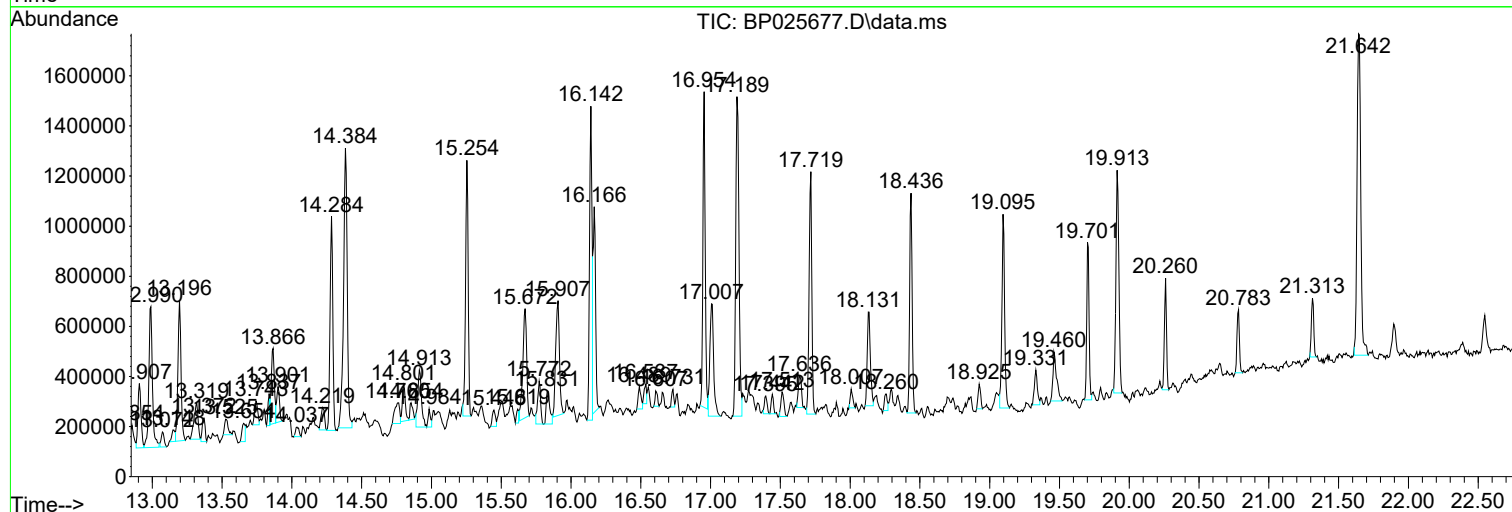
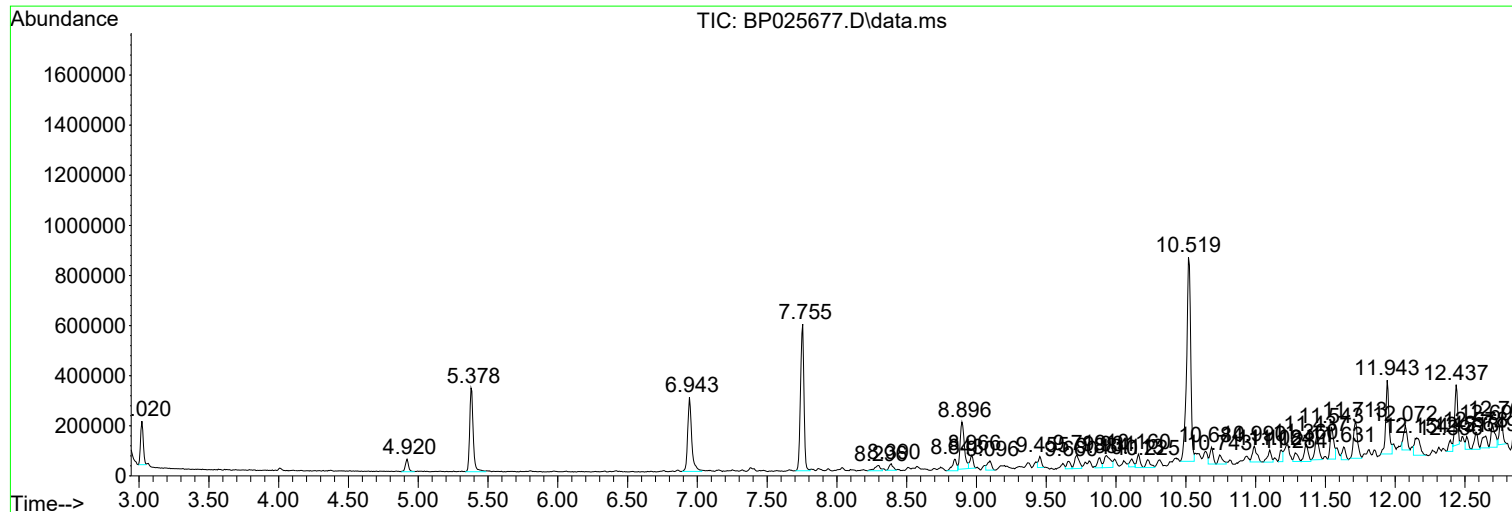
Sum of corrected areas: 41790814

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

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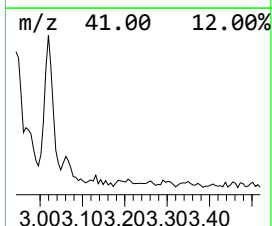
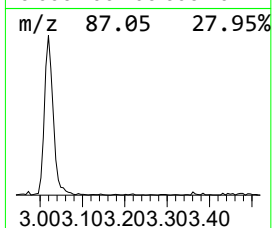
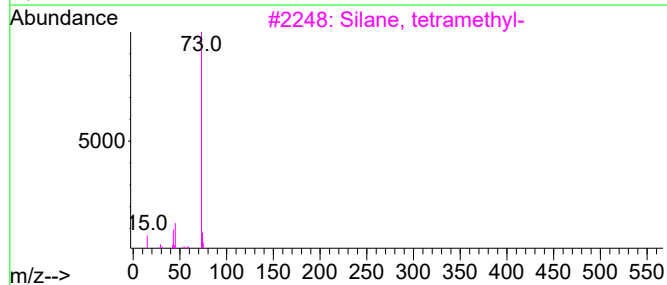
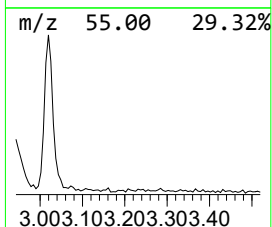
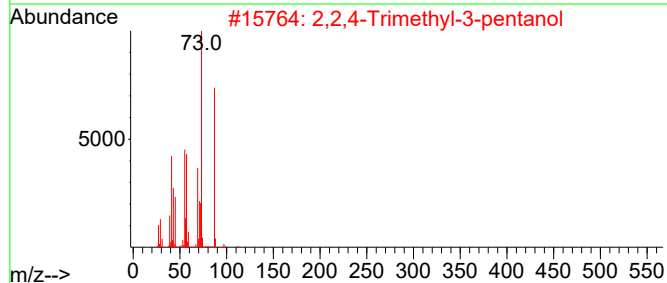
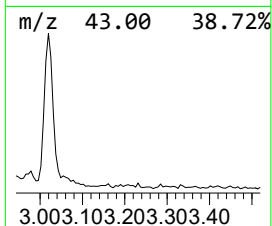
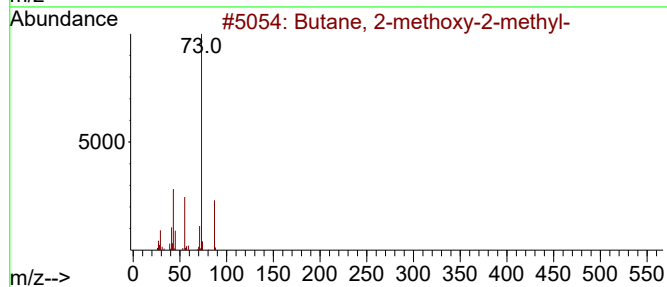
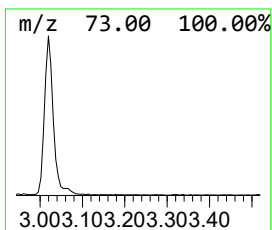
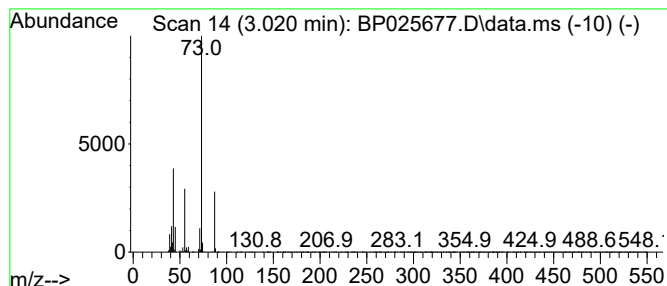
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.020	4.55 ng	228574	1,4-Dichlorobenzene-d4	7.755

