LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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: BP025462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	27	rVB	212748	304593	9.00%	0.482%
2	5.401	413	419	432	rBV	396890	617566	18.24%	0.978%
3	6.960	677	684	692	rBV	362561	638206	18.85%	1.011%
4	7.784	817	824	831	rBV	614778	993965	29.37%	1.574%
5	8.884	1001	1011	1013	rBV2	73622	149492	4.42%	0.237%
6	8.925	1013	1018	1024	rVB	229888	387565	11.45%	0.614%
7	9.131	1042	1053	1060	rBV7	71876	193930	5.73%	0.307%
8	9.495	1111	1115	1120	rVB	85499	136226	4.02%	0.216%
9	9.754	1154	1159	1166	rBV5	94742	203358	6.01%	0.322%
10	9.919	1182	1187	1191	rBV2	56526	101328	2.99%	0.160%
11	10.195	1230	1234	1240	rVB2	74529	129714	3.83%	0.205%
12	10.266	1240	1246	1255	rBV	62360	133280	3.94%	0.211%
13	10.348	1255	1260	1269	rBV5	58841	106519	3.15%	0.169%
14	10.554	1285	1295	1302	rBV	895835	1781357	52.63%	2.821%
15	10.678	1312	1316	1321	rVV3	49210	88348	2.61%	0.140%
16	10.725	1321	1324	1328	rVB	74557	100609	2.97%	0.159%
17	10.783	1328	1334	1337	rBV6	52383	90828	2.68%	0.144%
18	10.978	1362	1367	1370	rBV6	57071	108406	3.20%	0.172%
19	11.019	1370	1374	1379	rVV	87488	130239	3.85%	0.206%
20	11.136	1389	1394	1398	rBV2	70266	101106	2.99%	0.160%
21	11.225	1404	1409	1410	rBV2	67505	97374	2.88%	0.154%
22	11.325	1422	1426	1432	rVB2	68410	130481	3.85%	0.207%
23	11.401	1433	1439	1444	rVB5	109871	198292	5.86%	0.314%
24	11.478	1445	1452	1459	rBV4	147966	342802	10.13%	0.543%
25	11.589	1466	1471	1474	rBV	172779	305260	9.02%	0.483%
26	11.660	1480	1483	1489	rVB2	90494	158202	4.67%	0.251%
27	11.742	1491	1497	1505	rBV2	271485	526267	15.55%	0.833%
28	11.983	1532	1538	1542	rBV2	418316	668956	19.76%	1.059%
29	12.101	1553	1558	1563	rVB2	162050	308126	9.10%	0.488%
30	12.183	1568	1572	1573	rBV3	68969	82571	2.44%	0.131%
31	12.307	1589	1593	1597	rBV4	44577	79013	2.33%	0.125%
32	12.425	1609	1613	1616	rBV4	79400	139475	4.12%	0.221%
33	12.466	1616	1620	1626	rVV2	443655	730665	21.59%	1.157%
34	12.519	1626	1629	1632	rVV3	108363	143100	4.23%	0.227%
35	12.548	1632	1634	1637	rVB	76042	79057	2.34%	0.125%
36	12.613	1643	1645	1649	rVB2	105614	127561	3.77%	0.202%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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

