

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025606.D
 Acq On : 27 Aug 2025 17:03
 Operator : CG/JU
 Sample : Q2921-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW1

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: BP025606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	10	16	32	rVB	3302817	4936566	53.90%	4.128%
2	4.937	334	340	349	rVB2	212669	319159	3.48%	0.267%
3	5.402	412	419	426	rBV	1810039	2779639	30.35%	2.324%
4	5.825	485	491	501	rVB	72455	127854	1.40%	0.107%
5	6.967	675	685	691	rBV	1089270	1925523	21.02%	1.610%
6	7.772	814	822	829	rBV	652513	1135930	12.40%	0.950%
7	7.890	837	842	850	rVB	97877	166909	1.82%	0.140%
8	8.408	925	930	937	rBV2	97599	213416	2.33%	0.178%
9	8.866	998	1008	1010	rBV2	130719	238126	2.60%	0.199%
10	8.913	1010	1016	1025	rVV	1879049	3371111	36.80%	2.819%
11	8.984	1025	1028	1033	rVB	180446	257160	2.81%	0.215%
12	9.113	1039	1050	1055	rBV9	67842	193829	2.12%	0.162%
13	9.196	1055	1064	1079	rBV5	67287	266426	2.91%	0.223%
14	9.396	1092	1098	1102	rBV2	63044	127799	1.40%	0.107%
15	9.443	1102	1106	1109	rVV	97052	153145	1.67%	0.128%
16	9.743	1151	1157	1163	rBV5	103921	222989	2.43%	0.186%
17	9.802	1163	1167	1170	rBV5	82207	143681	1.57%	0.120%
18	9.896	1176	1183	1187	rBV3	114361	197197	2.15%	0.165%
19	9.949	1187	1192	1200	rVV3	202675	492900	5.38%	0.412%
20	10.084	1210	1215	1219	rBV2	100121	149447	1.63%	0.125%
21	10.178	1227	1231	1237	rVB2	135720	225962	2.47%	0.189%
22	10.543	1282	1293	1299	rBV2	872109	2344477	25.60%	1.960%
23	10.660	1308	1313	1317	rBV	84611	142827	1.56%	0.119%
24	10.708	1317	1321	1327	rVB	256539	402027	4.39%	0.336%
25	10.766	1327	1331	1337	rBV3	100454	198539	2.17%	0.166%
26	10.949	1351	1362	1367	rBV9	71054	248330	2.71%	0.208%
27	11.007	1367	1372	1382	rVB4	95866	240649	2.63%	0.201%
28	11.119	1386	1391	1396	rBV3	92817	155082	1.69%	0.130%
29	11.207	1401	1406	1408	rBV2	107853	174575	1.91%	0.146%
30	11.243	1408	1412	1419	rVV6	143785	375278	4.10%	0.314%
31	11.302	1419	1422	1429	rVB3	119034	210825	2.30%	0.176%
32	11.384	1430	1436	1442	rVB3	180857	343137	3.75%	0.287%
33	11.460	1442	1449	1456	rBV2	298360	588670	6.43%	0.492%
34	11.566	1462	1467	1472	rBV	407668	690991	7.54%	0.578%
35	11.649	1477	1481	1487	rVB2	135882	237153	2.59%	0.198%
36	11.731	1490	1495	1503	rBV2	234544	426466	4.66%	0.357%

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.960	1525	1534	1541	rBV	912938	1582718	17.28%	1.323%
38	12.096	1552	1557	1562	rVB3	183445	340123	3.71%	0.284%
39	12.190	1566	1573	1578	rVB4	215289	525080	5.73%	0.439%
40	12.413	1606	1611	1614	rBV4	109979	225343	2.46%	0.188%
41	12.454	1614	1618	1623	rVB3	294787	491551	5.37%	0.411%
42	12.602	1639	1643	1646	rVB	239198	283236	3.09%	0.237%
43	12.643	1646	1650	1657	rVB5	156229	371528	4.06%	0.311%
44	12.707	1657	1661	1665	rBV3	199024	312392	3.41%	0.261%
45	12.790	1671	1675	1679	rVB	235146	368519	4.02%	0.308%
46	12.872	1685	1689	1694	rBV2	362920	553008	6.04%	0.462%
47	12.925	1694	1698	1703	rVV2	736351	1135919	12.40%	0.950%
48	13.002	1704	1711	1722	rVV	4647812	7237643	79.02%	6.052%
49	13.090	1722	1726	1732	rVB7	123798	212537	2.32%	0.178%
50	13.219	1742	1748	1755	rBV	1477767	2236805	24.42%	1.870%
51	13.325	1759	1766	1771	rVV3	393756	1018005	11.11%	0.851%
52	13.372	1771	1774	1779	rVB3	278756	406153	4.43%	0.340%
53	13.660	1820	1823	1824	rBV3	168055	182325	1.99%	0.152%
54	13.743	1834	1837	1842	rVB4	288391	485547	5.30%	0.406%
55	13.790	1842	1845	1848	rBV2	168119	230945	2.52%	0.193%
56	13.884	1858	1861	1865	rVB2	882173	1111445	12.13%	0.929%
57	13.925	1865	1868	1873	rVB	551510	681387	7.44%	0.570%
58	13.996	1878	1880	1884	rVB	373524	449674	4.91%	0.376%
59	14.043	1885	1888	1893	rVB5	127732	191201	2.09%	0.160%
60	14.243	1919	1922	1927	rVB5	225782	336692	3.68%	0.282%
61	14.301	1927	1932	1937	rBV	2595818	3042053	33.21%	2.544%
62	14.390	1940	1947	1956	rVB2	1390675	2659287	29.03%	2.223%
63	14.748	2004	2008	2009	rBV3	274244	362393	3.96%	0.303%
64	14.807	2015	2018	2024	rVB	536901	671463	7.33%	0.561%
65	14.937	2036	2040	2047	rVB3	942963	1556839	17.00%	1.302%
66	15.001	2048	2051	2054	rBV	345182	454975	4.97%	0.380%
67	15.272	2093	2097	2102	rVB	2639942	3233295	35.30%	2.703%
68	15.366	2111	2113	2124	rVB5	377323	687552	7.51%	0.575%
69	15.684	2161	2167	2172	rBV	2001607	3175674	34.67%	2.655%
70	15.778	2178	2183	2188	rVB3	656856	1111041	12.13%	0.929%
71	15.837	2189	2193	2198	rBV2	521502	867390	9.47%	0.725%
72	15.907	2199	2205	2213	rVB3	3423663	5798367	63.30%	4.848%
73	16.148	2241	2246	2248	rBV	2733473	4061971	44.35%	3.396%
74	16.172	2248	2250	2263	rVB	3141830	4508996	49.23%	3.770%
75	16.495	2301	2305	2308	rBV	391897	648377	7.08%	0.542%
76	16.625	2324	2327	2331	rBV	306368	385975	4.21%	0.323%

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77	16.672	2332	2335	2341	rVV2	309813	473078	5.16%	0.396%
78	16.966	2380	2385	2389	rBV	2545380	3289676	35.92%	2.751%
79	17.019	2389	2394	2401	rVB	2360510	3761656	41.07%	3.145%
80	17.195	2420	2424	2433	rBV2	1296296	2262015	24.70%	1.891%
81	17.272	2435	2437	2439	rBV	211865	213461	2.33%	0.178%
82	17.448	2465	2467	2471	rVB2	341097	338947	3.70%	0.283%
83	17.519	2475	2479	2483	rVB2	431008	652448	7.12%	0.546%
84	17.642	2496	2500	2505	rVB2	508976	935195	10.21%	0.782%
85	17.731	2510	2515	2521	rVB	2292227	3059162	33.40%	2.558%
86	18.019	2561	2564	2568	rBV2	253081	423642	4.63%	0.354%
87	18.137	2580	2584	2589	rBV2	818903	1237507	13.51%	1.035%
88	18.442	2632	2636	2641	rBV	2149324	2499281	27.29%	2.090%
89	18.919	2715	2717	2722	rVB	529259	568855	6.21%	0.476%
90	19.101	2744	2748	2752	rVB	1728968	2096528	22.89%	1.753%
91	19.454	2804	2808	2812	rBV3	348883	610568	6.67%	0.511%
92	19.701	2847	2850	2858	rVB	1123570	1529533	16.70%	1.279%
93	19.878	2878	2880	2882	rBV2	183652	198362	2.17%	0.166%
94	19.919	2882	2887	2892	rVB	7403711	9159558	100.00%	7.659%
95	20.260	2941	2945	2949	rVB	708793	929648	10.15%	0.777%
96	20.778	3030	3033	3037	rBV	459201	549364	6.00%	0.459%
97	21.301	3119	3122	3128	rVB2	326196	558455	6.10%	0.467%
98	21.642	3174	3180	3190	rVB	1303946	2434731	26.58%	2.036%
99	22.919	3395	3397	3407	rVB3	297004	479652	5.24%	0.401%
100	25.007	3745	3752	3764	rVB	956550	2718909	29.68%	2.273%