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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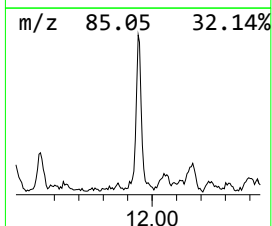
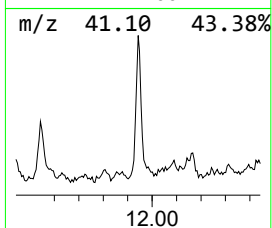
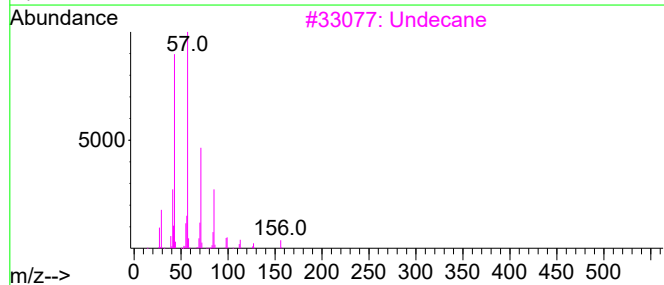
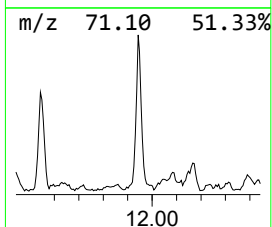
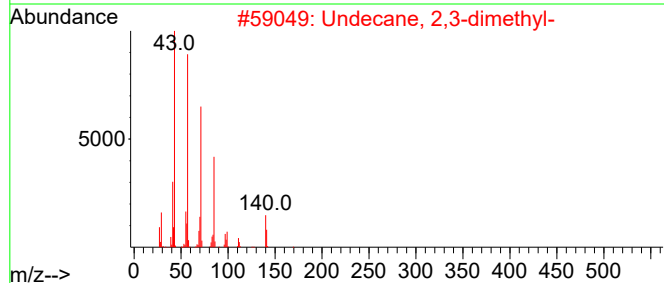
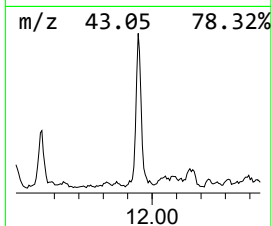
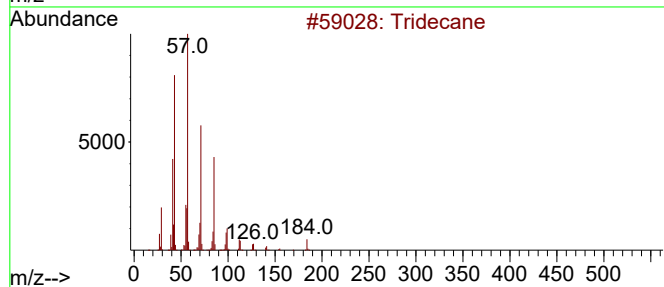
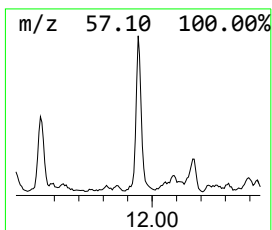
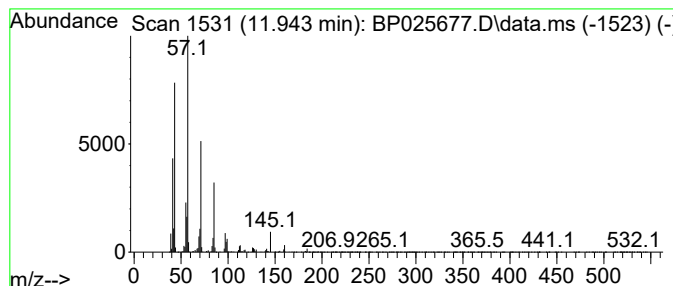
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	5.92 ng	489771	Naphthalene-d8	10.519

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3			Undecane	156	C11H24	001120-21-4	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Hexadecane	226	C16H34	000544-76-3	80



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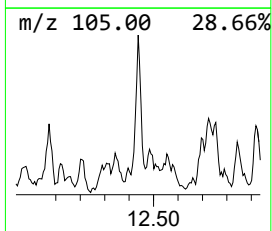
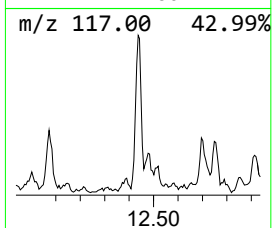
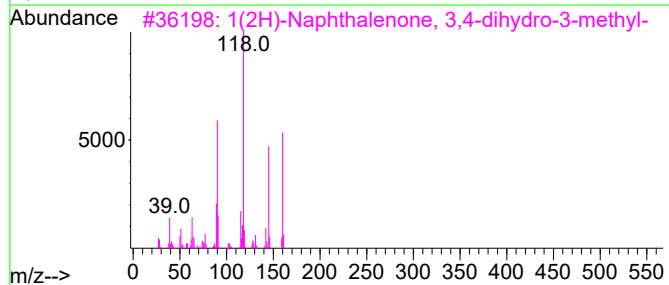
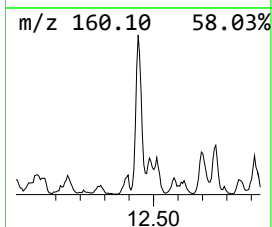
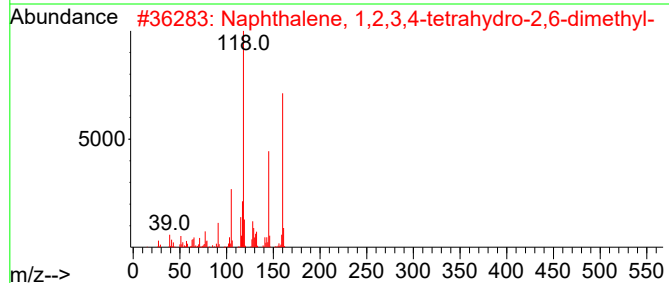
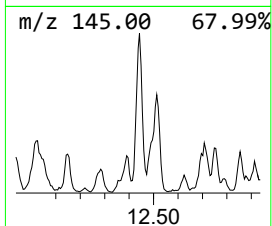
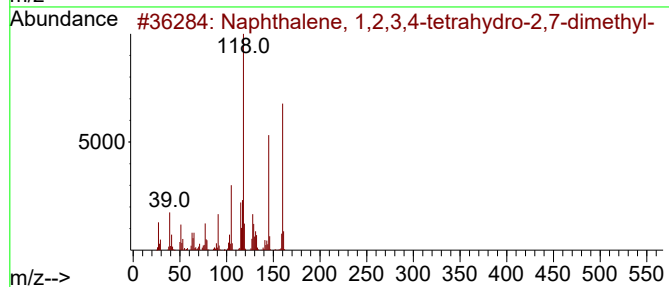
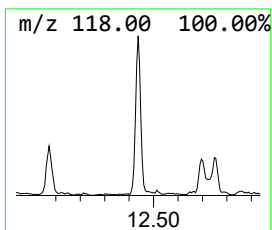
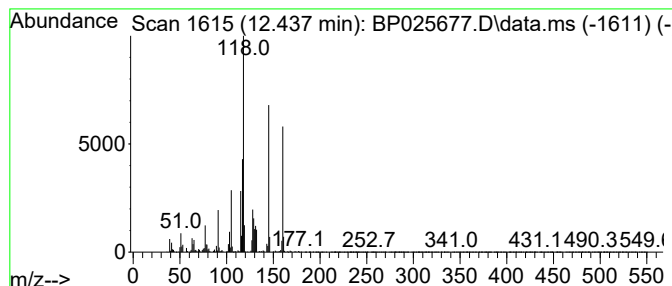
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.437	4.28 ng	353588	Naphthalene-d8	10.519	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	70
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

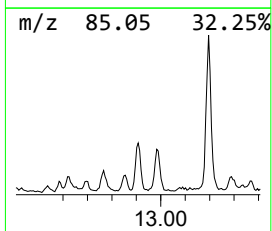
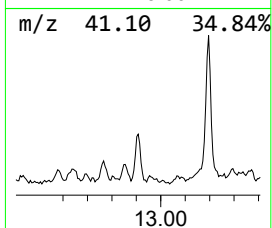
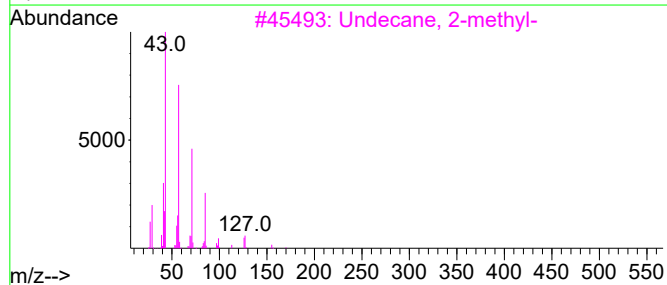
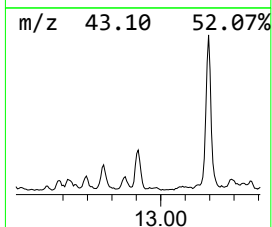
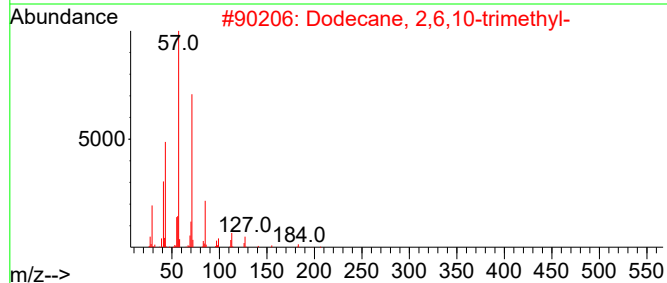
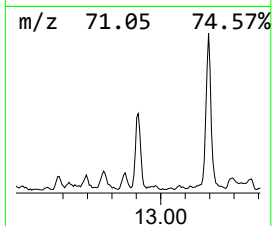
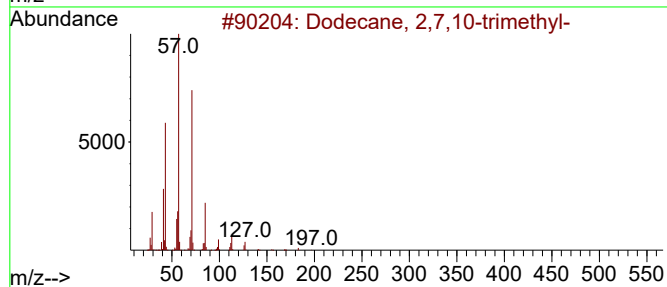
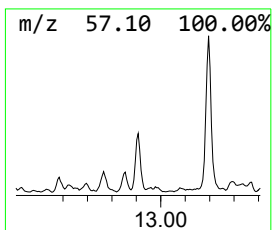
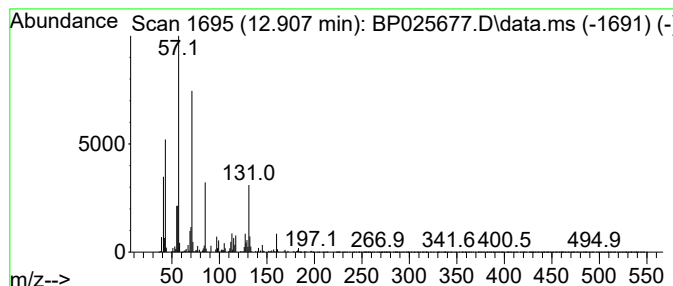
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.907	3.84 ng	397251	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	53
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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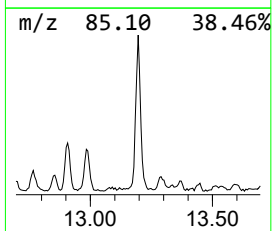
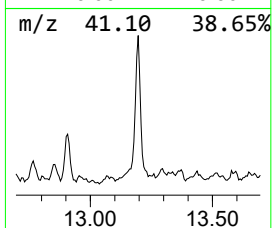
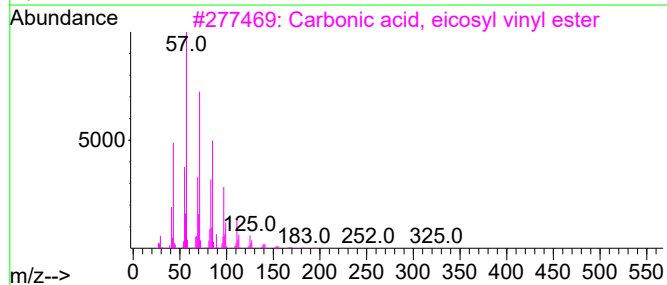
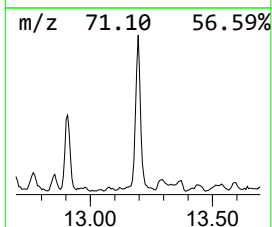
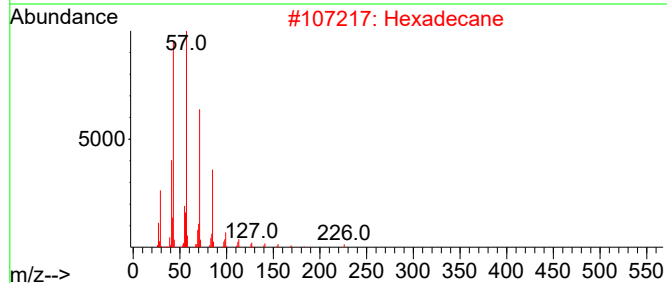
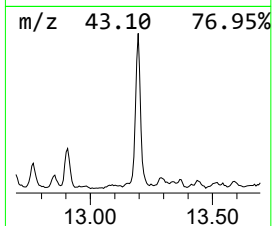
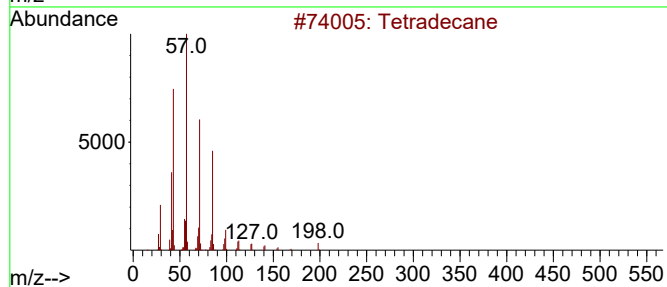
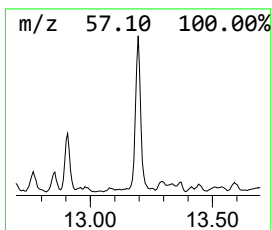
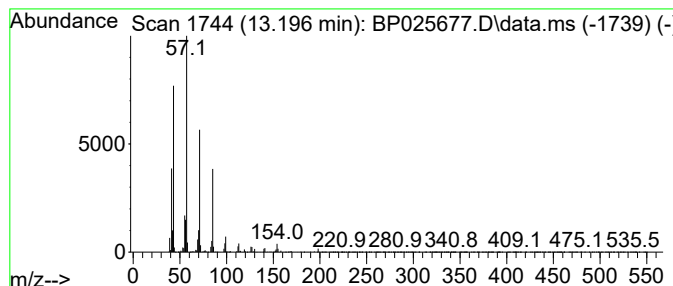
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.195	8.07 ng	834214	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