37	12.725	1660	1664	1667	rBV5	129510	216380	6.39%	0.343%
38	12.889	1687	1692	1697	rBV5	190764	373799	11.04%	0.592%
39	12.942	1697	1701	1706	rVV3	454285	689364	20.37%	1.092%
40	13.007	1706	1712	1721	rVV	701003	1170287	34.57%	1.853%
41	13.101	1724	1728	1734	rVB4	99616	148380	4.38%	0.235%
42	13.189	1739	1743	1745	rVV4	102896	172241	5.09%	0.273%
43	13.230	1745	1750	1757	rVV	996421	1466509	43.33%	2.323%
44	13.283	1757	1759	1762	rVV4	69524	101916	3.01%	0.161%
45	13.336	1762	1768	1773	rVV2	361847	686175	20.27%	1.087%
46	13.389	1773	1777	1781	rVB4	184432	244683	7.23%	0.388%
47	13.554	1801	1805	1814	rBV5	216461	546098	16.13%	0.865%
48	13.672	1822	1825	1829	rBV4	194859	388051	11.46%	0.615%
49	13.766	1836	1841	1845	rVB5	303436	509724	15.06%	0.807%
50	13.824	1848	1851	1854	rVB2	147957	193973	5.73%	0.307%
51	13.866	1854	1858	1860	rBV2	228160	309870	9.15%	0.491%
52	13.895	1860	1863	1866	rVV	489024	633868	18.73%	1.004%
53	13.930	1867	1869	1873	rVV3	257363	334781	9.89%	0.530%
54	13.983	1876	1878	1880	rVB2	132491	101225	2.99%	0.160%
55	14.054	1887	1890	1895	rVB5	90327	148131	4.38%	0.235%
56	14.248	1920	1923	1928	rVB3	181052	282519	8.35%	0.447%
57	14.313	1929	1934	1939	rBV	1843183	2200844	65.02%	3.486%
58	14.395	1939	1948	1954	rBV	1231769	2289786	67.65%	3.626%
59	14.813	2017	2019	2026	rVB4	284548	426185	12.59%	0.675%
60	14.883	2027	2031	2035	rBV2	227425	320817	9.48%	0.508%
61	14.942	2037	2041	2049	rVB5	413103	726706	21.47%	1.151%
62	15.013	2049	2053	2055	rBV	235385	326905	9.66%	0.518%
63	15.277	2093	2098	2103	rVB	1854272	2576563	76.12%	4.081%
64	15.454	2126	2128	2132	rVB4	111442	133095	3.93%	0.211%
65	15.589	2148	2151	2155	rVB2	177391	237181	7.01%	0.376%
66	15.695	2162	2169	2173	rBV	863478	1482159	43.79%	2.347%
67	15.783	2180	2184	2190	rVB4	359901	605259	17.88%	0.959%
68	15.842	2190	2194	2200	rBV3	291703	559304	16.52%	0.886%
69	15.913	2200	2206	2214	rVB3	646630	1182857	34.95%	1.873%
70	15.995	2216	2220	2225	rBV6	130043	252104	7.45%	0.399%
71	16.154	2243	2247	2250	rBV	2468942	3384860	100.00%	5.361%
72	16.183	2250	2252	2257	rVB	1167254	1469727	43.42%	2.328%
73	16.507	2304	2307	2310	rBV	169944	254123	7.51%	0.402%
74	16.571	2316	2318	2324	rVB3	236148	333434	9.85%	0.528%
75	16.630	2325	2328	2333	rBV3	174907	238249	7.04%	0.377%
76	16.683	2334	2337	2342	rBV2	158823	243253	7.19%	0.385%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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

77	16.748	2345	2348	2350	rBV2	193904	219811	6.49%	0.348%
78	16.977	2382	2387	2391	rBV	2220361	2947813	87.09%	4.669%
79	17.030	2391	2396	2405	rVB	969583	1556649	45.99%	2.465%
80	17.195	2419	2424	2429	rBV2	1199303	1816852	53.68%	2.877%
81	17.460	2467	2469	2472	rVB	154119	143611	4.24%	0.227%
82	17.530	2478	2481	2487	rVB	263781	329227	9.73%	0.521%
83	17.654	2498	2502	2507	rVB	251216	369370	10.91%	0.585%
84	17.742	2511	2517	2522	rBV	2108327	2981543	88.08%	4.722%
85	18.030	2564	2566	2569	rVB	120169	99094	2.93%	0.157%
86	18.148	2582	2586	2590	rVB4	264198	436158	12.89%	0.691%
87	18.195	2591	2594	2597	rVV2	151487	155342	4.59%	0.246%
88	18.459	2635	2639	2643	rBV	2263406	2481059	73.30%	3.929%
89	18.836	2701	2703	2704	rBV	101787	79962	2.36%	0.127%
90	18.936	2717	2720	2724	rVB	277518	346847	10.25%	0.549%
91	19.107	2745	2749	2754	rBV	1591884	2005962	59.26%	3.177%
92	19.324	2783	2786	2793	rVB2	271193	502903	14.86%	0.796%
93	19.459	2807	2809	2812	rBV2	114704	113114	3.34%	0.179%
94	19.712	2847	2852	2857	rVB2	1439820	1938658	57.27%	3.070%
95	19.918	2883	2887	2892	rVB	1134883	1525116	45.06%	2.415%
96	20.265	2943	2946	2951	rVB	826324	963995	28.48%	1.527%
97	20.648	3009	3011	3016	rVB	199554	184442	5.45%	0.292%
98	20.789	3031	3035	3038	rVB	612583	695761	20.56%	1.102%
99	21.630	3173	3178	3185	rVB2	1306119	2271697	67.11%	3.598%
100	21.900	3221	3224	3230	rVB	281088	400543	11.83%	0.634%