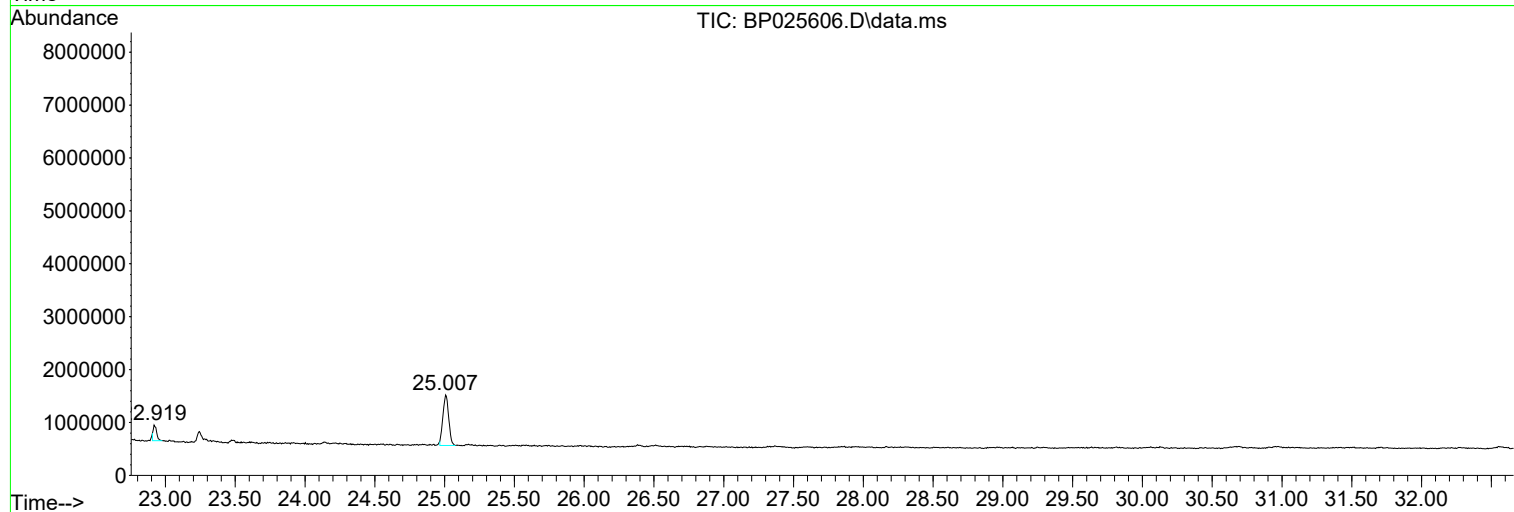
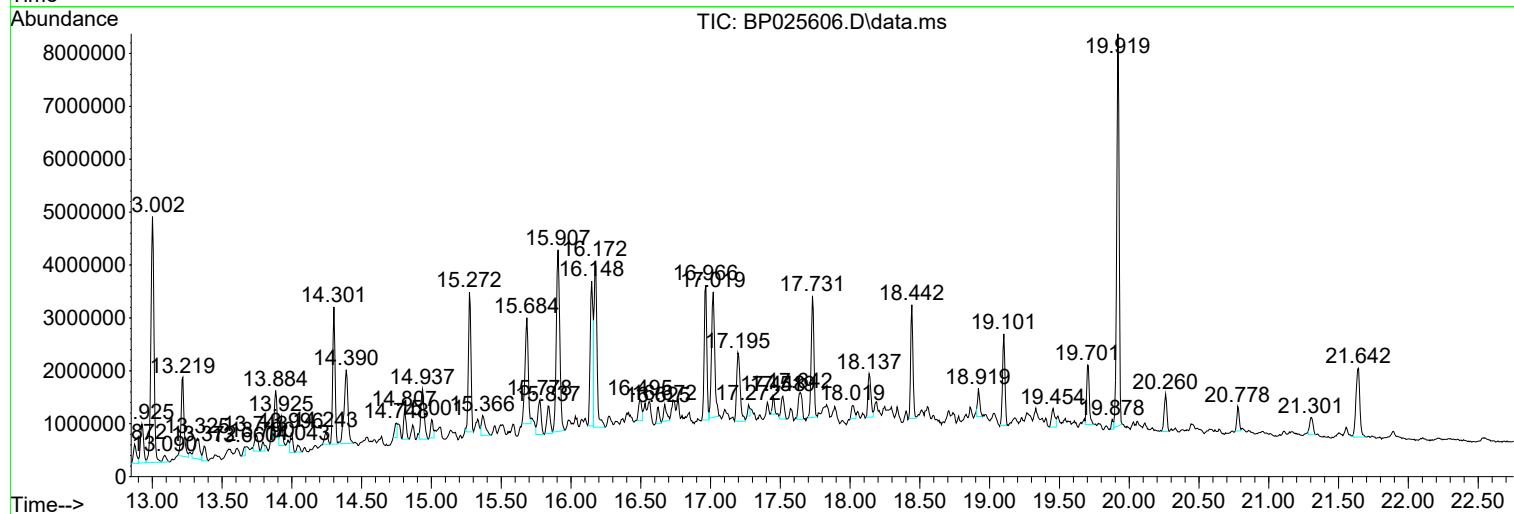
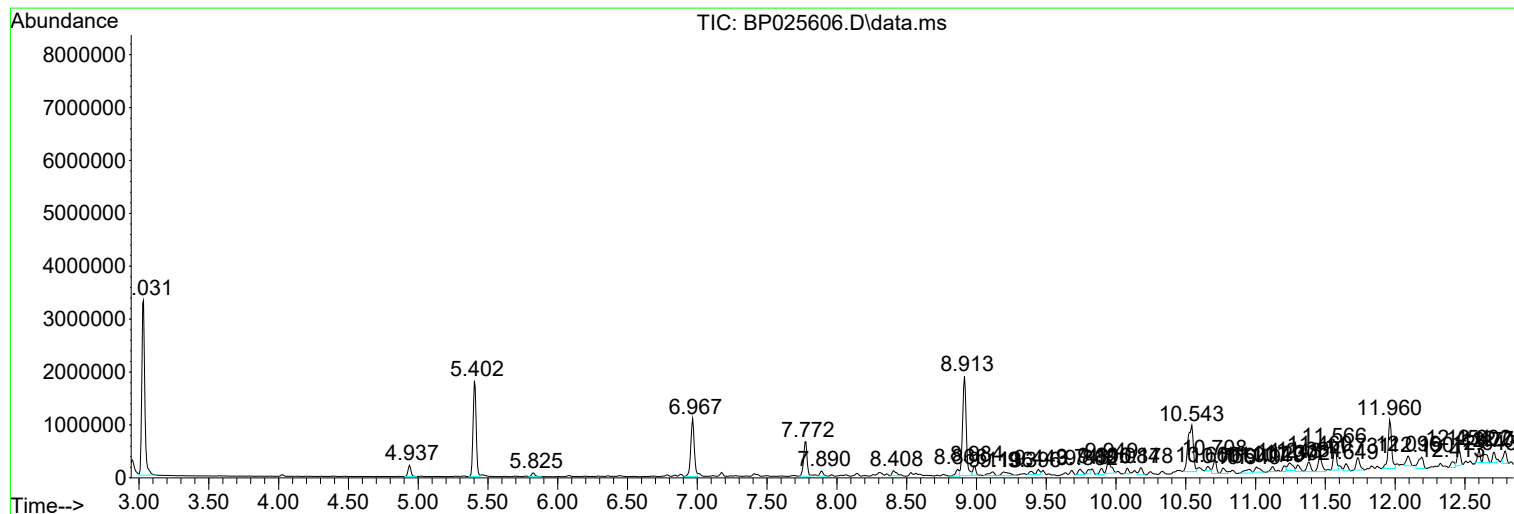
Sum of corrected areas: 119599449

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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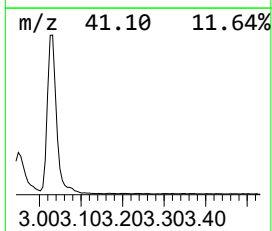
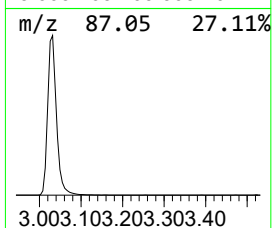
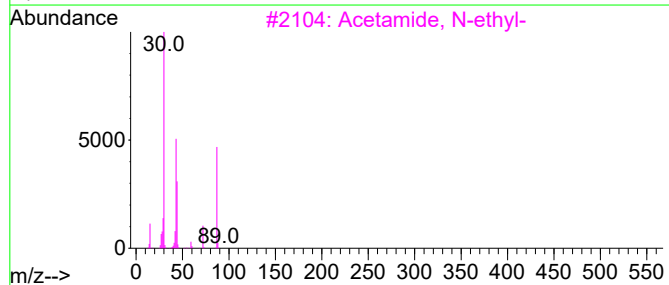
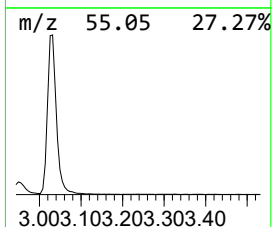
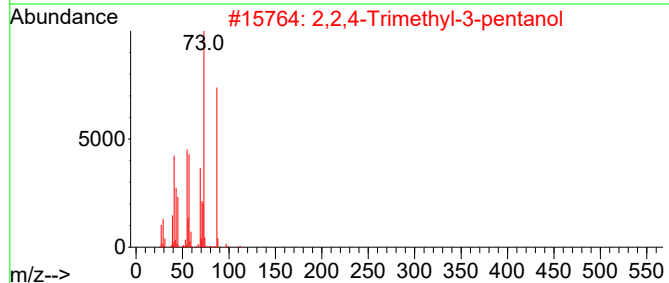
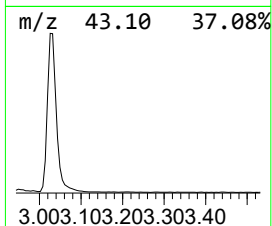
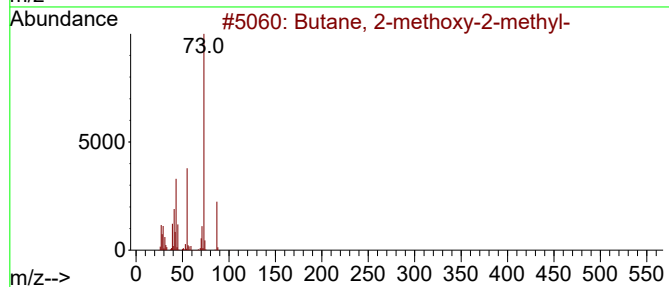
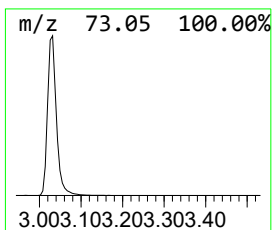
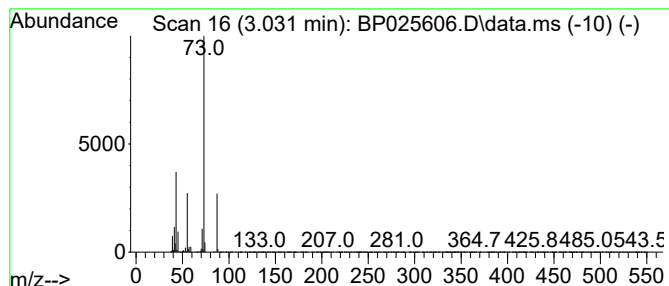
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	86.92 ng	4936570	1,4-Dichlorobenzene-d4	7.778

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	40
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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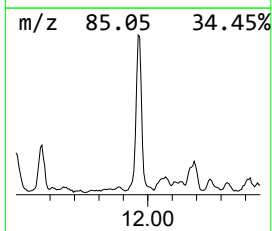
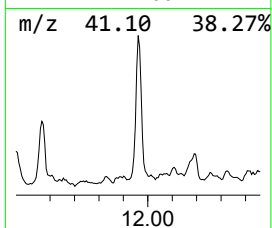
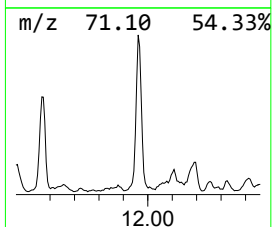
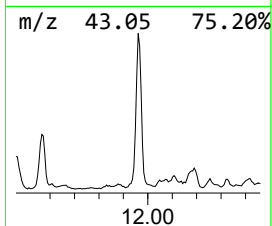
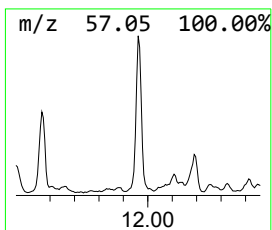
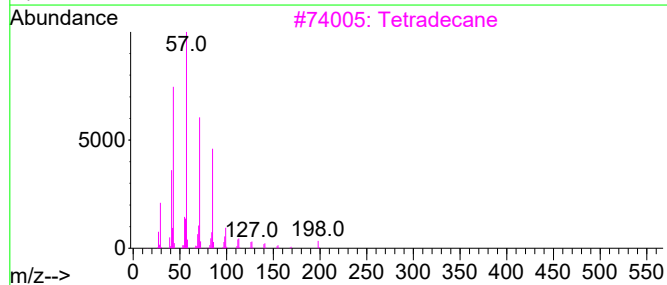
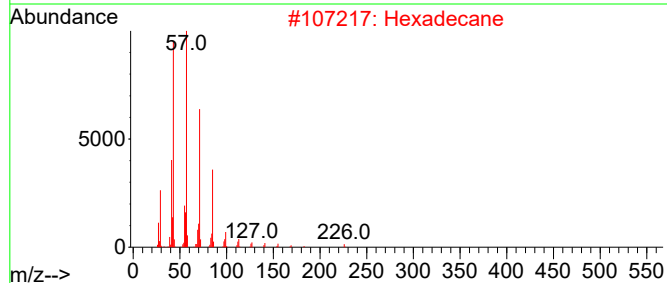
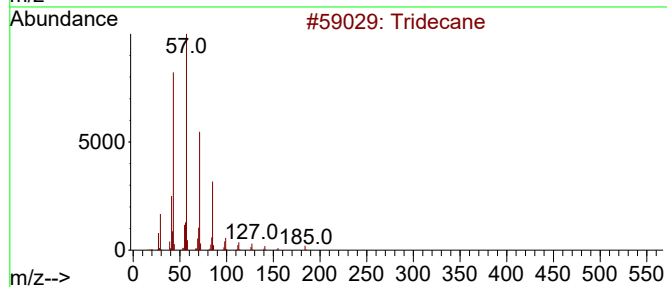
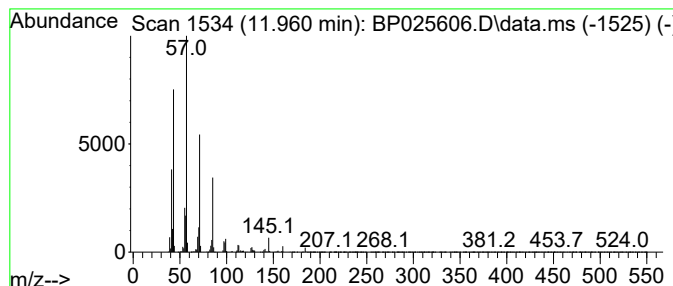
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.960	13.50 ng	1582720	Naphthalene-d8	10.543	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Dodecane	170	C12H26	000112-40-3	86