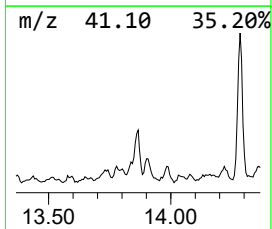
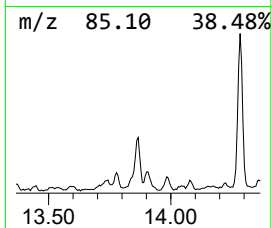
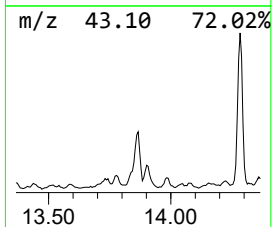
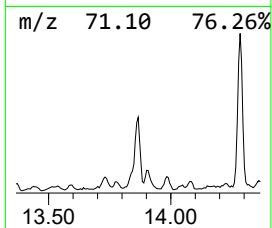
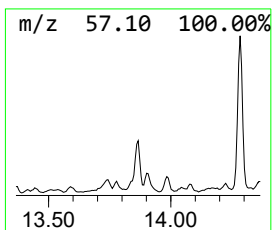
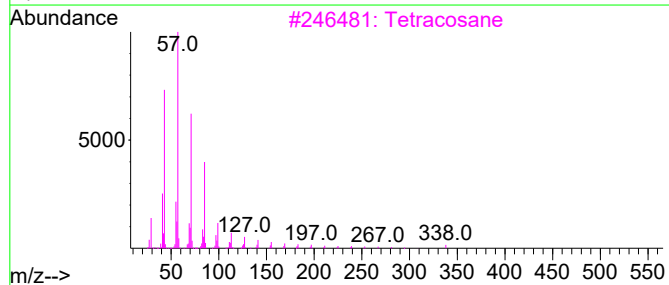
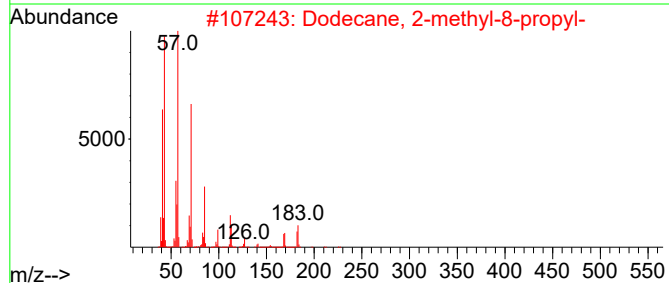
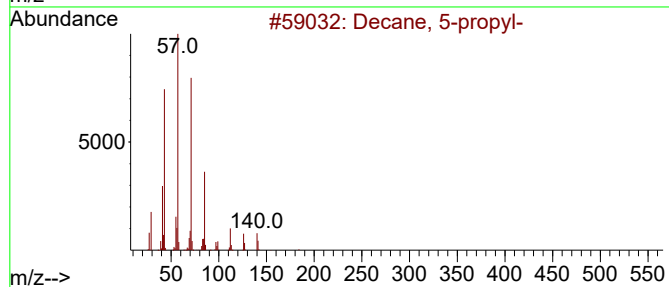
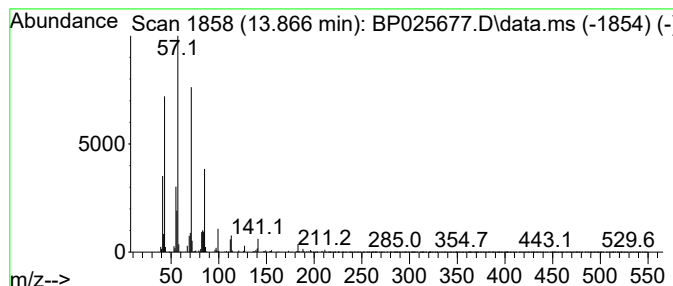
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.866	4.45 ng	460556	Acenaphthene-d10	14.384	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
3	Tetracosane	338	C24H50	000646-31-1	78
4	Octacosane	394	C28H58	000630-02-4	78
5	Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
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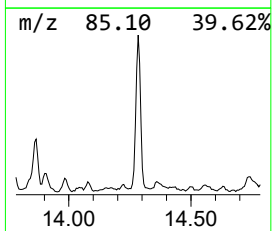
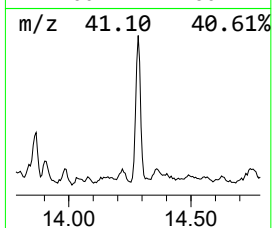
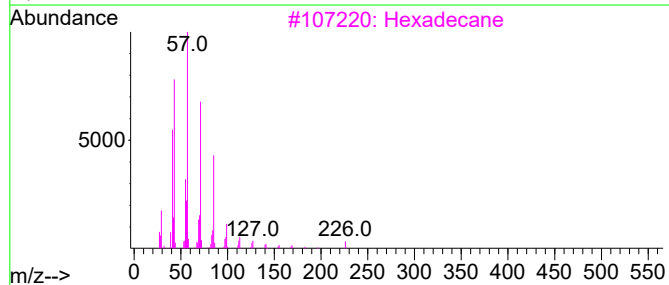
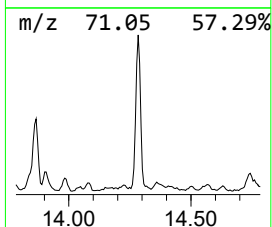
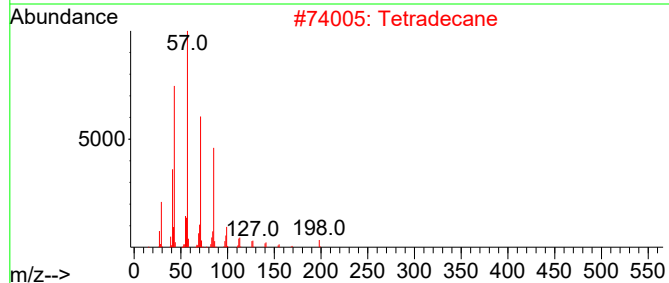
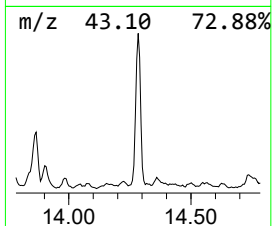
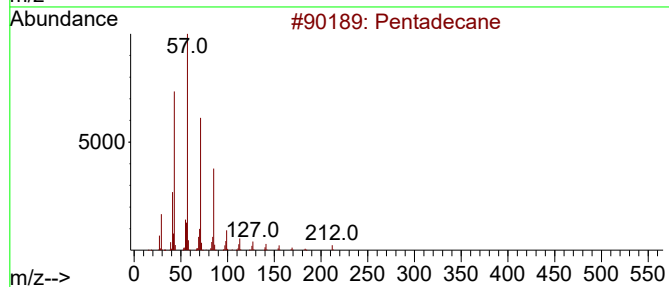
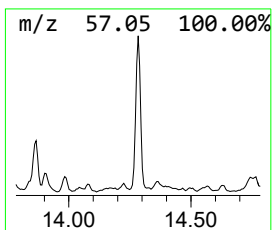
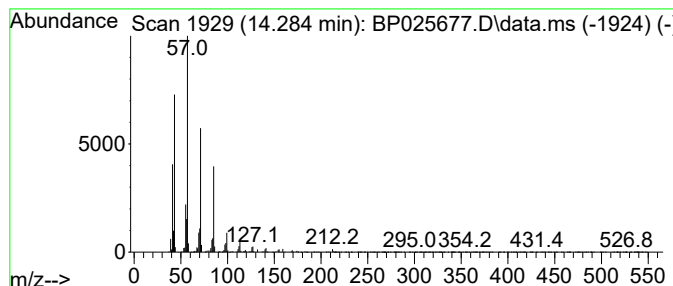
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.284	11.13 ng	1150480	Acenaphthene-d10		14.384	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	97
2	Tetradecane		198	C14H30	000629-59-4	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Tridecane		184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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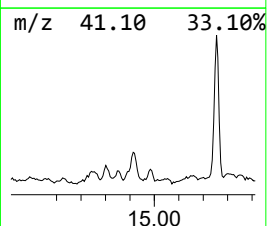
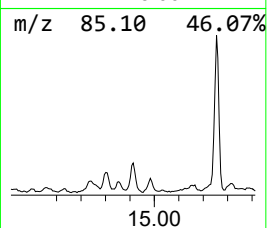
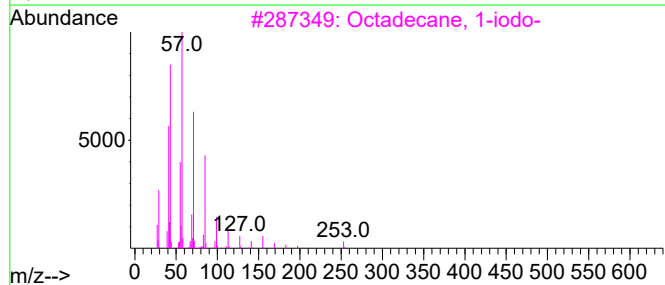
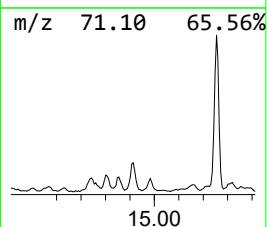
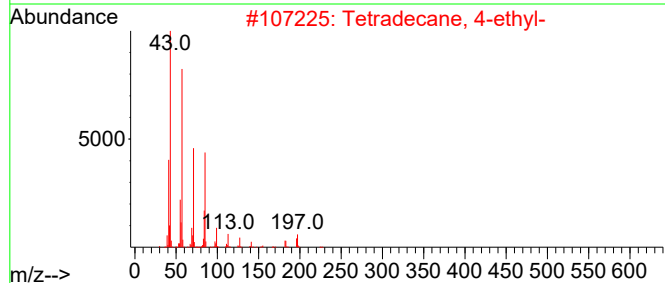
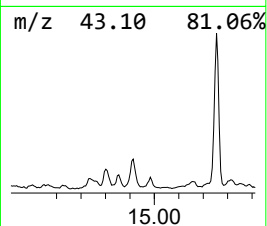
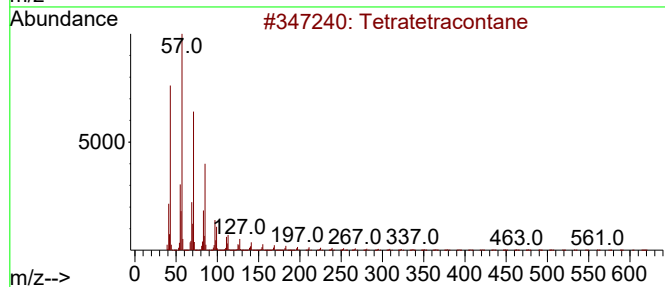
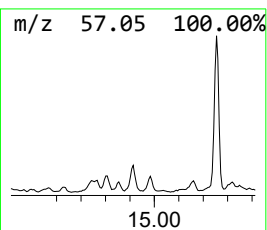
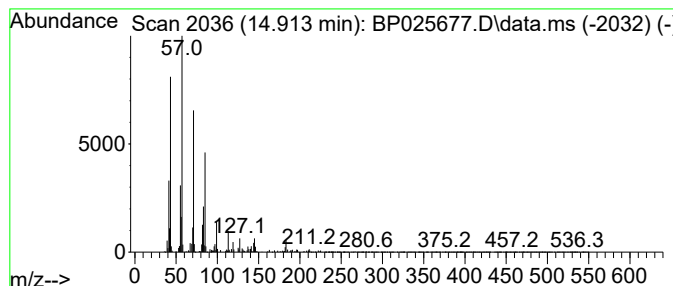
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.913	4.13 ng	426668	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	80
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	74
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5			Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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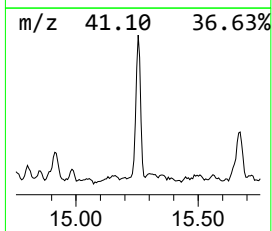
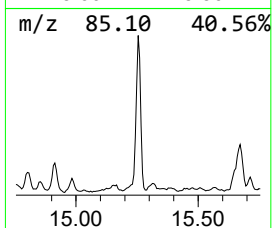
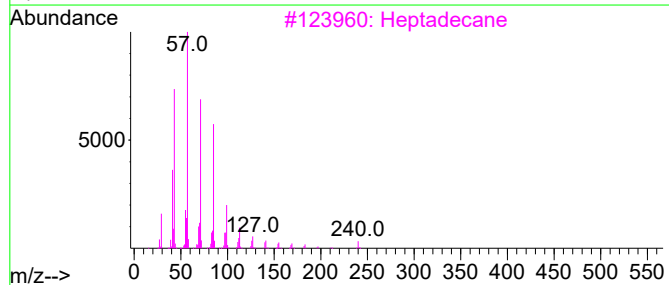
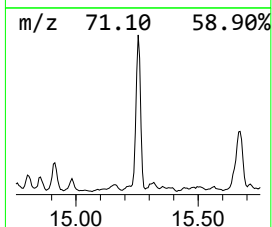
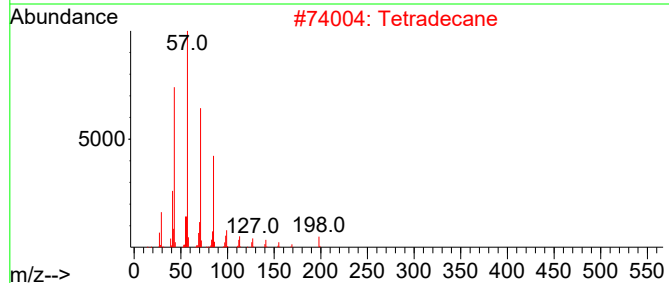
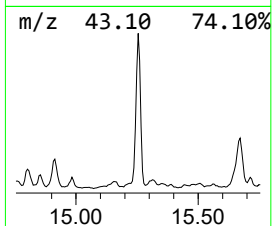
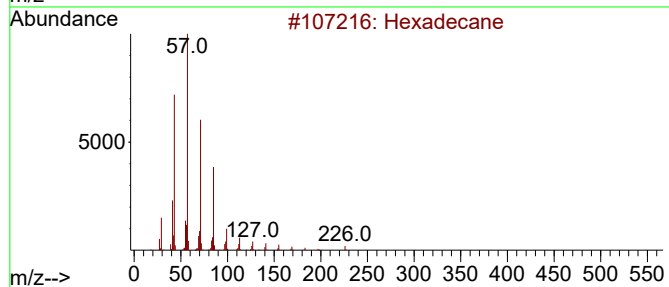
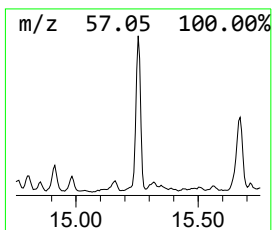
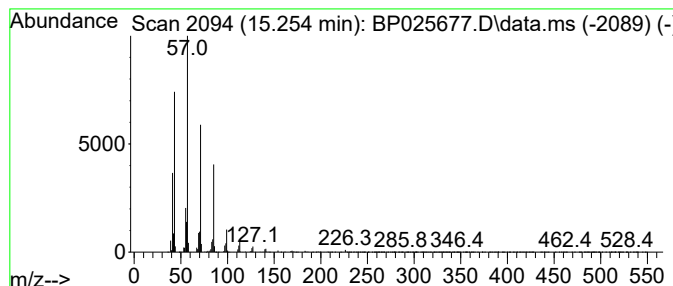
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.254	12.97 ng	1341260	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Tetradecane	198	C14H30	000629-59-4	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