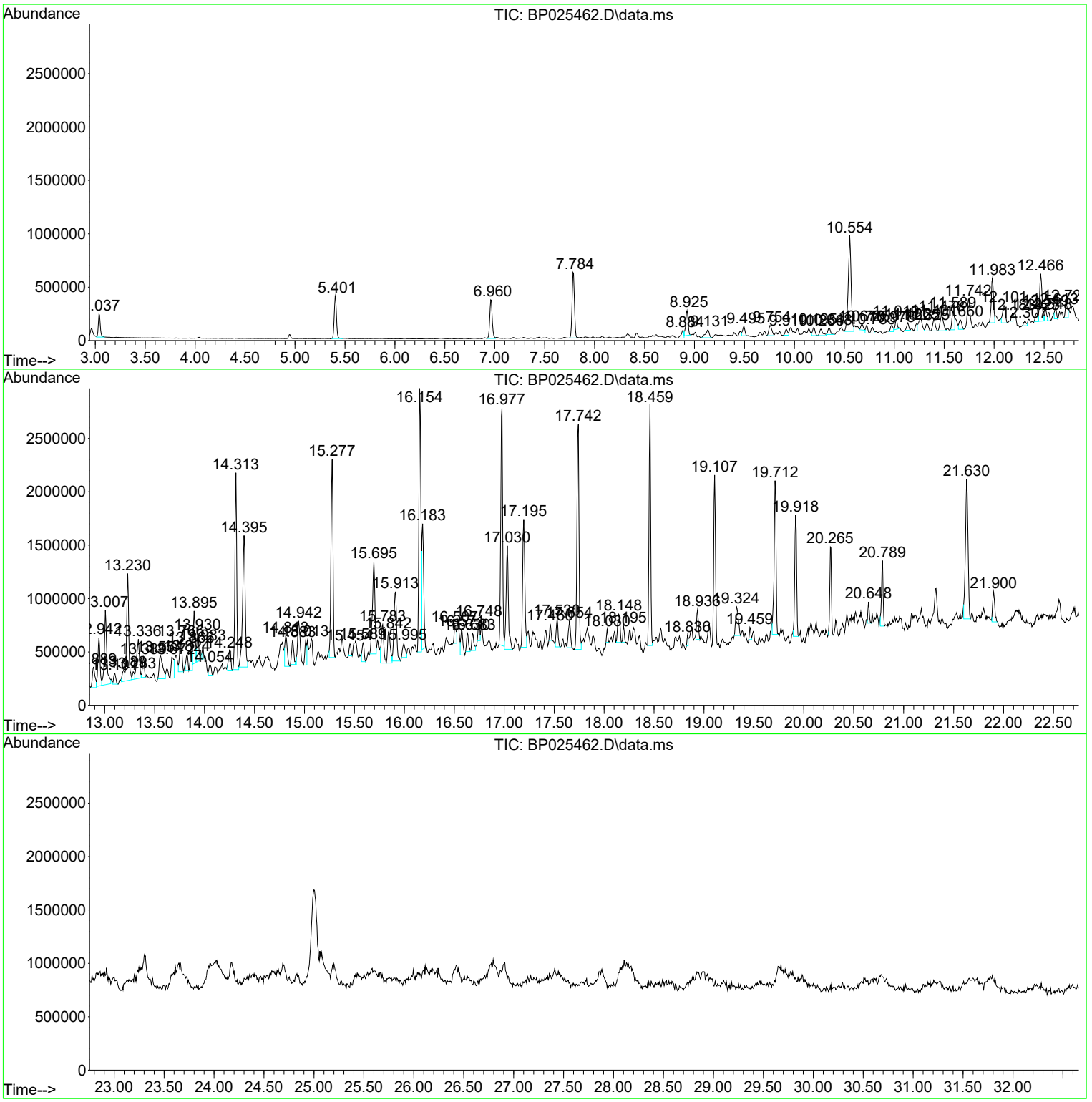
Sum of corrected areas: 63140751

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TR-05-081325

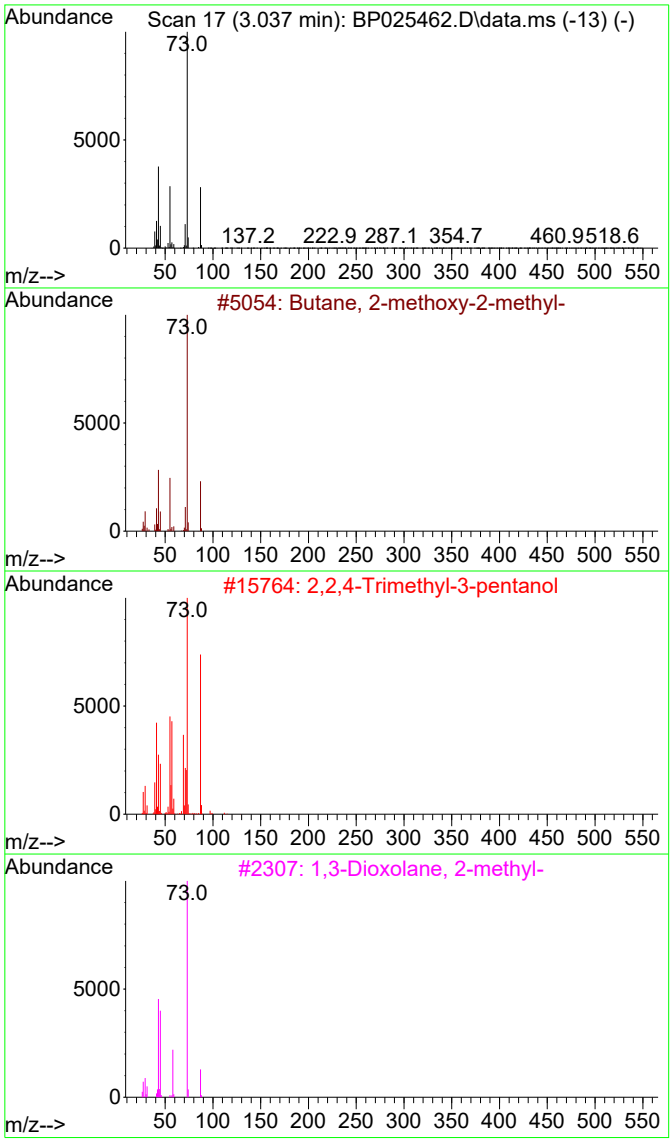
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