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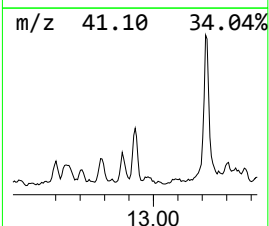
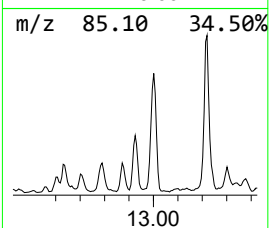
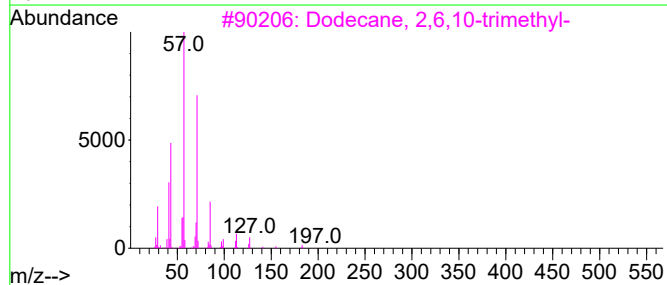
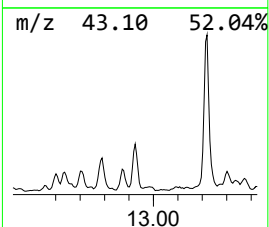
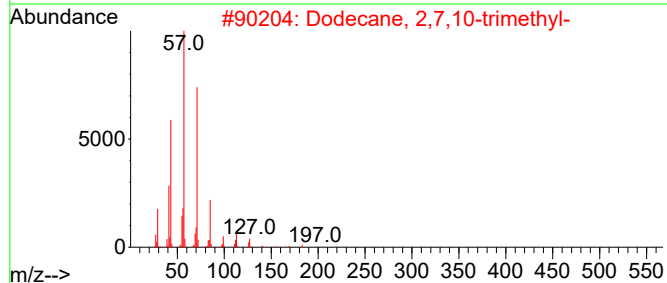
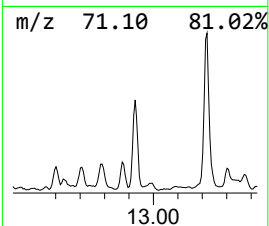
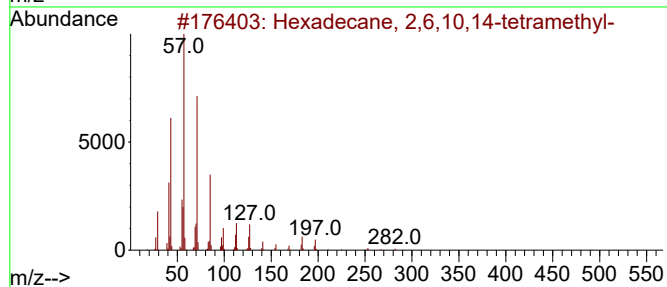
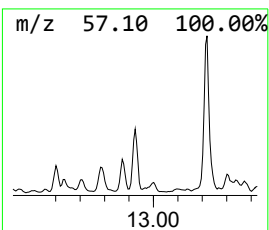
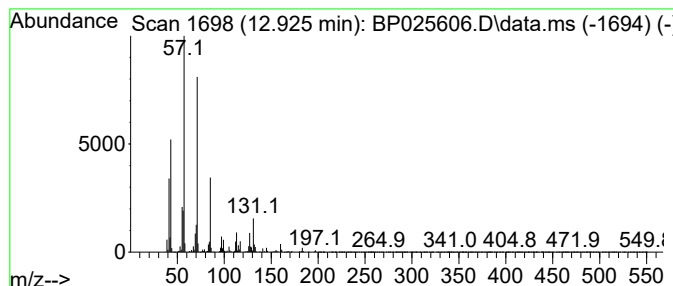
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BNA_P
ClientSampleId :
MW1

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 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.925	8.54 ng	1135920	Acenaphthene-d10	14.390	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

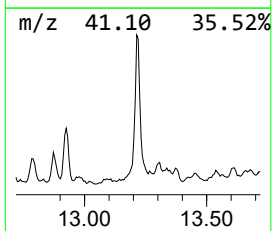
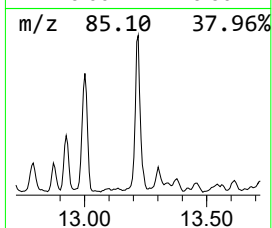
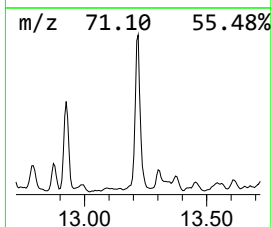
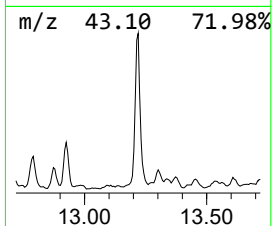
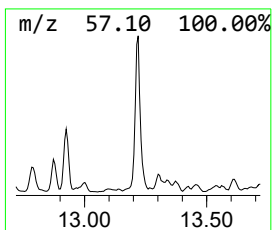
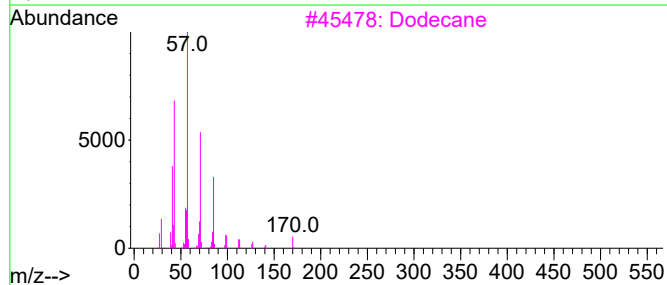
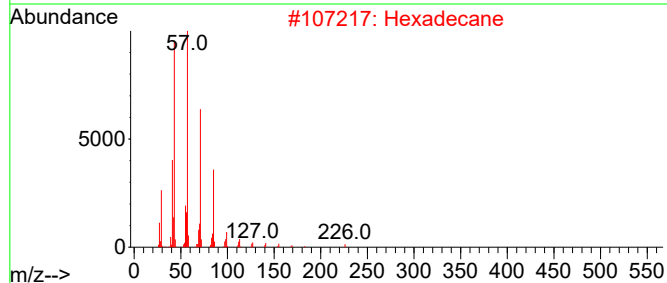
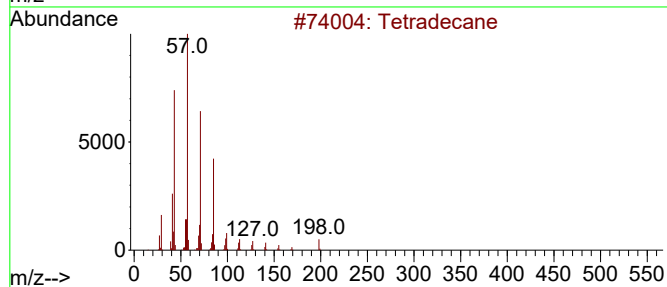
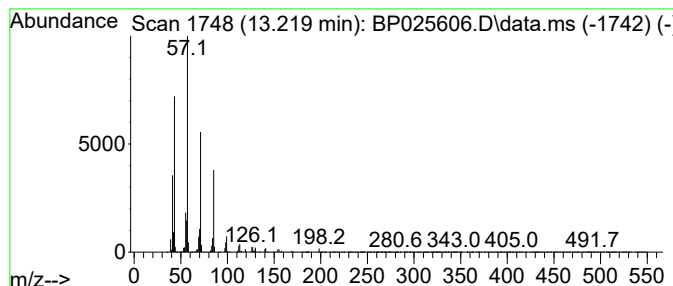
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	16.82 ng	2236810	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Undecane	156	C11H24	001120-21-4	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

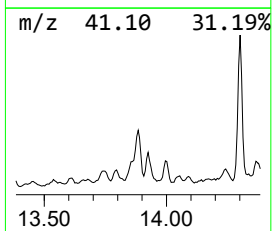
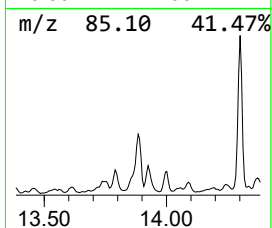
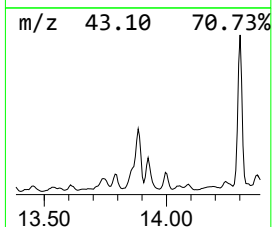
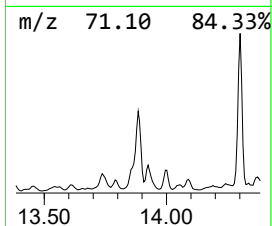
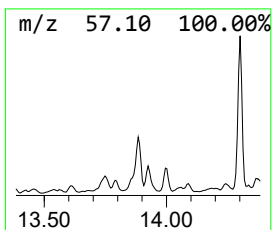
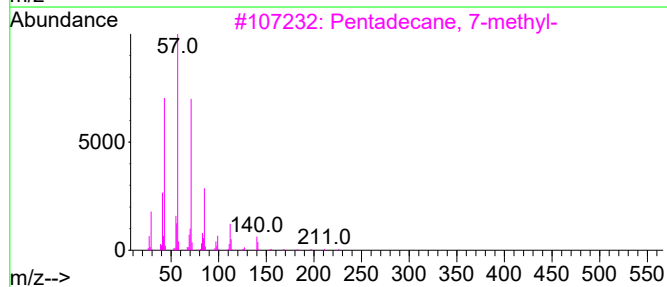
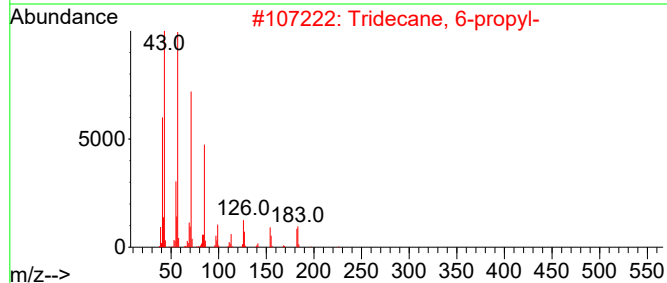
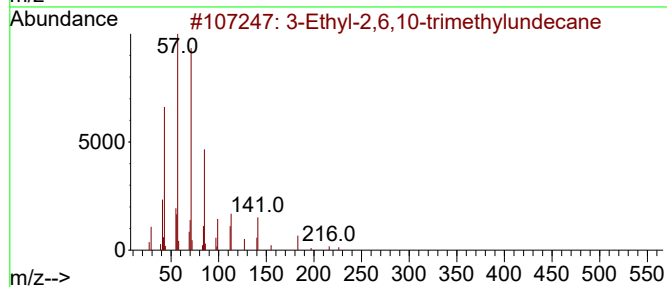
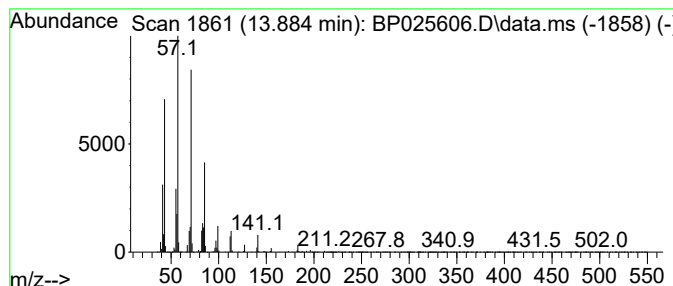
Instrument :
BNA_P
ClientSampleId :
MW1

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 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.884	8.36 ng	1111450	Acenaphthene-d10		14.390	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	96
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
3	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