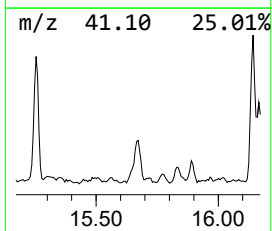
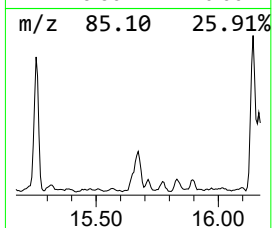
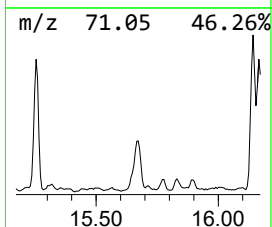
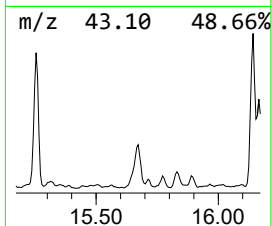
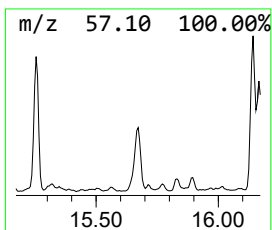
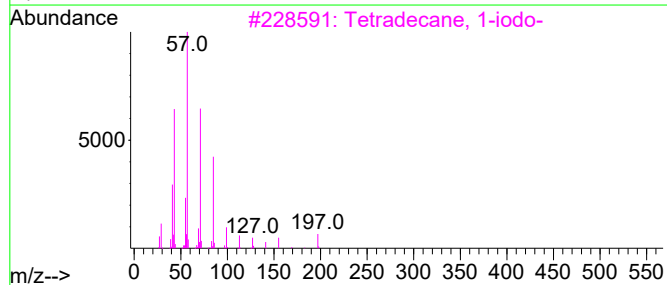
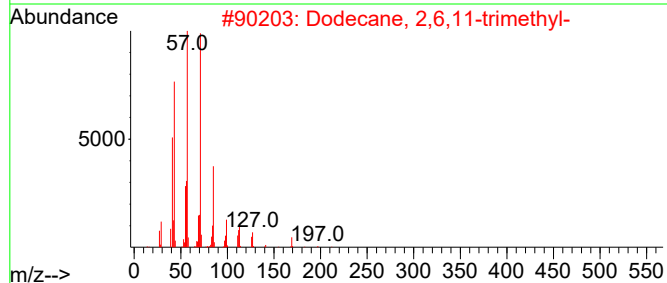
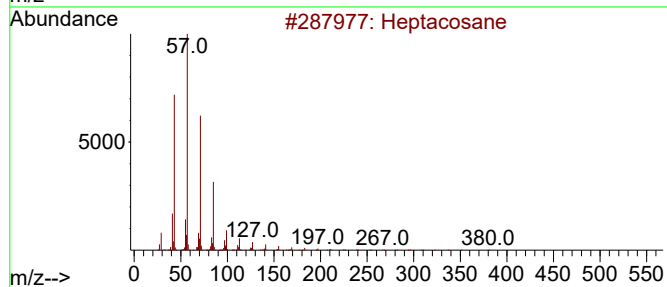
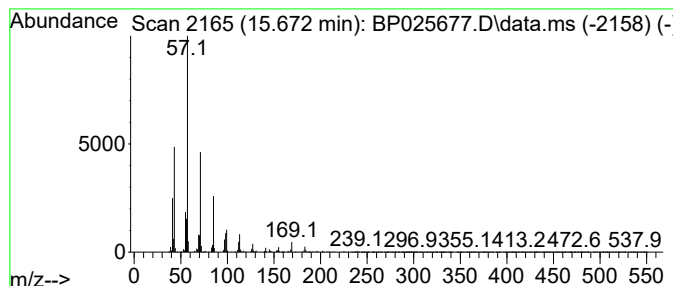
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.672	7.88 ng	814934	Acenaphthene-d10	14.384