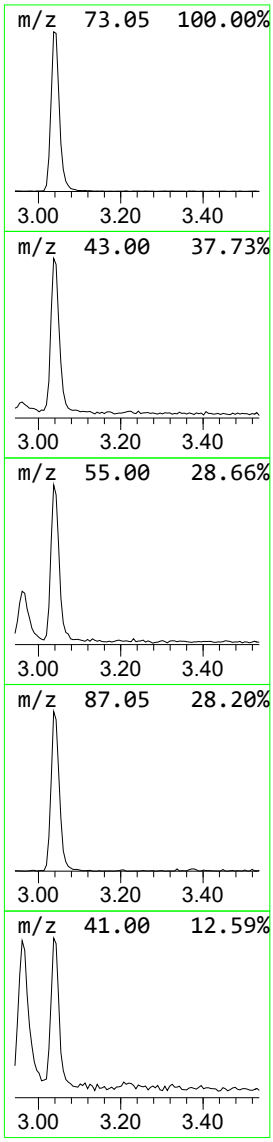
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	6.13 ng	304593	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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

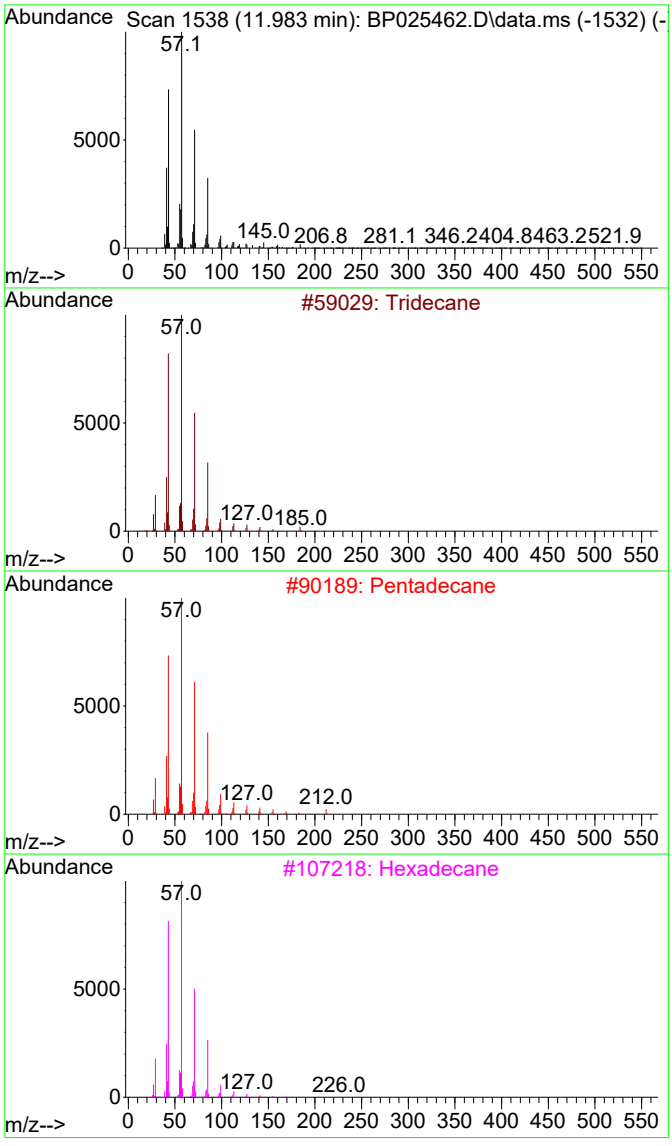
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