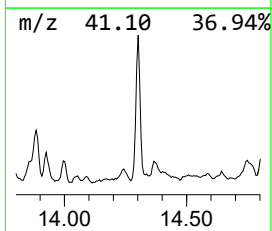
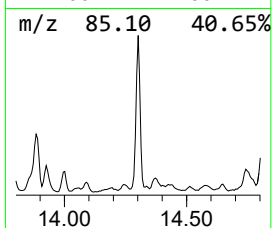
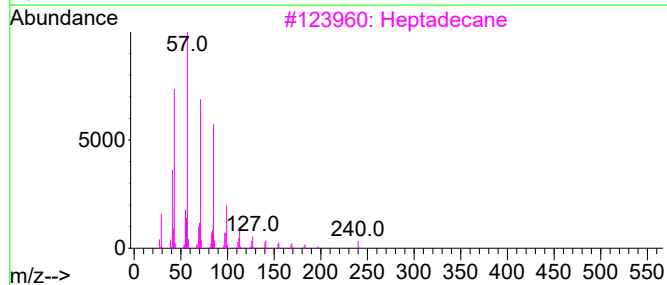
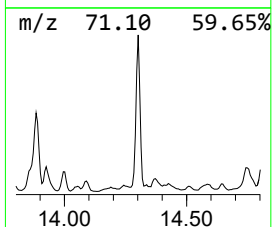
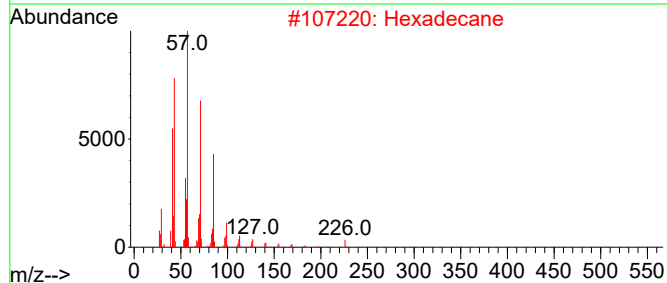
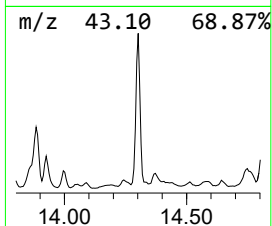
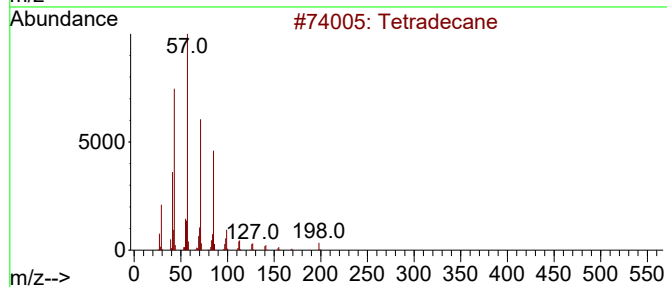
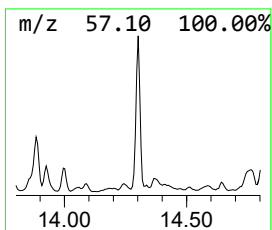
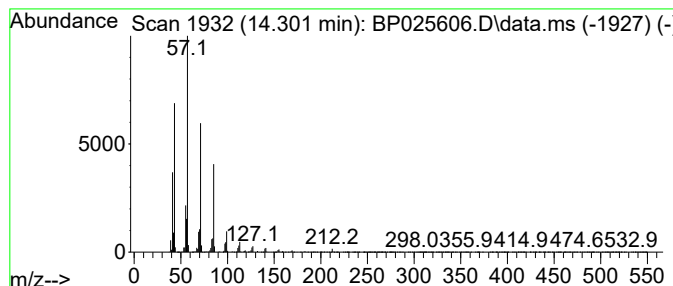
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.301	22.88 ng	3042050	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

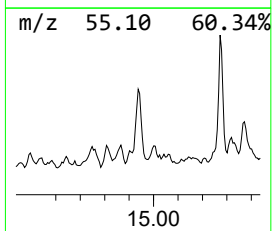
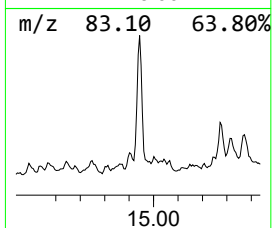
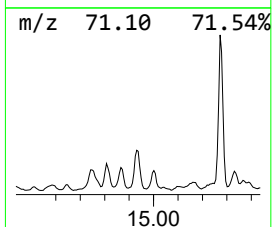
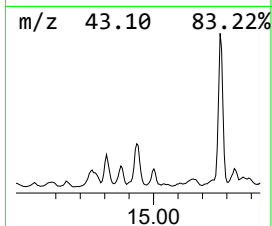
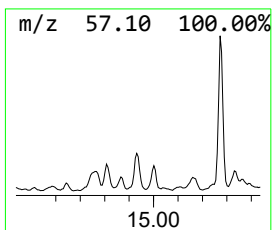
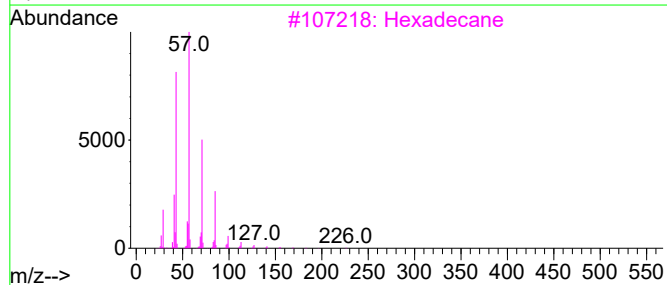
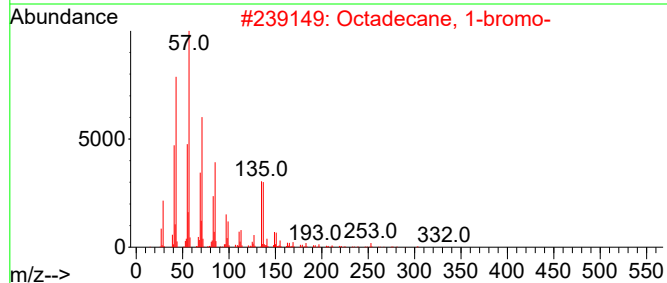
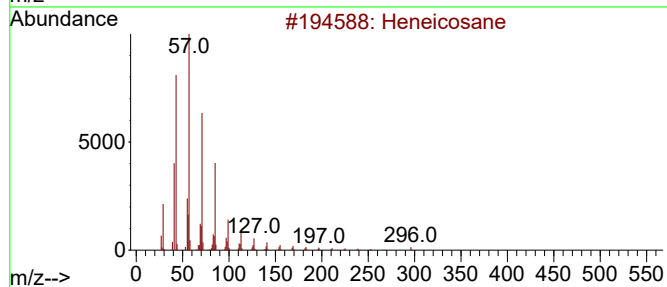
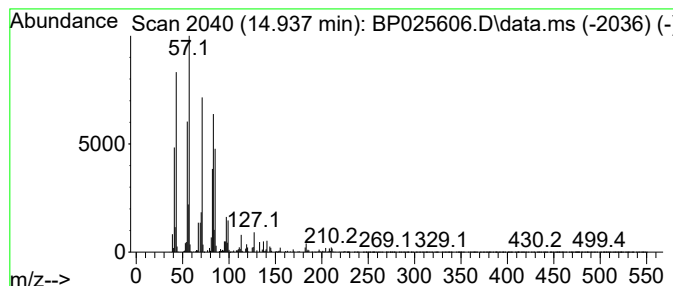
Instrument :
BNA_P
ClientSampleId :
MW1

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 7 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.937	11.71 ng	1556840	Acenaphthene-d10		14.390	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	58
2	Octadecane, 1-bromo-		332	C18H37Br	000112-89-0	58
3	Hexadecane		226	C16H34	000544-76-3	50
4	Nonadecane		268	C19H40	000629-92-5	49
5	Tetracosane		338	C24H50	000646-31-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

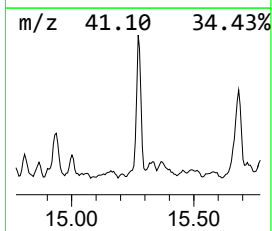
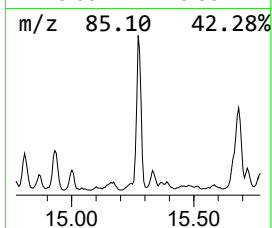
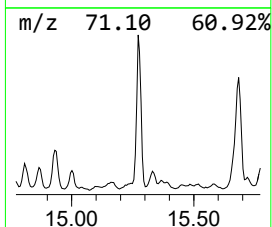
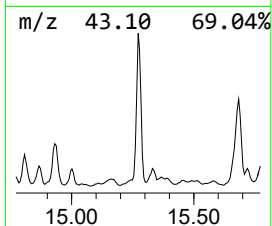
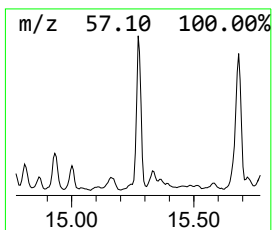
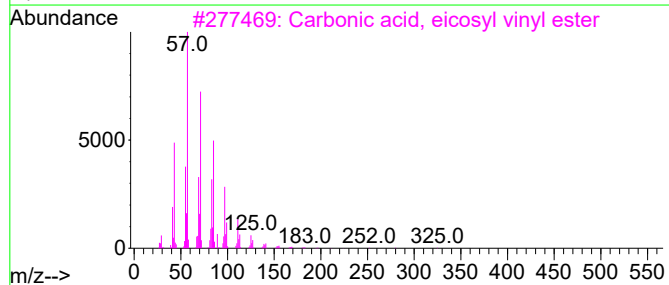
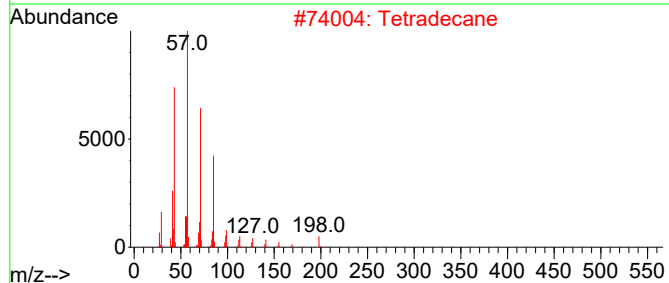
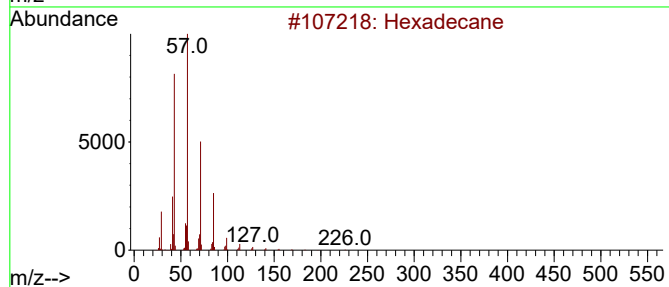
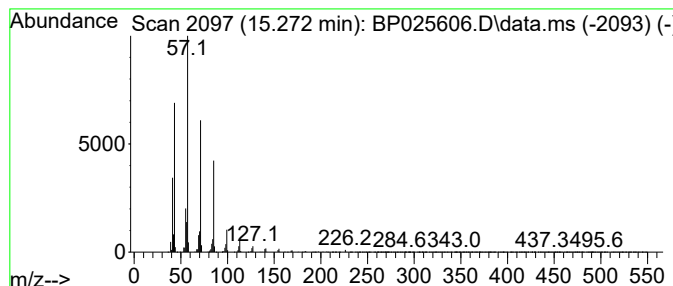
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, eicosyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.272	24.32 ng	3233300	Acenaphthene-d10	14.390	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	96
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