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

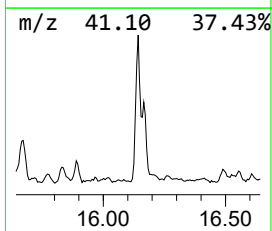
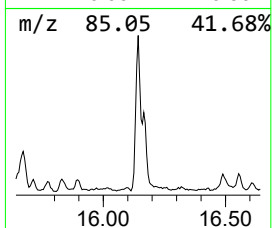
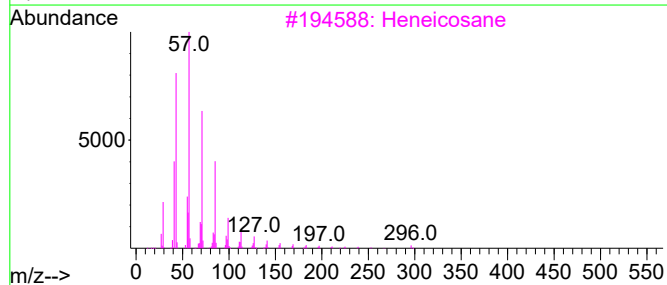
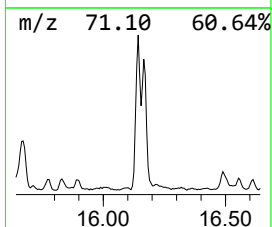
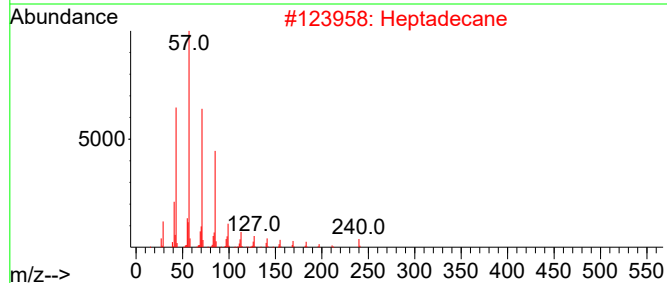
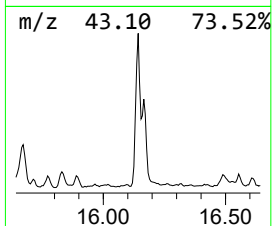
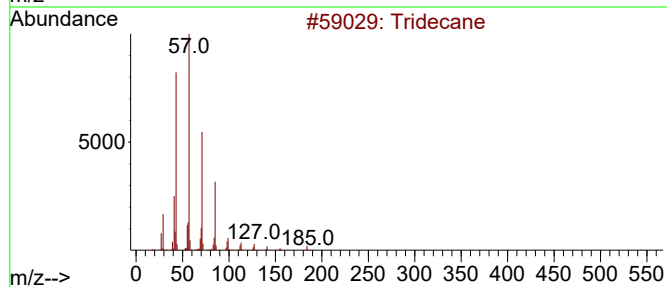
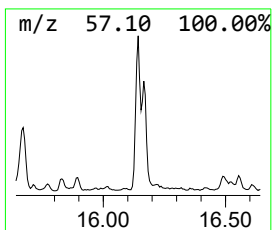
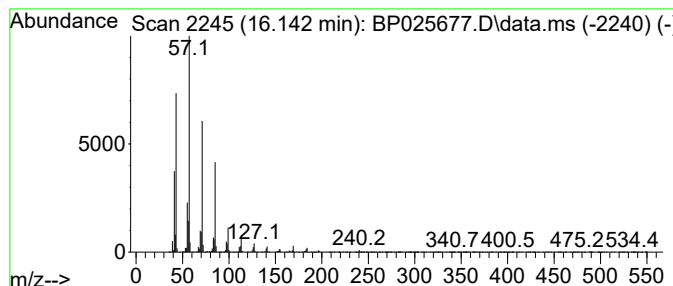
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.142	15.83 ng	1621940	Phenanthrene-d10		17.189	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	97
2	Heptadecane		240	C17H36	000629-78-7	96
3	Heneicosane		296	C21H44	000629-94-7	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Octadecane		254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
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Operator : CG/JU
Sample : Q3009-01 5X
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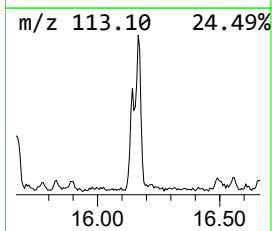
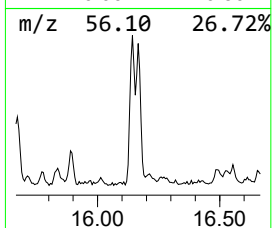
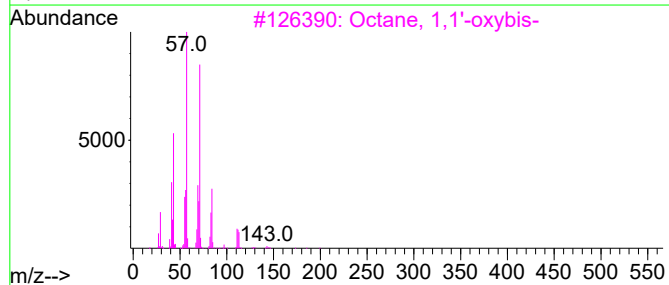
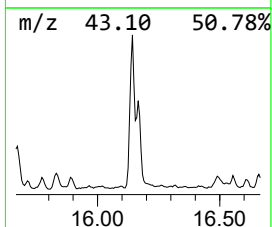
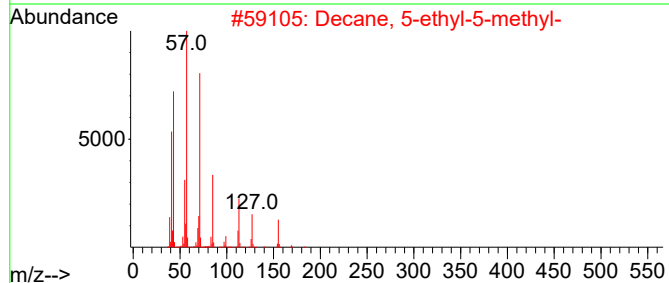
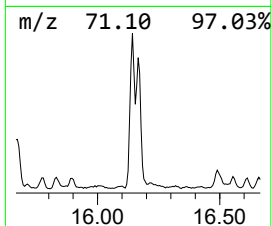
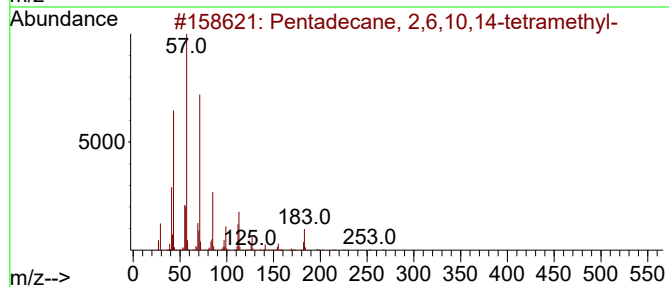
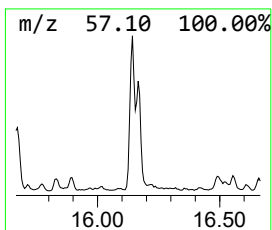
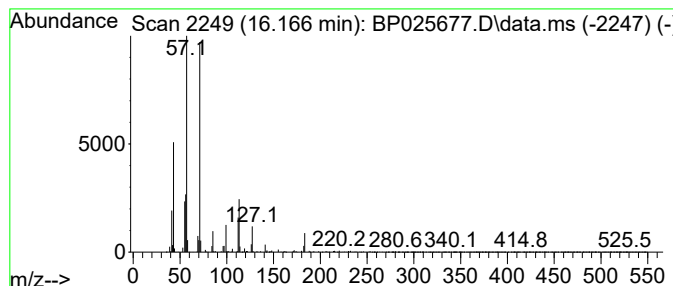
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.166	9.30 ng	952460	Phenanthrene-d10		17.189	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	87
2	Decane, 5-ethyl-5-methyl-		184	C13H28	017312-74-2	59
3	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	53
4	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	50
5	Octane, 2-bromo-		192	C8H17Br	000557-35-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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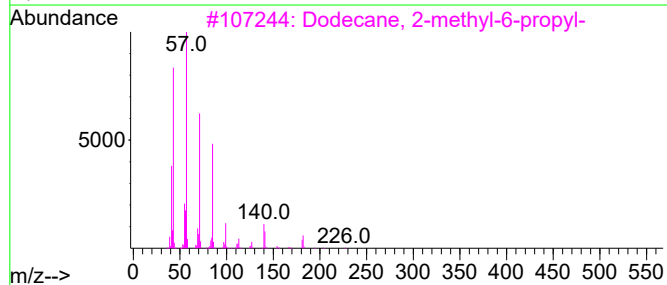
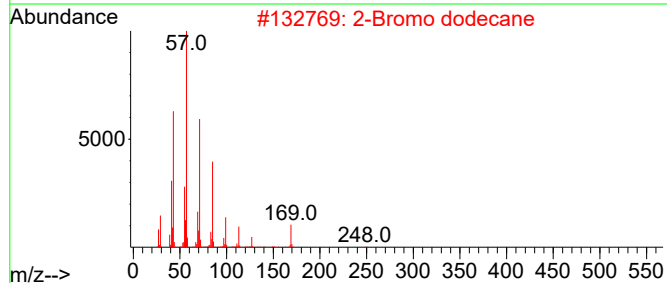
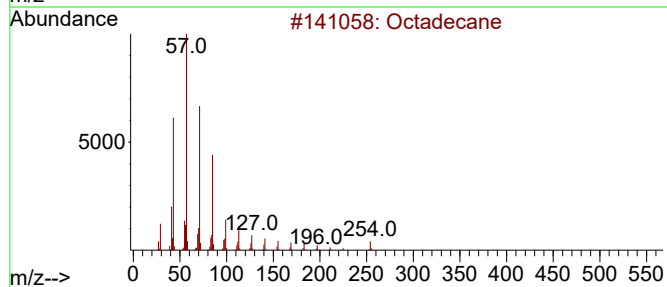
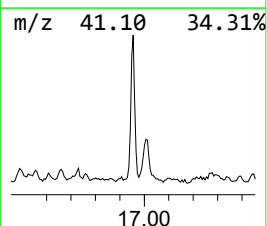
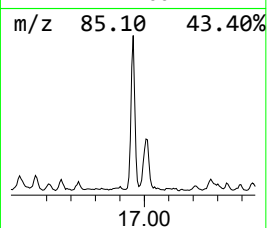
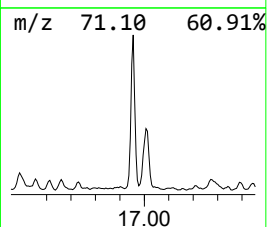
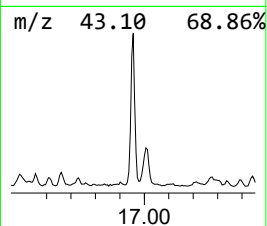
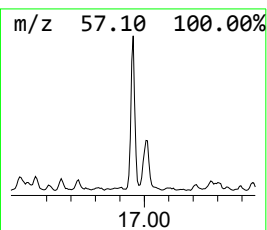
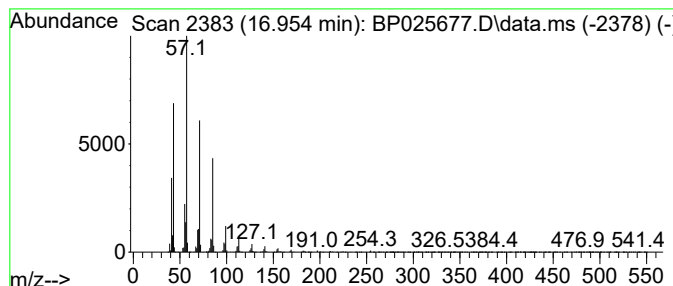
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.954	13.90 ng	1424300	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
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Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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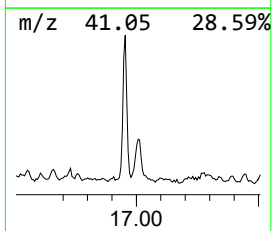
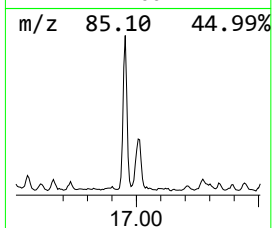
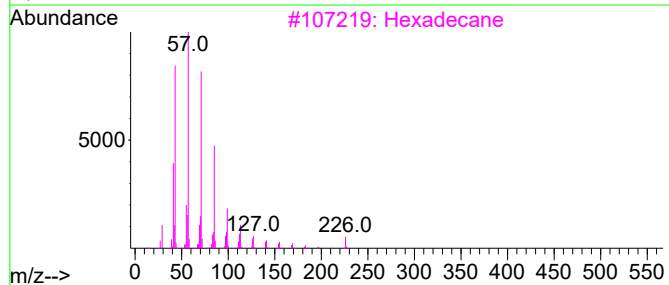
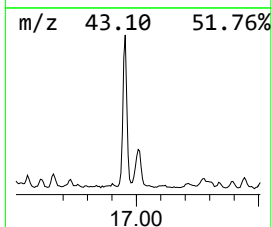
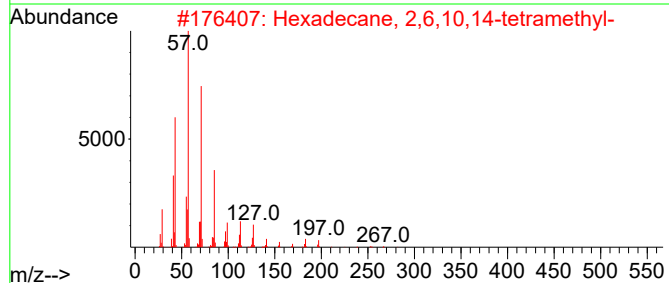
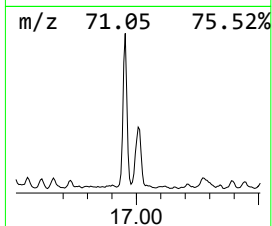
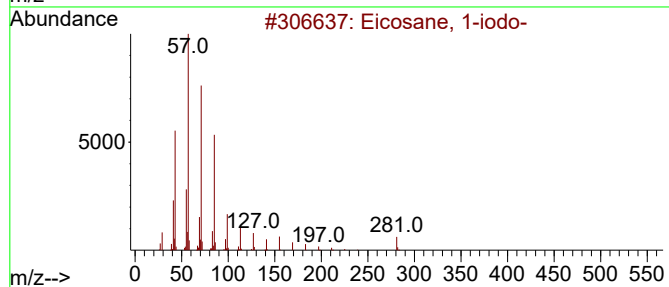
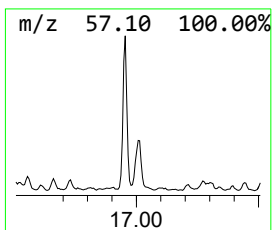
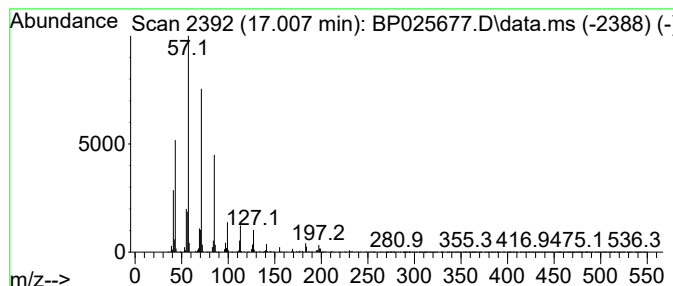
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.007	8.05 ng	824303	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