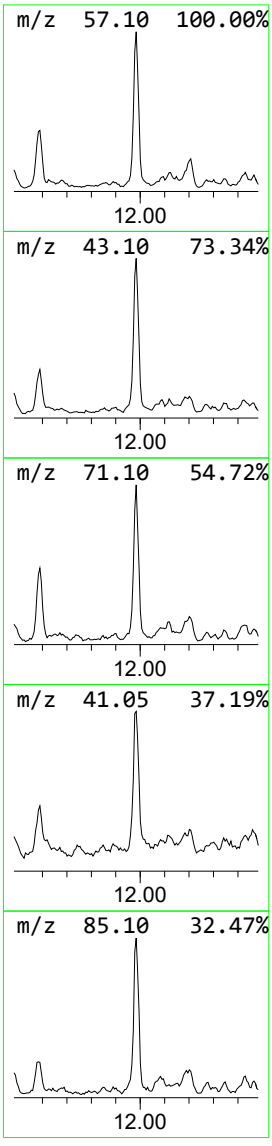
****

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.983	7.51 ng	668956	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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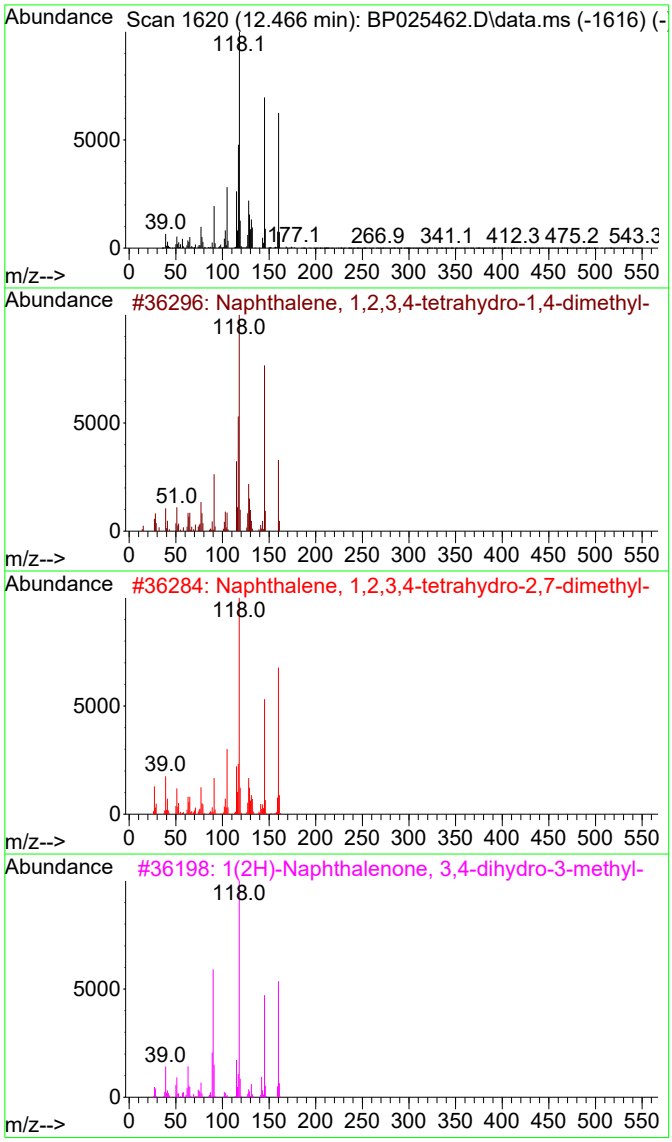
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

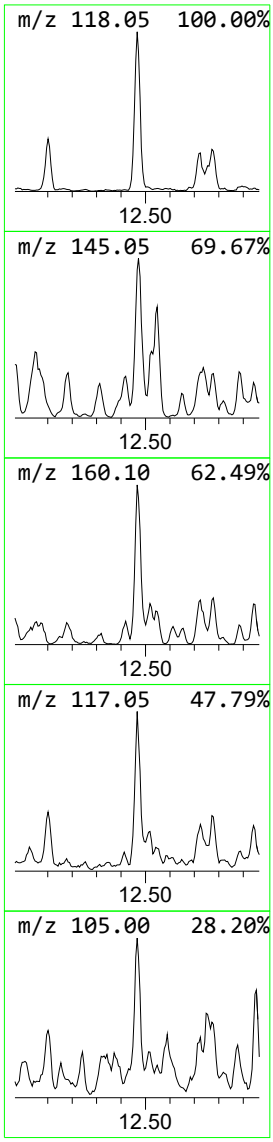
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.466	8.20 ng	730665	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