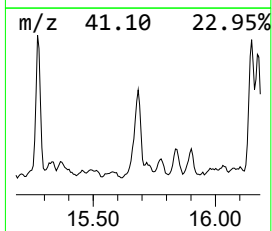
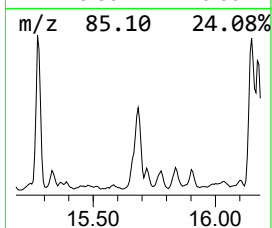
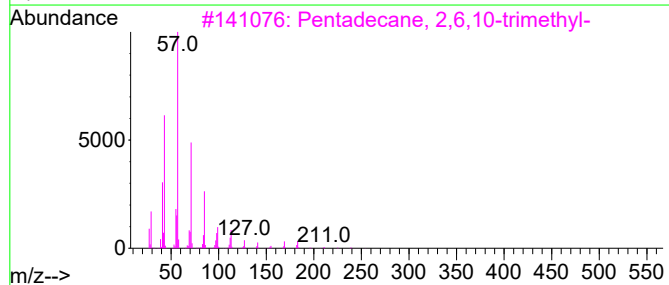
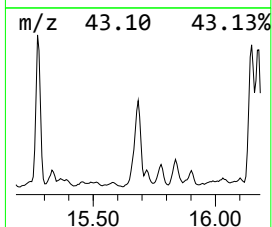
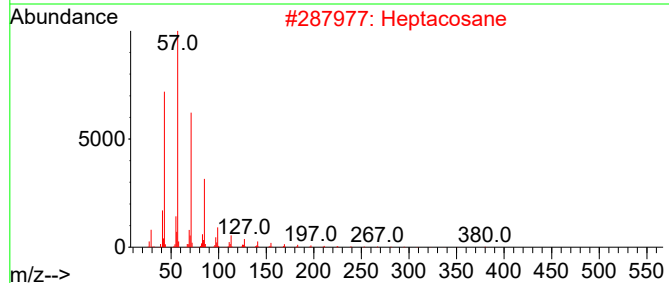
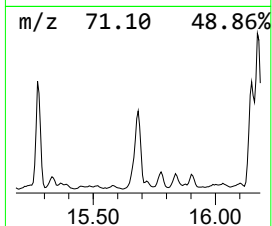
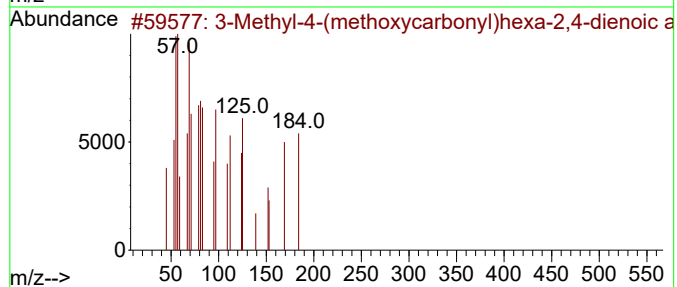
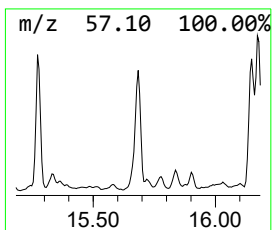
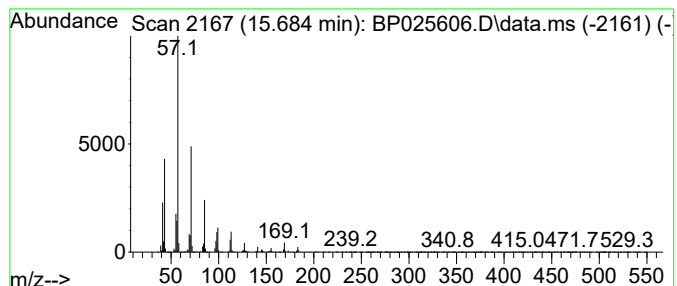
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	23.88 ng	3175670	Acenaphthene-d10	14.390

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2		Heptacosane	380	C27H56	000593-49-7	80
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	76
4		Heneicosane	296	C21H44	000629-94-7	72
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