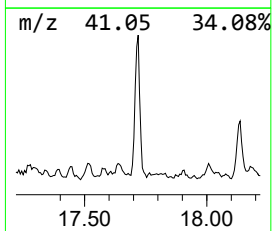
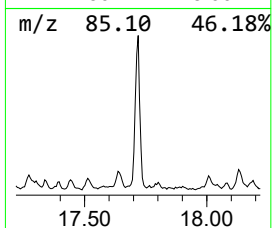
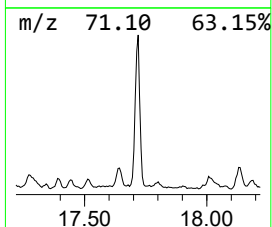
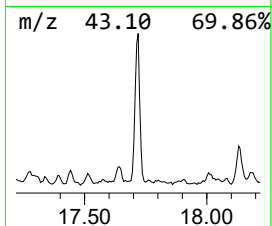
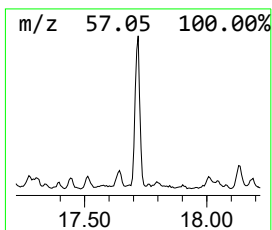
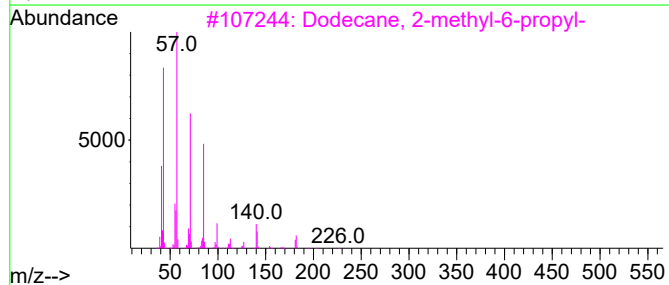
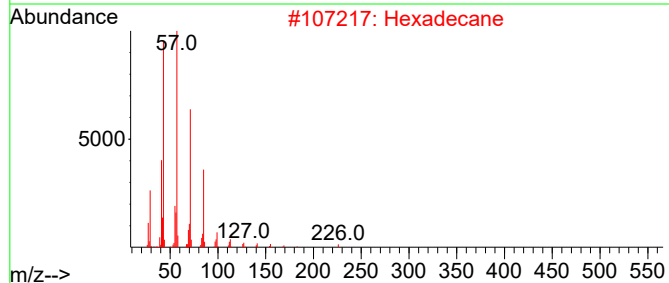
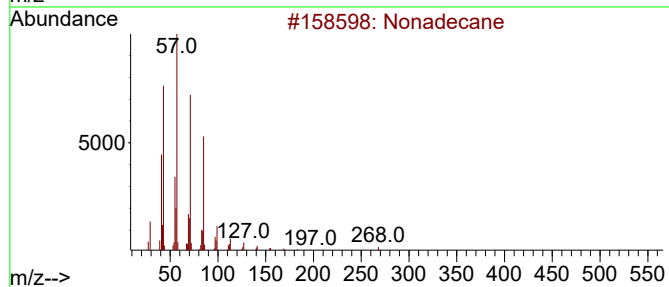
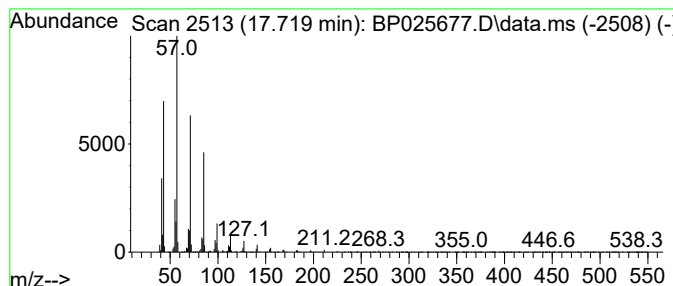
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.719	12.81 ng	1312350	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Hexadecane	226	C16H34	000544-76-3	94
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
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Operator : CG/JU
Sample : Q3009-01 5X
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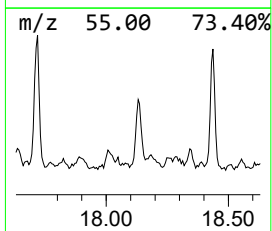
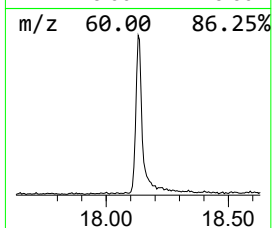
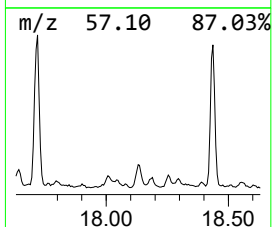
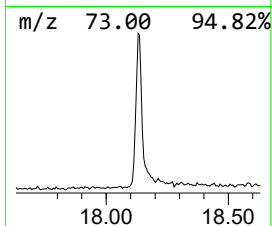
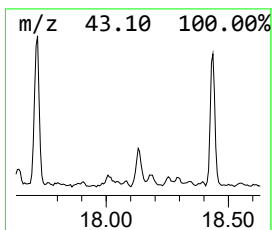
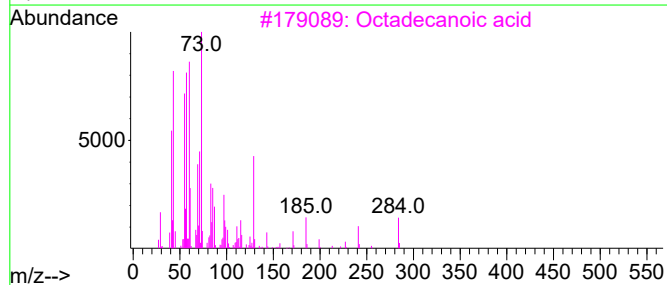
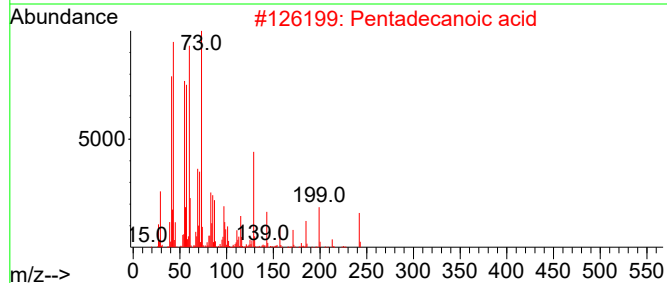
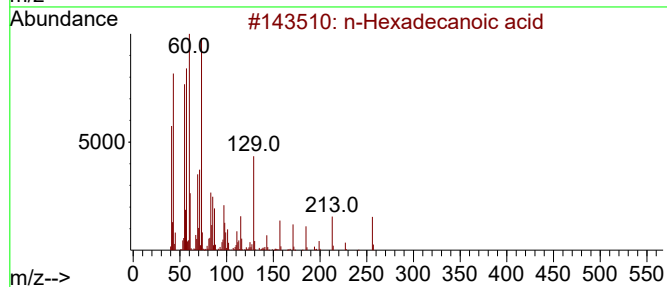
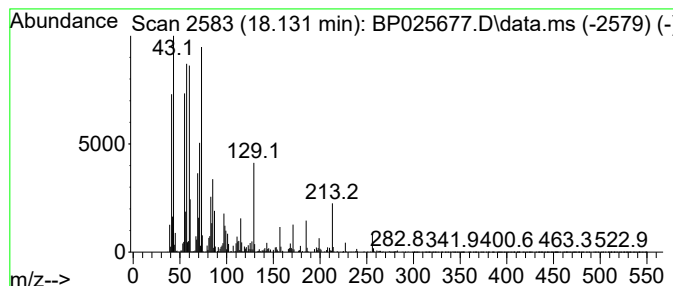
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.131	5.83 ng	596854	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	81
3	Octadecanoic acid		284	C18H36O2	000057-11-4	81
4	Tridecanoic acid		214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