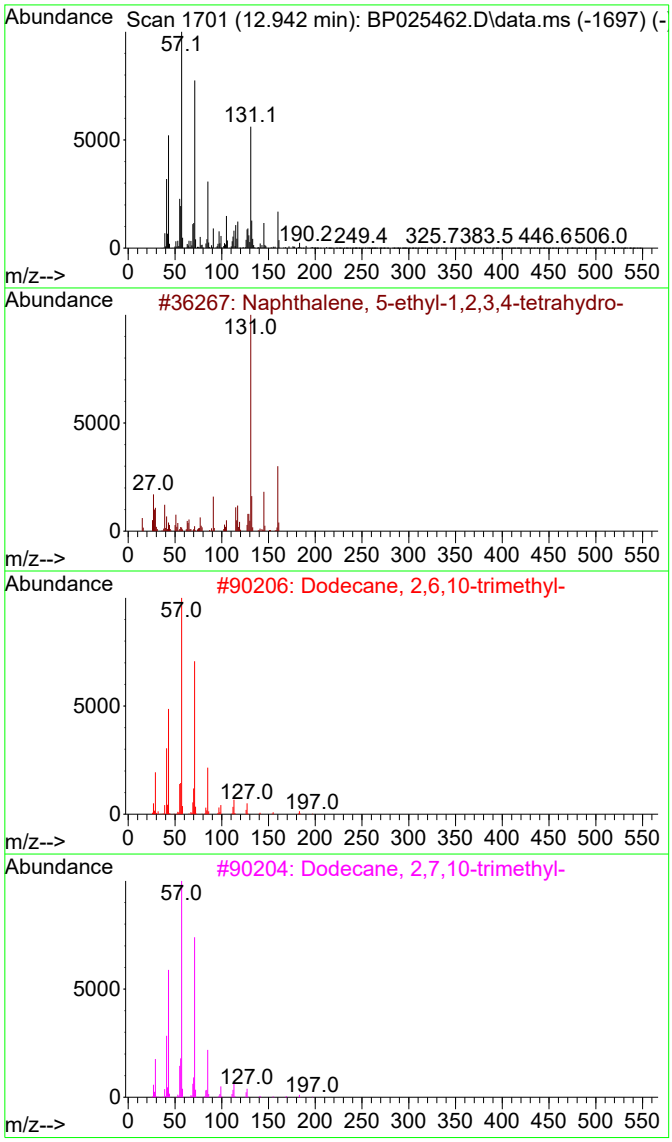
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

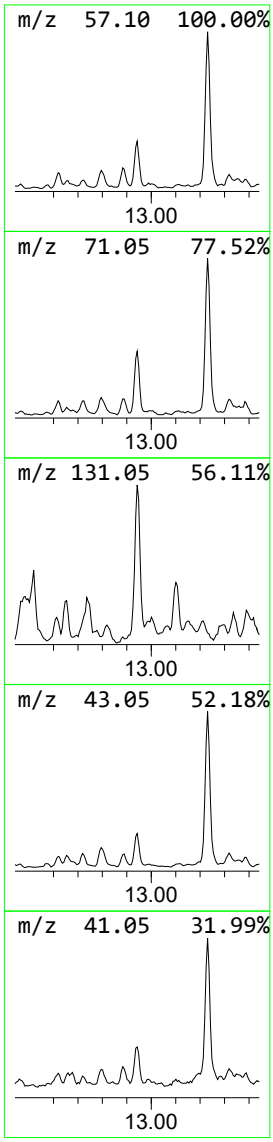
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 5-ethyl-1,2,3,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	6.02 ng	689364	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	55
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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