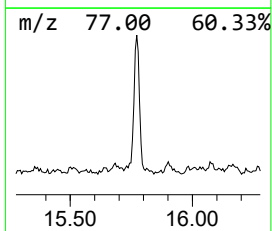
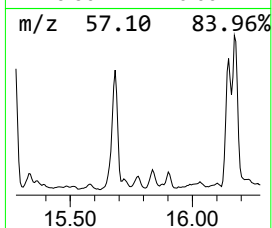
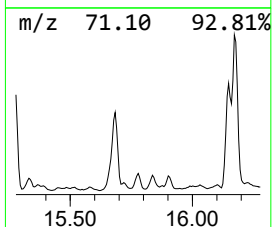
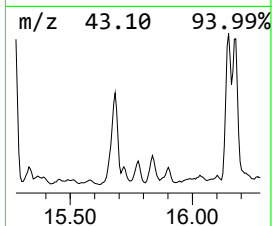
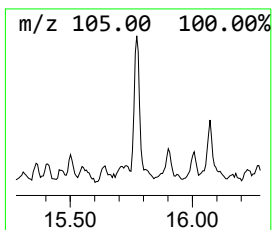
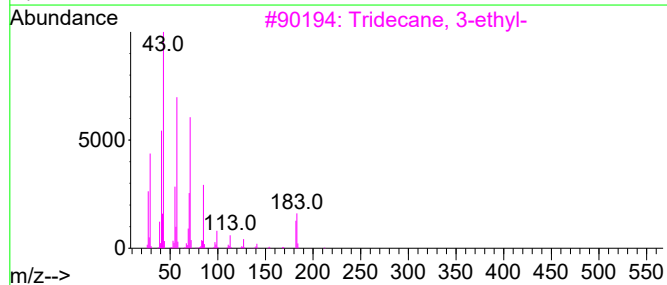
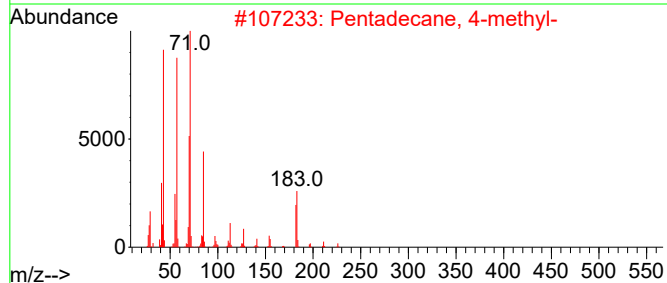
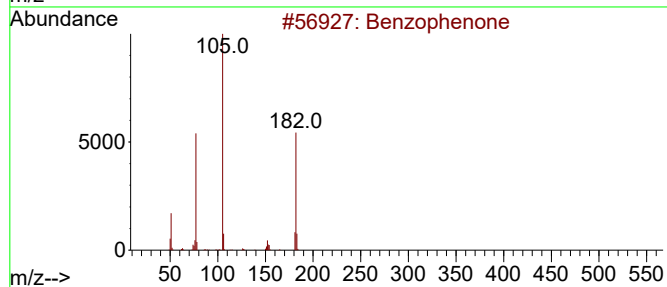
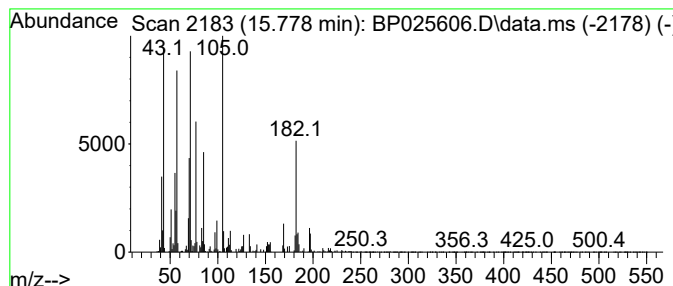
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.778	8.36 ng	1111040	Acenaphthene-d10	14.390	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	49
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	49
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	45
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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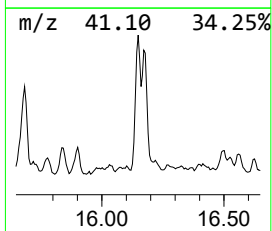
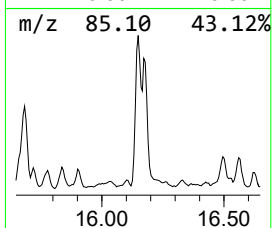
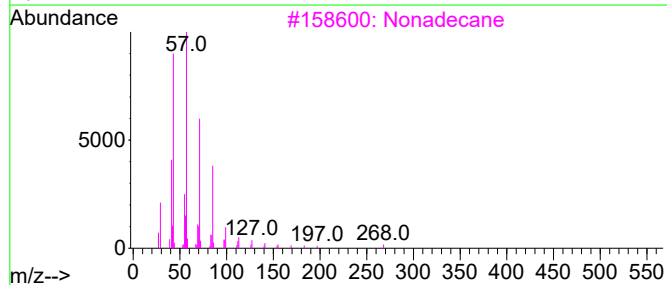
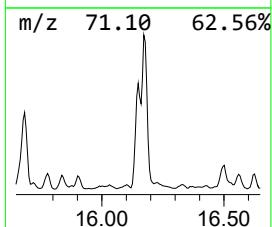
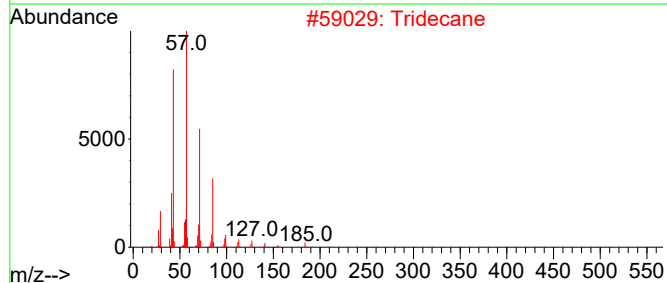
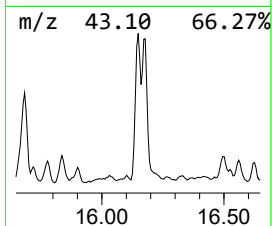
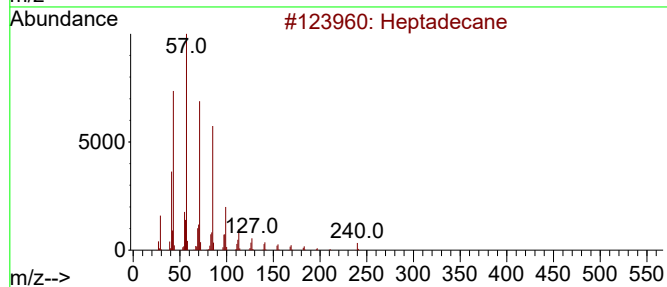
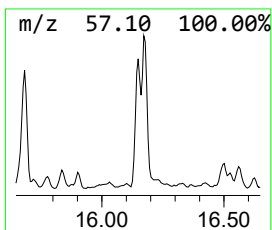
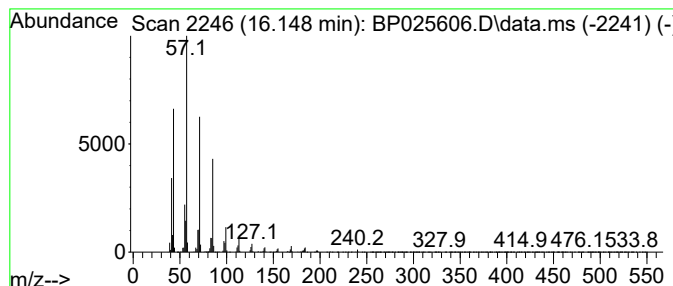
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.148	35.91 ng	4061970	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			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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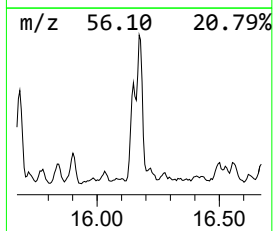
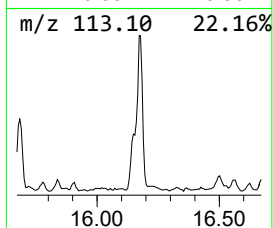
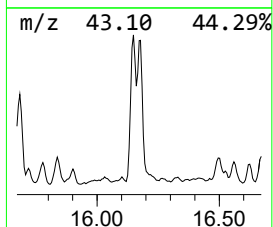
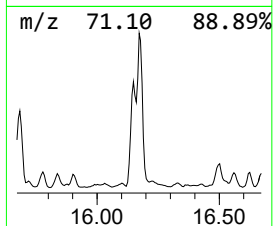
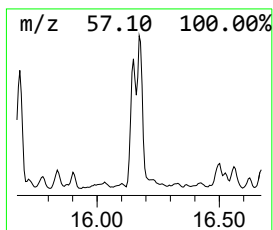
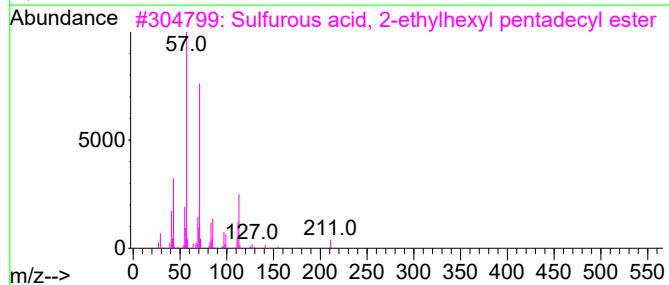
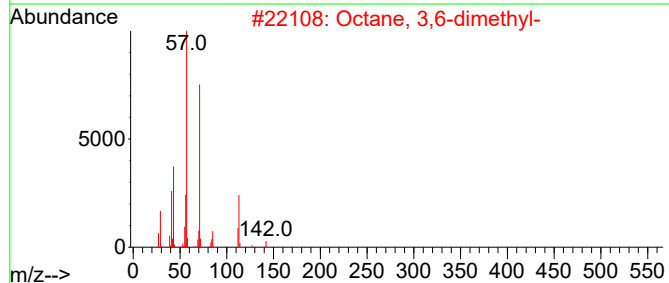
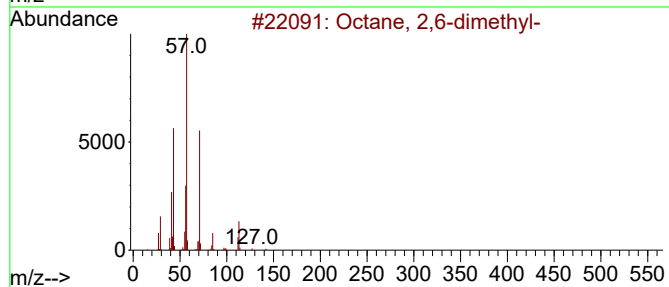
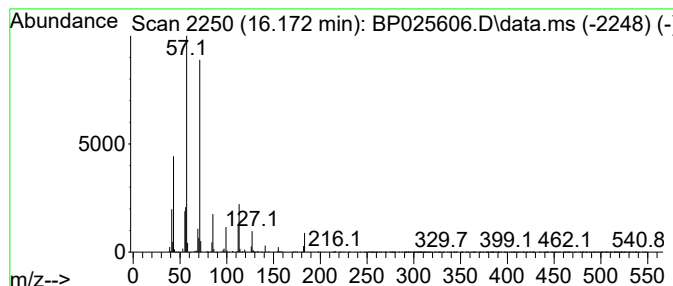
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.172	39.87 ng	4509000	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
3			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	72
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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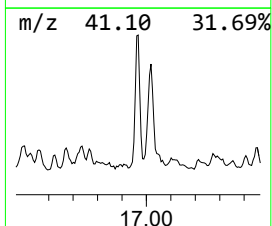
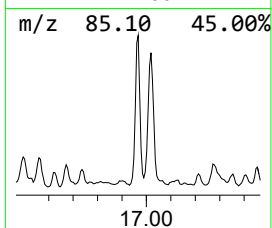
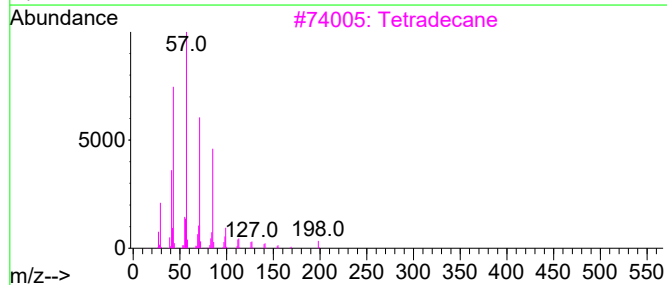
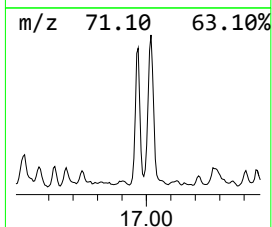
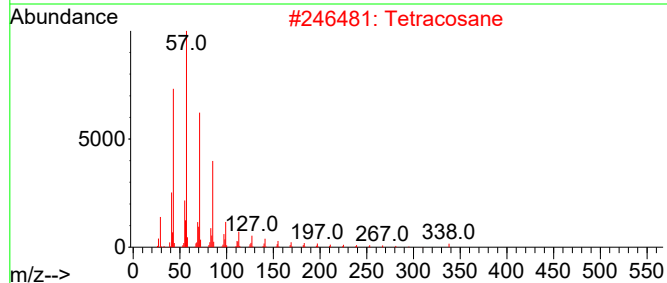
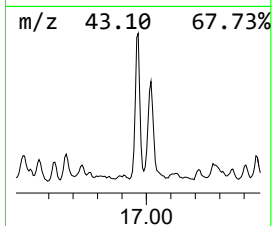
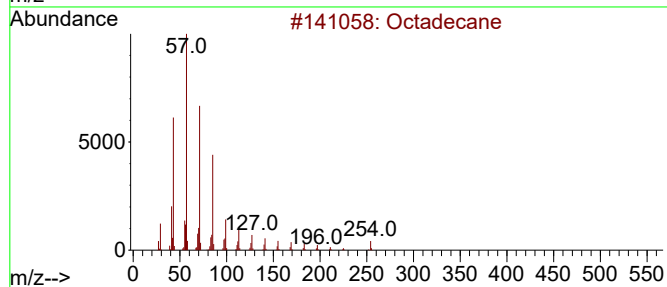
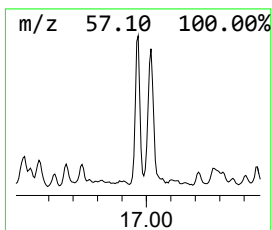
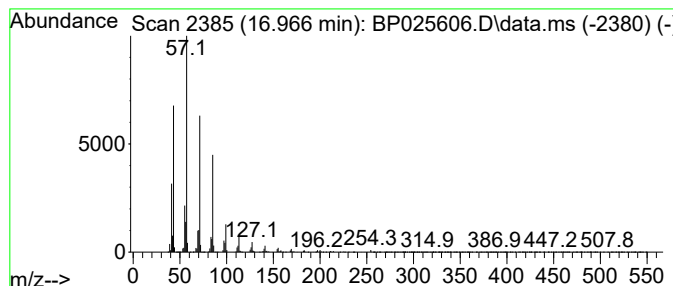
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	29.09 ng	3289680	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Dodecane	170	C12H26	000112-40-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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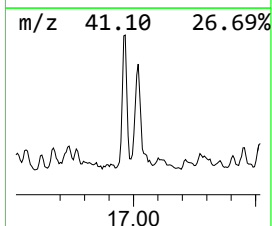
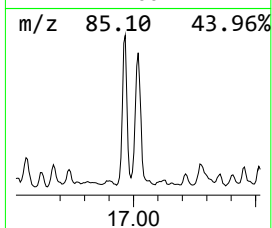
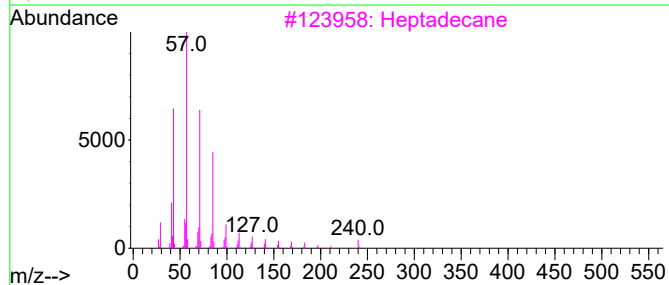
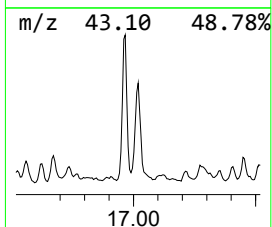
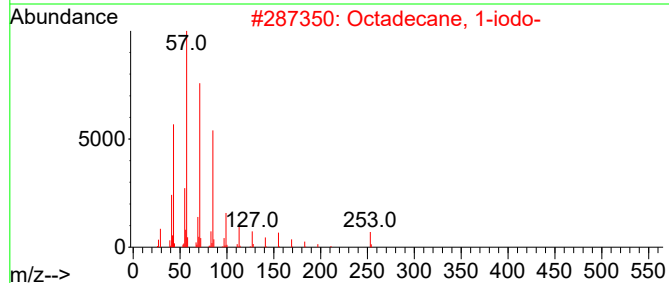
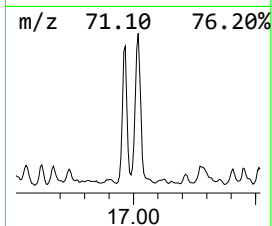
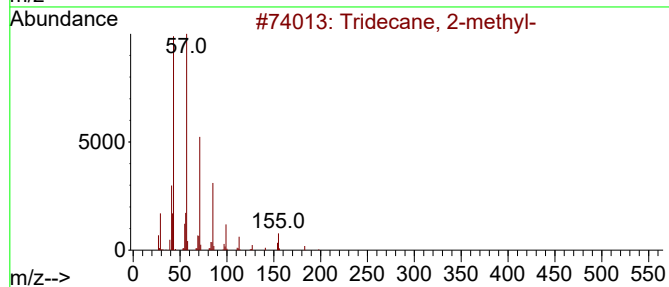
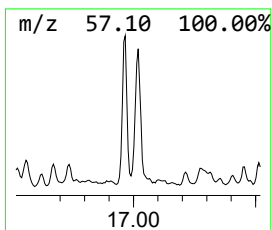
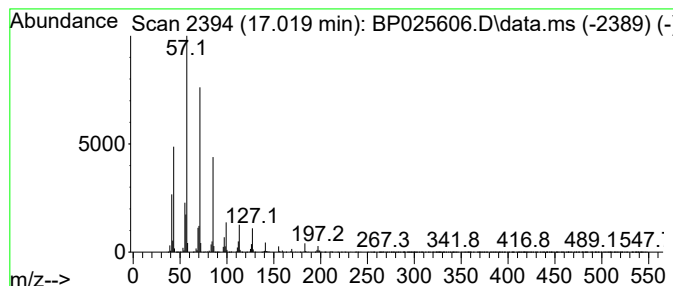
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.019	33.26 ng	3761660	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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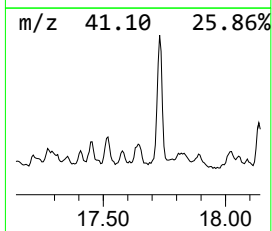
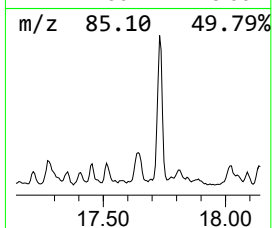
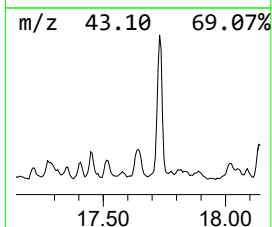
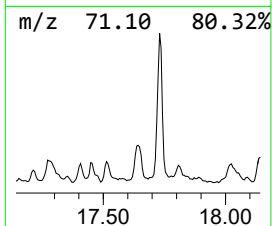
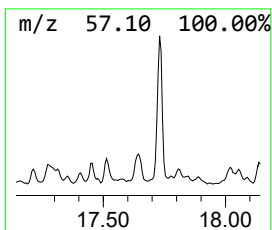
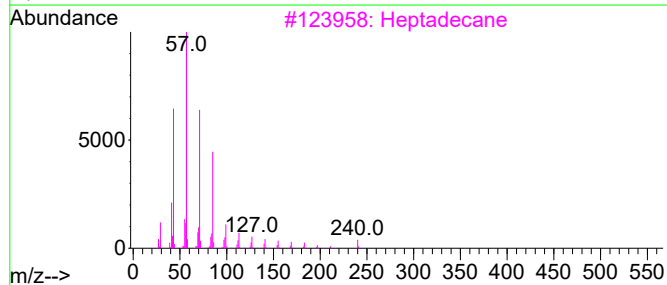
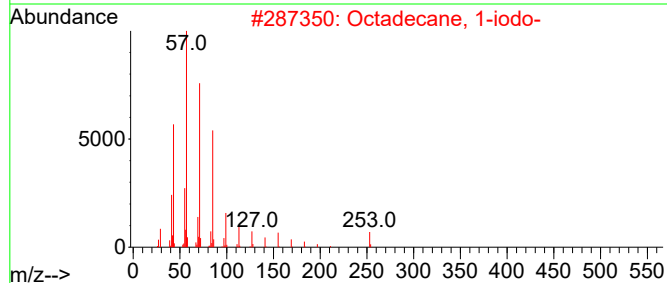
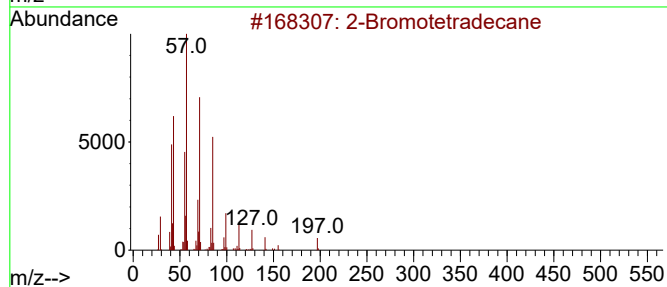
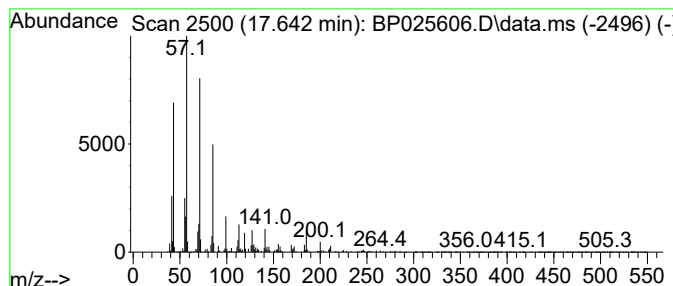
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromotetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.642	8.27 ng	935195	Phenanthrene-d10	17.195