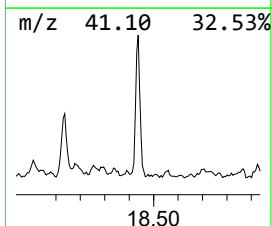
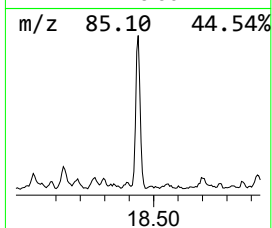
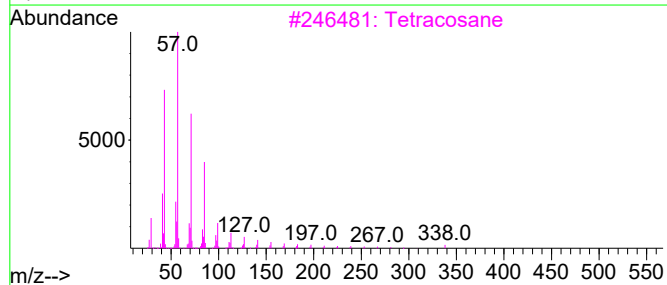
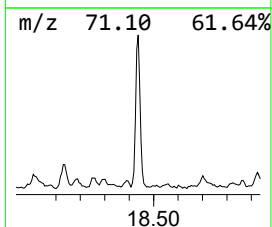
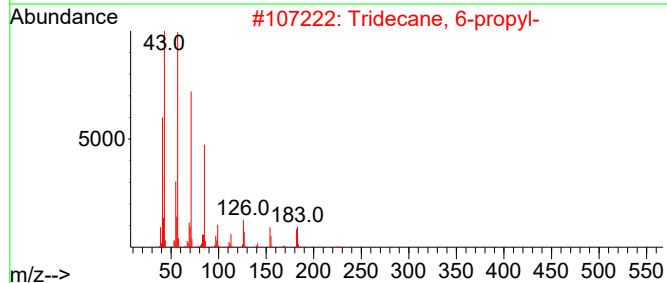
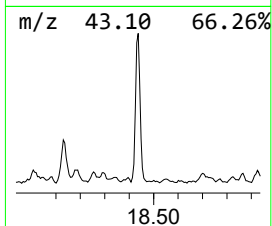
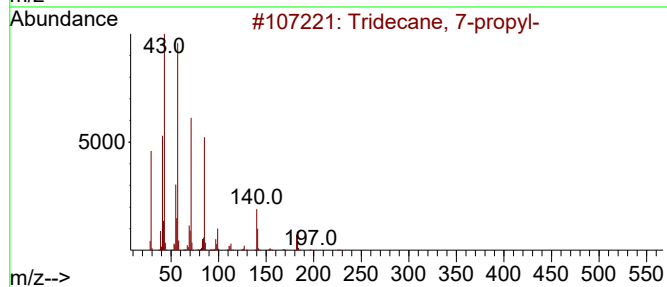
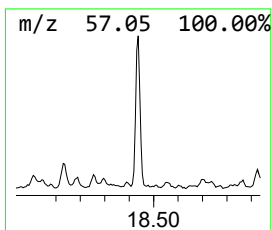
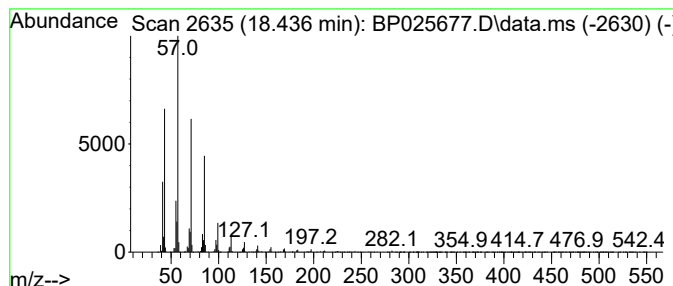
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 7-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.436	10.89 ng	1115380	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

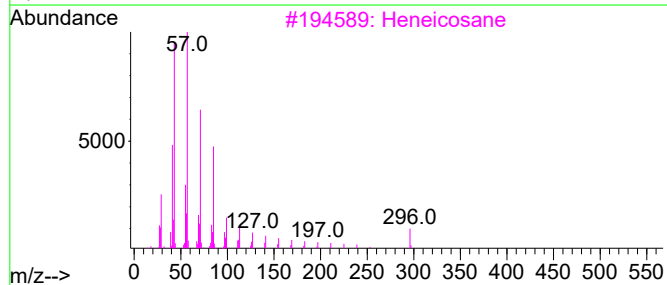
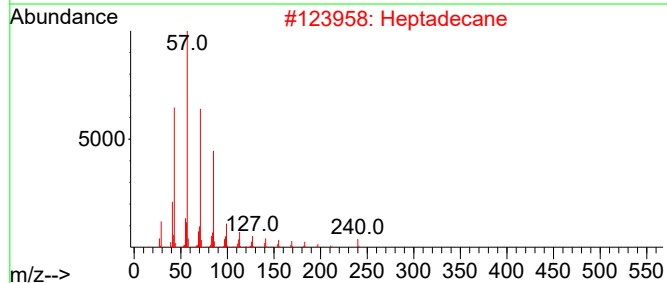
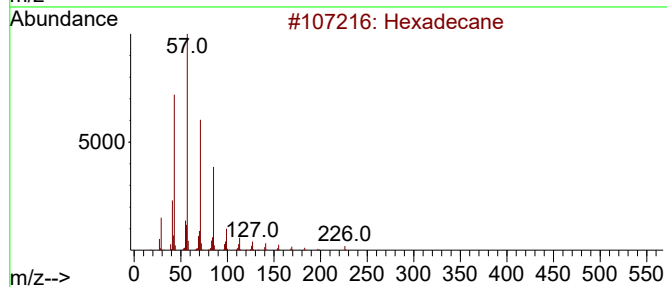
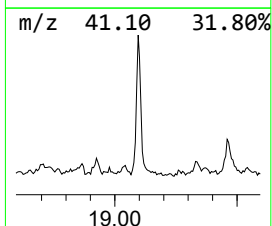
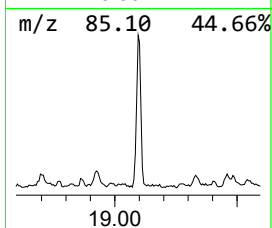
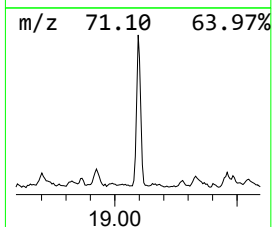
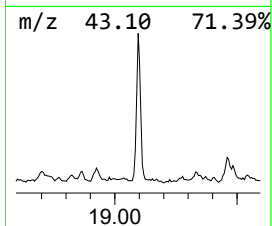
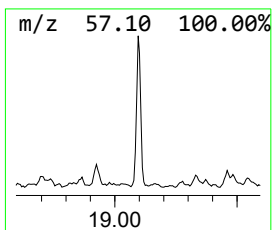
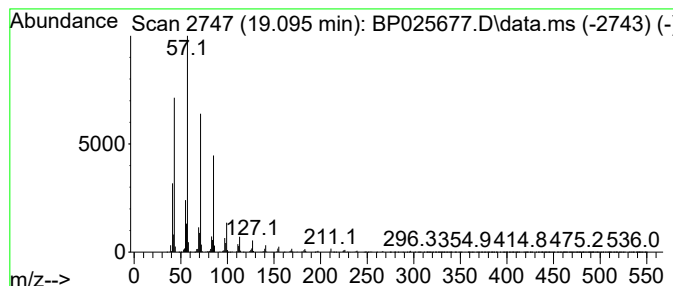
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ClientSampleId :
TR-04-090325