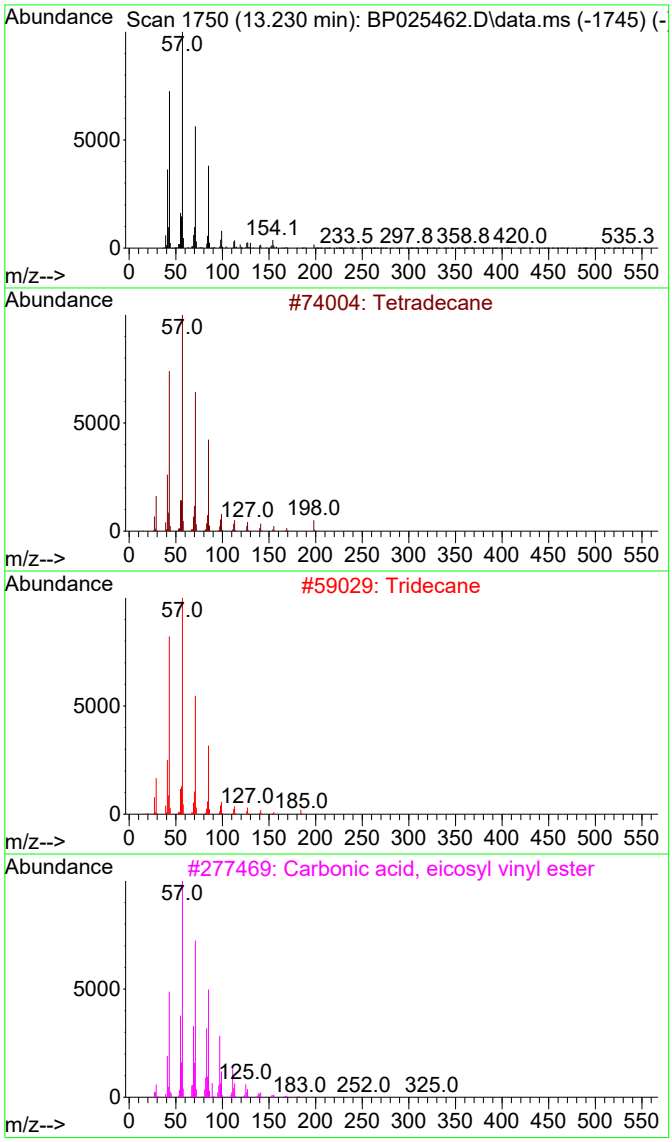
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

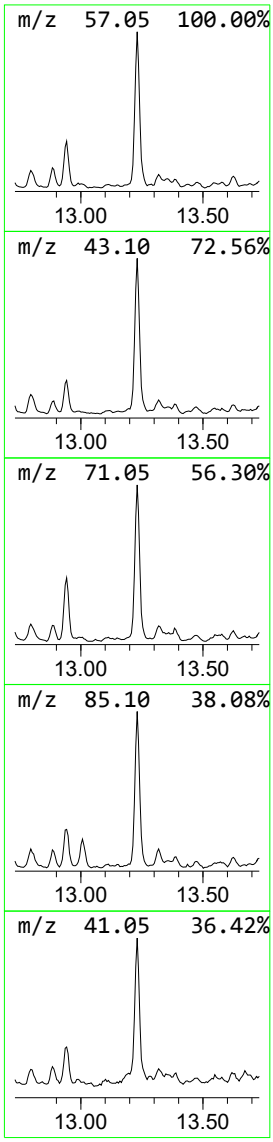
****

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.230	12.81 ng	1466510	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





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Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-081325

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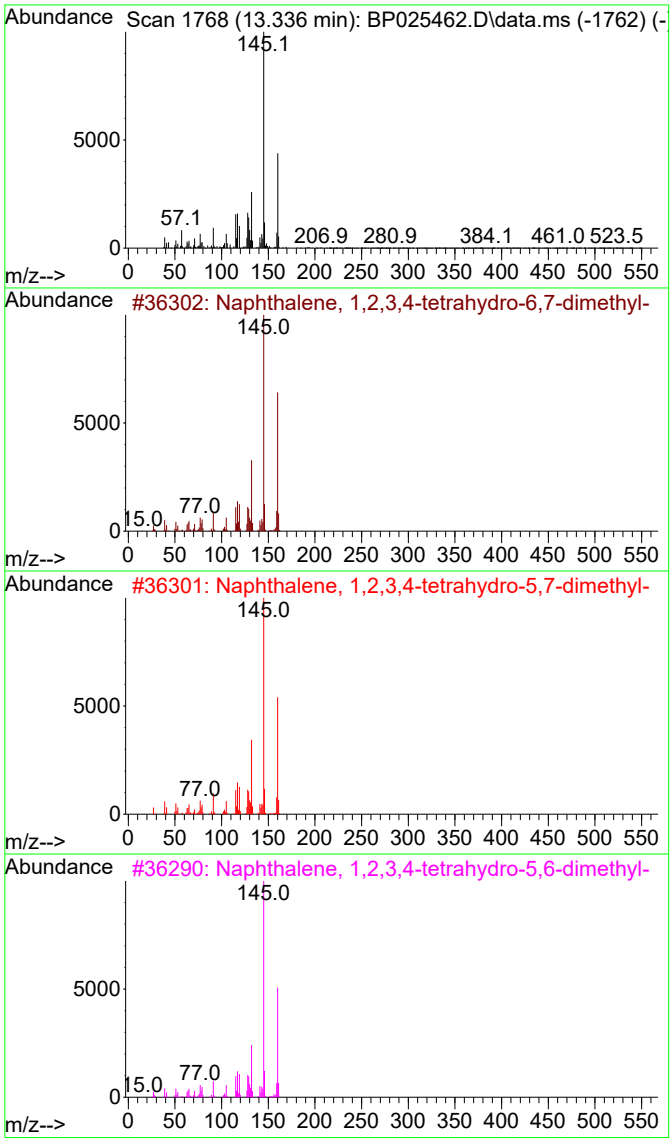
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