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

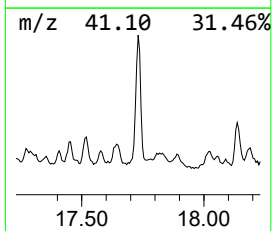
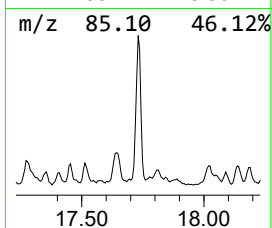
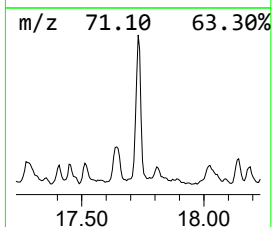
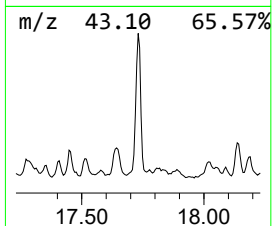
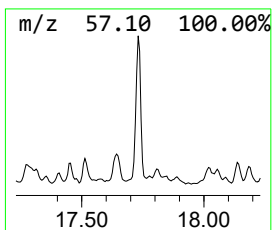
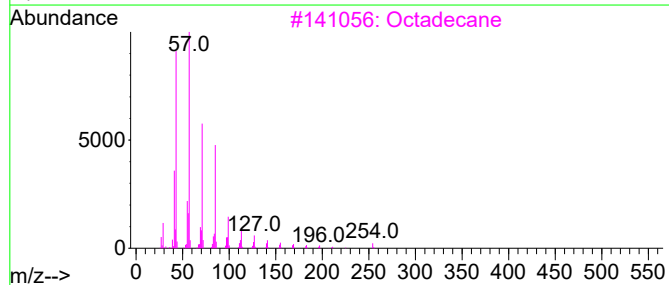
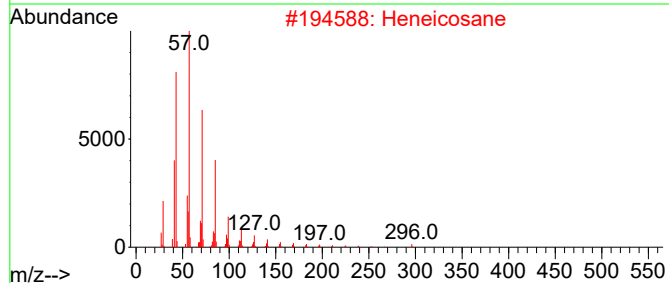
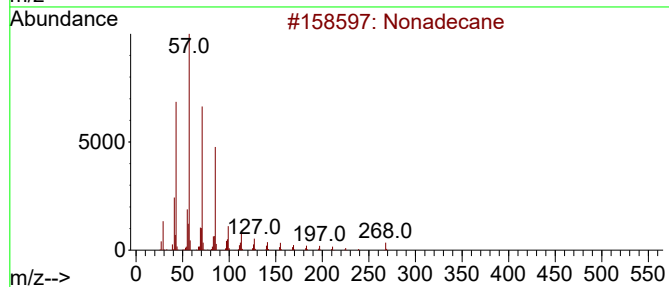
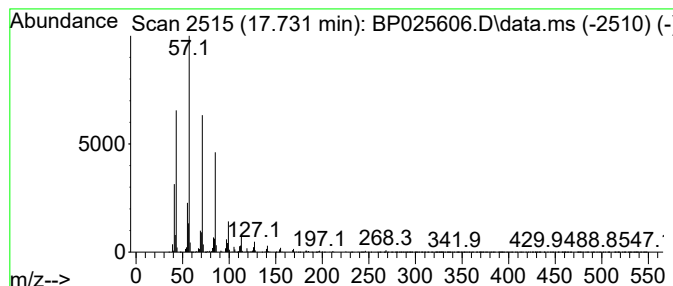
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.731	27.05 ng	3059160	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

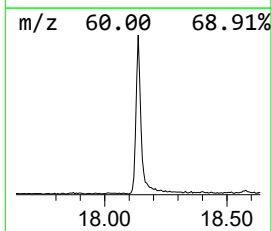
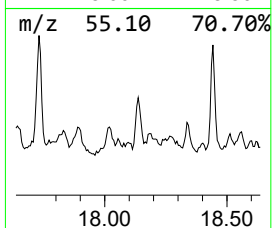
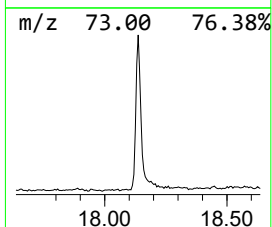
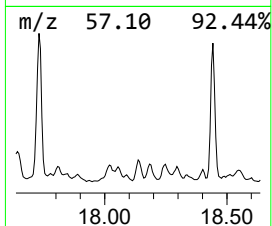
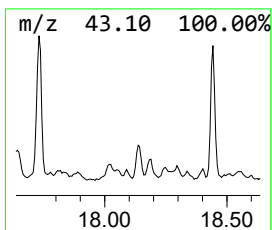
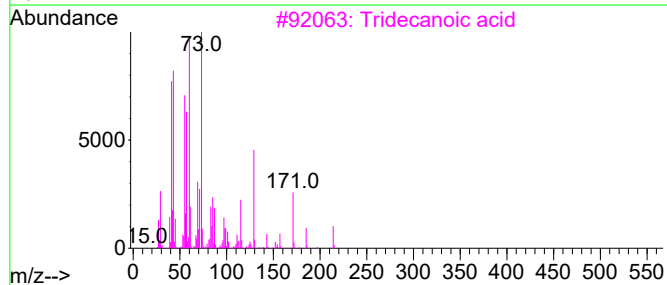
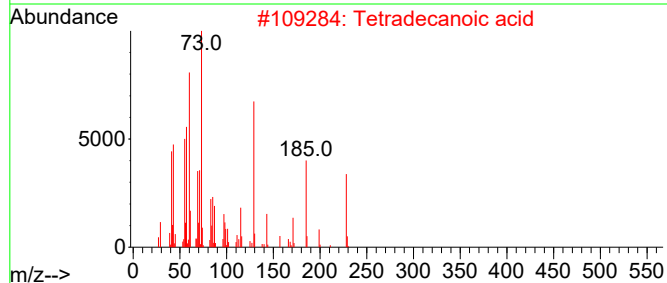
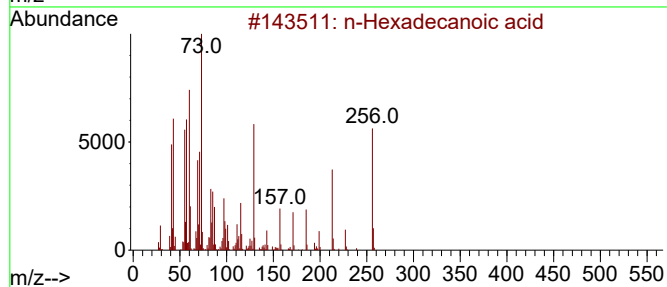
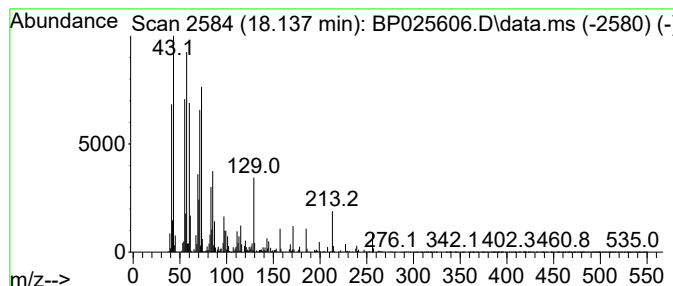
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.137	10.94 ng	1237510	Phenanthrene-d10		17.195	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	60
4	Octadecanoic acid		284	C18H36O2	000057-11-4	58
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