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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 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.095	10.11 ng	1036250	Phenanthrene-d10	17.189	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heneicosane	296	C21H44	000629-94-7	95
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
5	Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

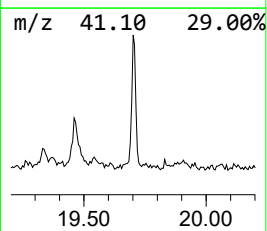
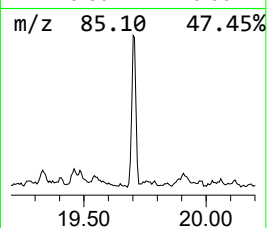
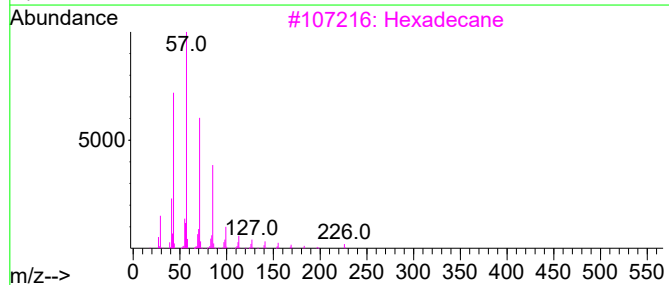
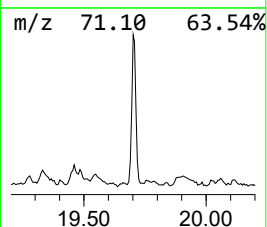
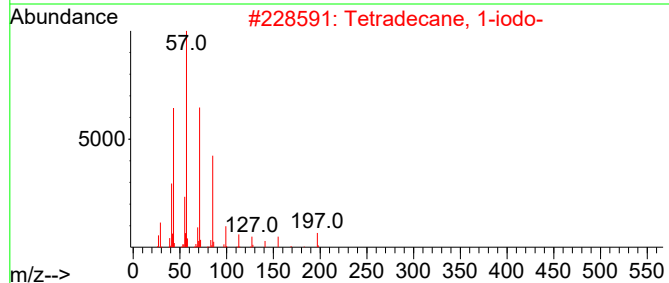
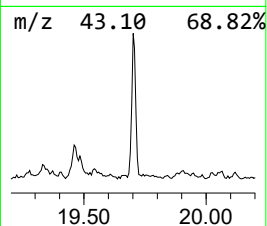
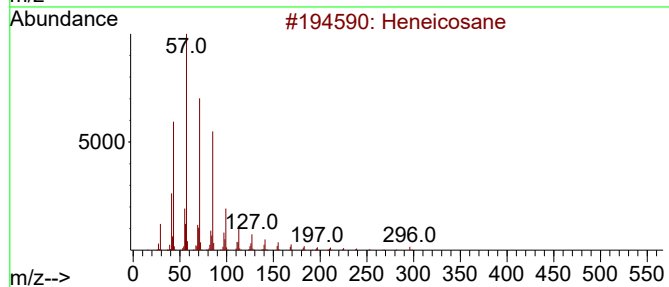
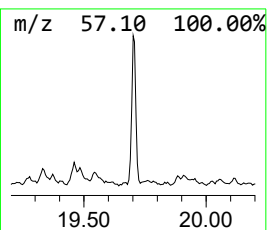
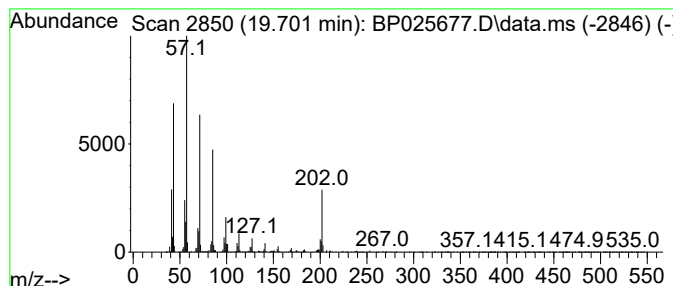
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.701	6.38 ng	744649	Chrysene-d12	21.642

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	76
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3		Hexadecane	226	C16H34	000544-76-3	68
4		Tetracosane	338	C24H50	000646-31-1	68
5		Octadecane	254	C18H38	000593-45-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

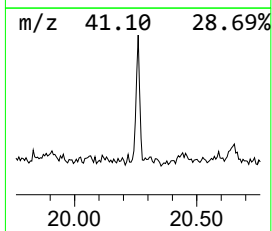
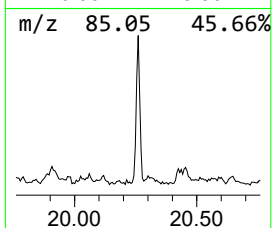
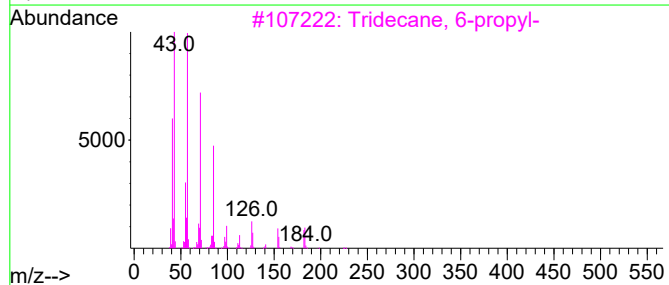
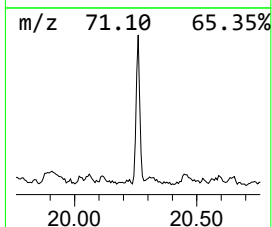
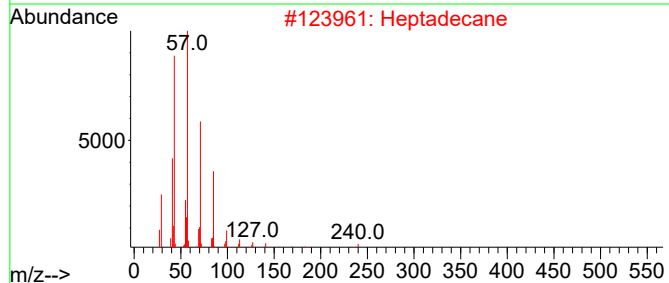
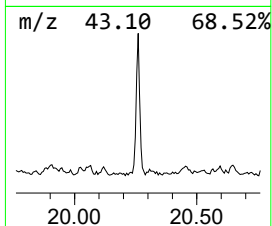
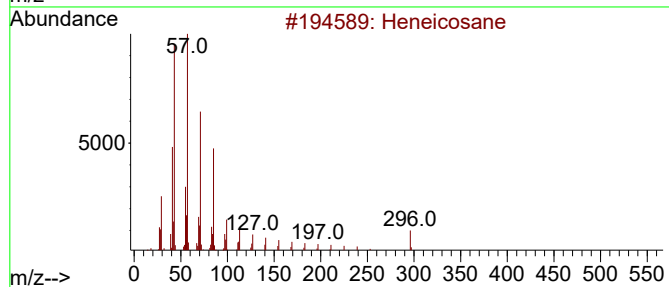
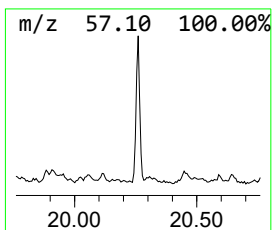
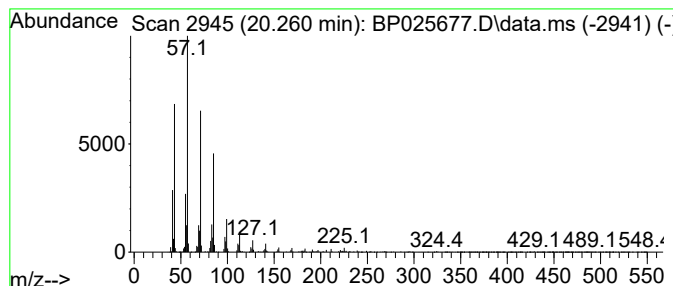
Instrument :
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ClientSampleId :
TR-04-090325

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 Tridecane, 6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.260	3.93 ng	458442	Chrysene-d12		21.642	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptadecane		240	C17H36	000629-78-7	94
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025677.D
Acq On : 05 Sep 2025 15:14
Operator : CG/JU
Sample : Q3009-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-090325

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...	3.020	4.5	ng	228574	1	7.755	1005180	20.0
Tridecane	11.943	5.9	ng	489771	2	10.519	1653760	20.0
Naphthalene, 1,...	12.437	4.3	ng	353588	2	10.519	1653760	20.0
Dodecane, 2,7,1...	12.907	3.8	ng	397251	3	14.384	2068030	20.0
Tetradecane	13.195	8.1	ng	834214	3	14.384	2068030	20.0
Decane, 5-propyl-	13.866	4.5	ng	460556	3	14.384	2068030	20.0
Pentadecane	14.284	11.1	ng	1150480	3	14.384	2068030	20.0
Tetratetracontane	14.913	4.1	ng	426668	3	14.384	2068030	20.0
Hexadecane	15.254	13.0	ng	1341260	3	14.384	2068030	20.0
Heptacosane	15.672	7.9	ng	814934	3	14.384	2068030	20.0
Heptadecane	16.142	15.8	ng	1621940	4	17.189	2049230	20.0
Pentadecane, 2,...	16.166	9.3	ng	952460	4	17.189	2049230	20.0
Octadecane	16.954	13.9	ng	1424300	4	17.189	2049230	20.0
Eicosane, 1-iodo-	17.007	8.1	ng	824303	4	17.189	2049230	20.0
Nonadecane	17.719	12.8	ng	1312350	4	17.189	2049230	20.0
n-Hexadecanoic ...	18.131	5.8	ng	596854	4	17.189	2049230	20.0
Tridecane, 7-pr...	18.436	10.9	ng	1115380	4	17.189	2049230	20.0
Heneicosane	19.095	10.1	ng	1036250	4	17.189	2049230	20.0
Tetradecane, 1-...	19.701	6.4	ng	744649	5	21.642	2334320	20.0
Tridecane, 6-pr...	20.260	3.9	ng	458442	5	21.642	2334320	20.0