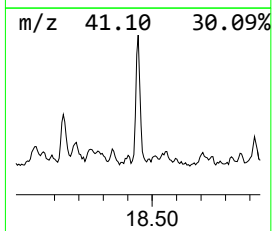
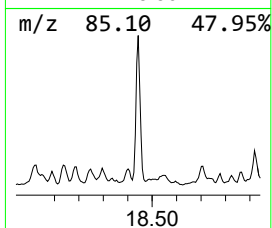
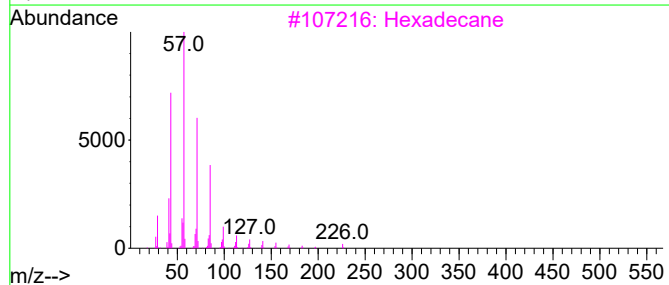
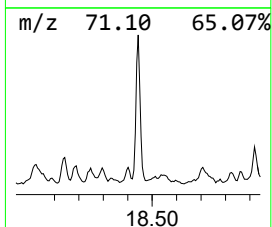
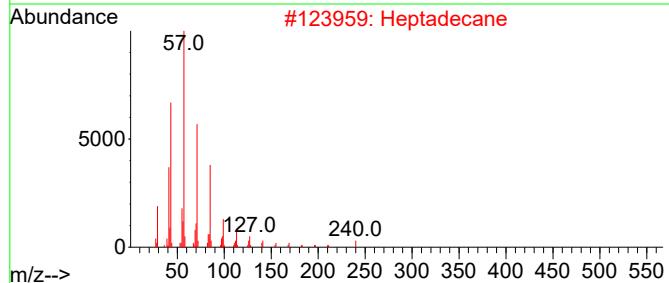
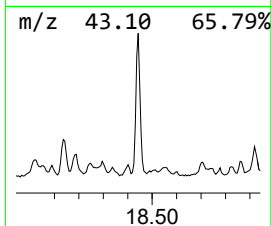
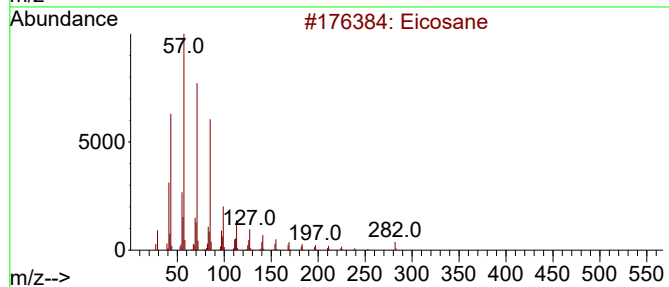
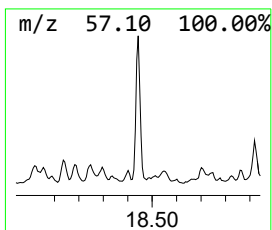
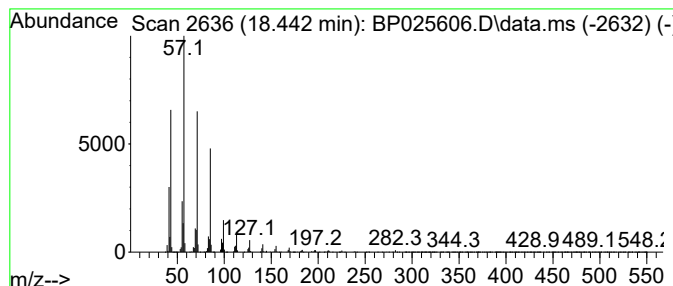
Instrument :
BNA_P
ClientSampleId :
MW1

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

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

Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.442	22.10 ng	2499280	Phenanthrene-d10		17.195	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Heptadecane		240	C17H36	000629-78-7	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Octadecane		254	C18H38	000593-45-3	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

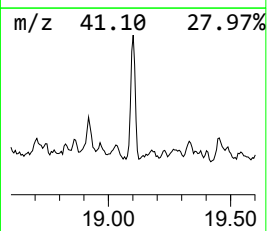
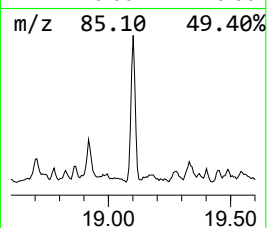
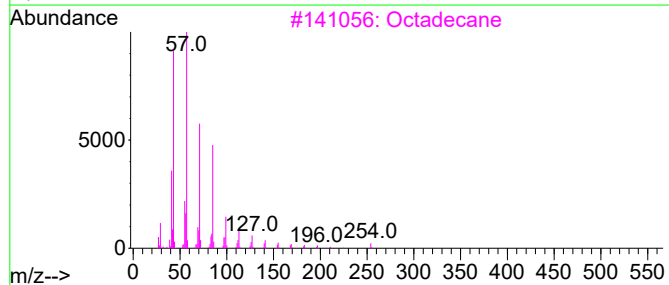
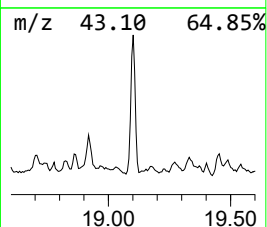
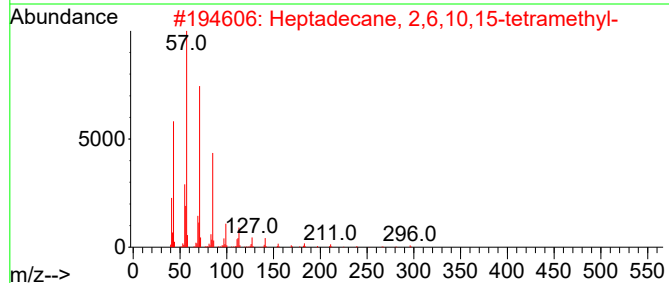
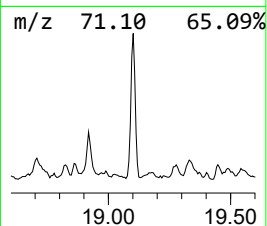
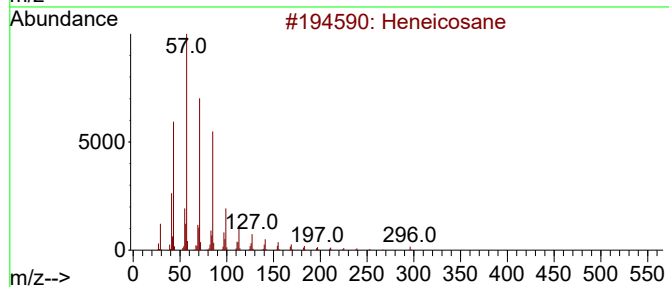
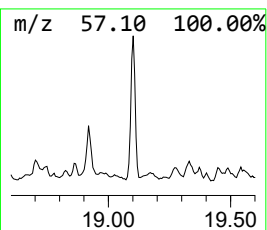
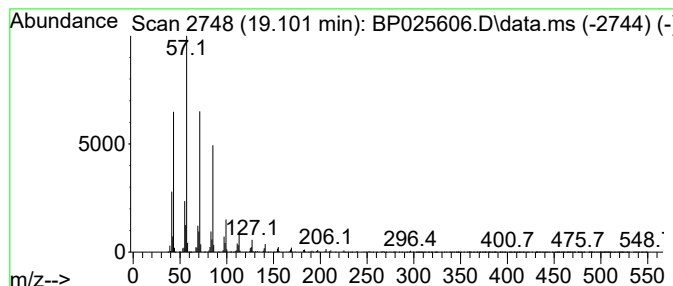
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.101	18.54 ng	2096530	Phenanthrene-d10		17.195	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	92
3	Octadecane		254	C18H38	000593-45-3	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

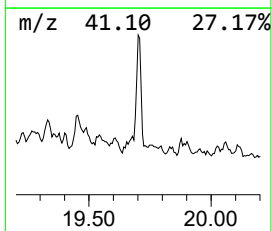
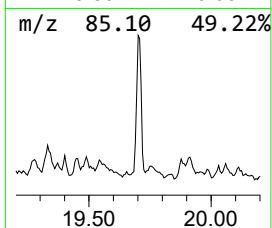
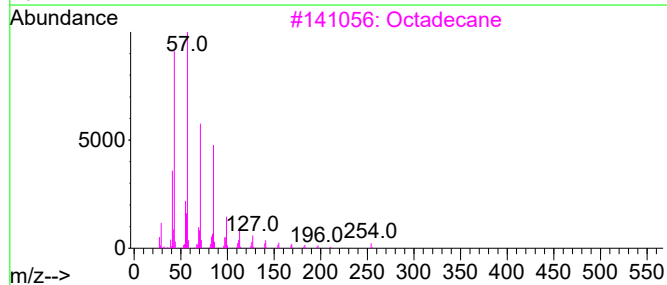
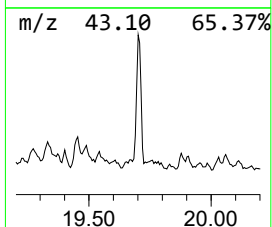
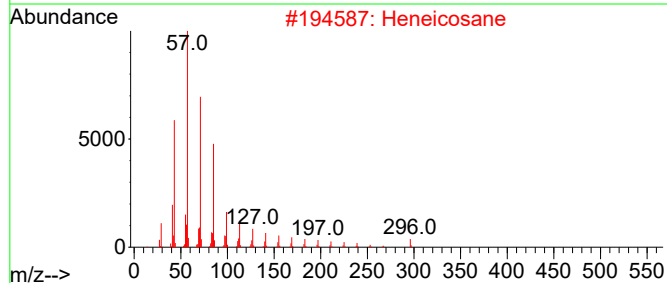
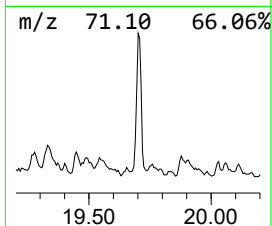
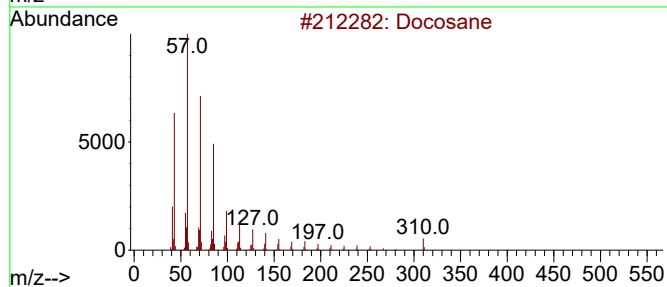
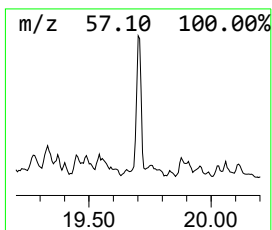
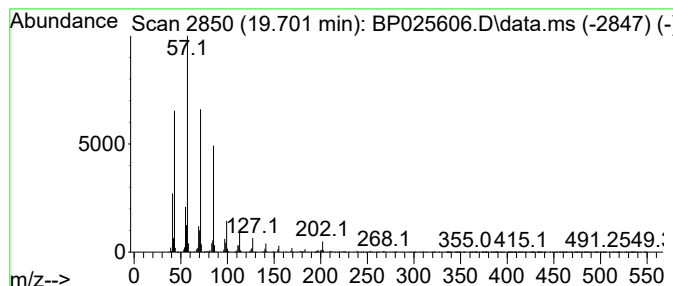
Instrument :
BNA_P
ClientSampleId :
MW1

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 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.701	12.56 ng	1529530	Chrysene-d12	21.642	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025606.D
 Acq On : 27 Aug 2025 17:03
 Operator : CG/JU
 Sample : Q2921-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW1

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...	3.031	86.9	ng	4936570	1	7.778	1135930	20.0
Tridecane	11.960	13.5	ng	1582720	2	10.543	2344480	20.0
Hexadecane, 2,6...	12.925	8.5	ng	1135920	3	14.390	2659290	20.0
Tetradecane	13.219	16.8	ng	2236810	3	14.390	2659290	20.0
3-Ethyl-2,6,10-...	13.884	8.4	ng	1111450	3	14.390	2659290	20.0
Hexadecane	14.301	22.9	ng	3042050	3	14.390	2659290	20.0
Heneicosane	14.937	11.7	ng	1556840	3	14.390	2659290	20.0
Carbonic acid, ...	15.272	24.3	ng	3233300	3	14.390	2659290	20.0
3-Methyl-4-(met...	15.684	23.9	ng	3175670	3	14.390	2659290	20.0
Benzophenone	15.778	8.4	ng	1111040	3	14.390	2659290	20.0
Heptadecane	16.148	35.9	ng	4061970	4	17.195	2262020	20.0
Octane, 2,6-dim...	16.172	39.9	ng	4509000	4	17.195	2262020	20.0
Octadecane	16.966	29.1	ng	3289680	4	17.195	2262020	20.0
Tridecane, 2-me...	17.019	33.3	ng	3761660	4	17.195	2262020	20.0
2-Bromotetradecane	17.642	8.3	ng	935195	4	17.195	2262020	20.0
Nonadecane	17.731	27.1	ng	3059160	4	17.195	2262020	20.0
n-Hexadecanoic ...	18.137	10.9	ng	1237510	4	17.195	2262020	20.0
Eicosane	18.442	22.1	ng	2499280	4	17.195	2262020	20.0
Heptadecane, 2,...	19.101	18.5	ng	2096530	4	17.195	2262020	20.0
Docosane	19.701	12.6	ng	1529530	5	21.642	2434730	20.0