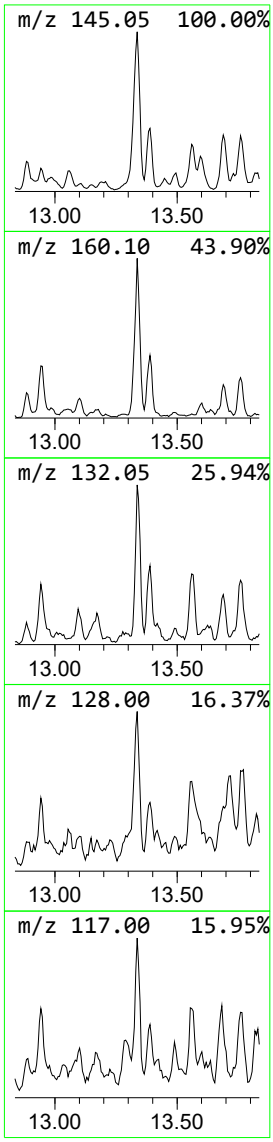
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	5.99 ng	686175	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93





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Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-081325

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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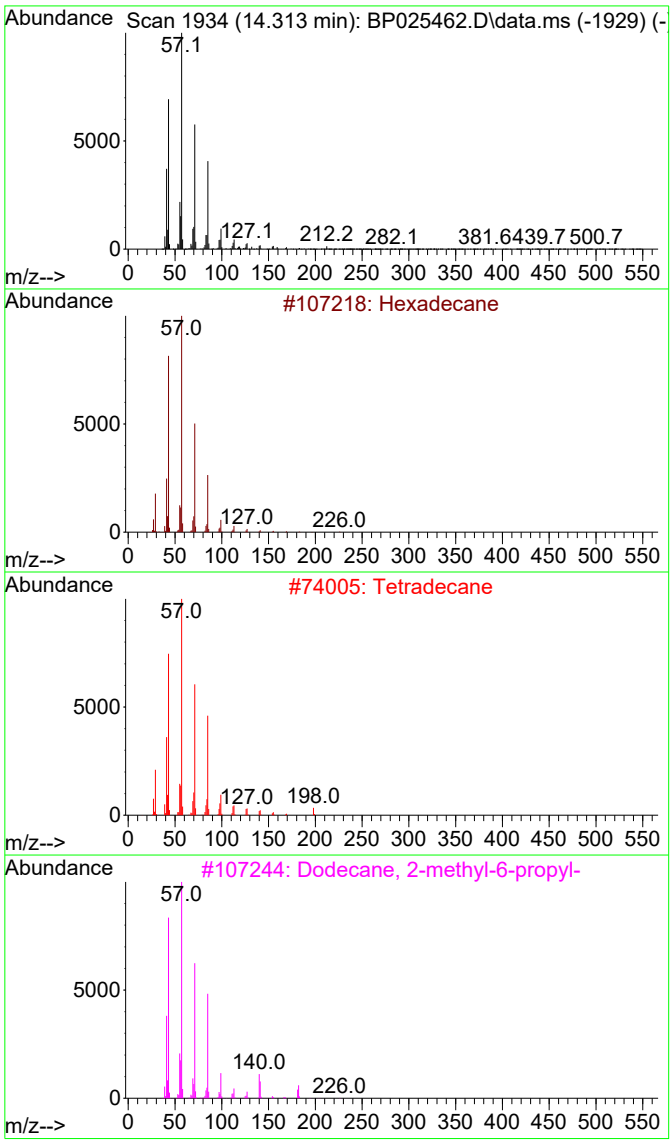
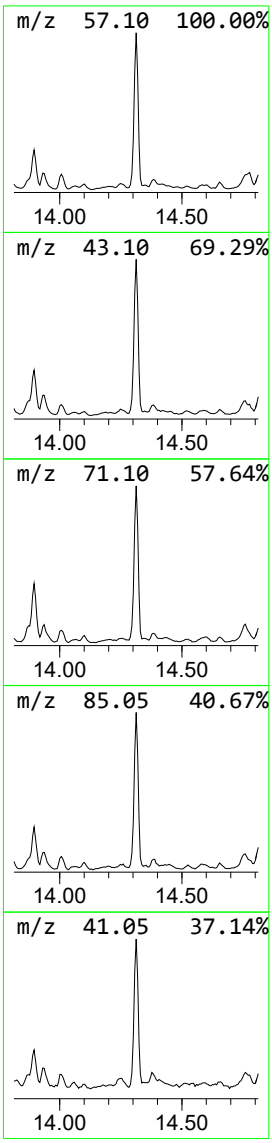
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.313	19.22 ng	2200840	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-081325

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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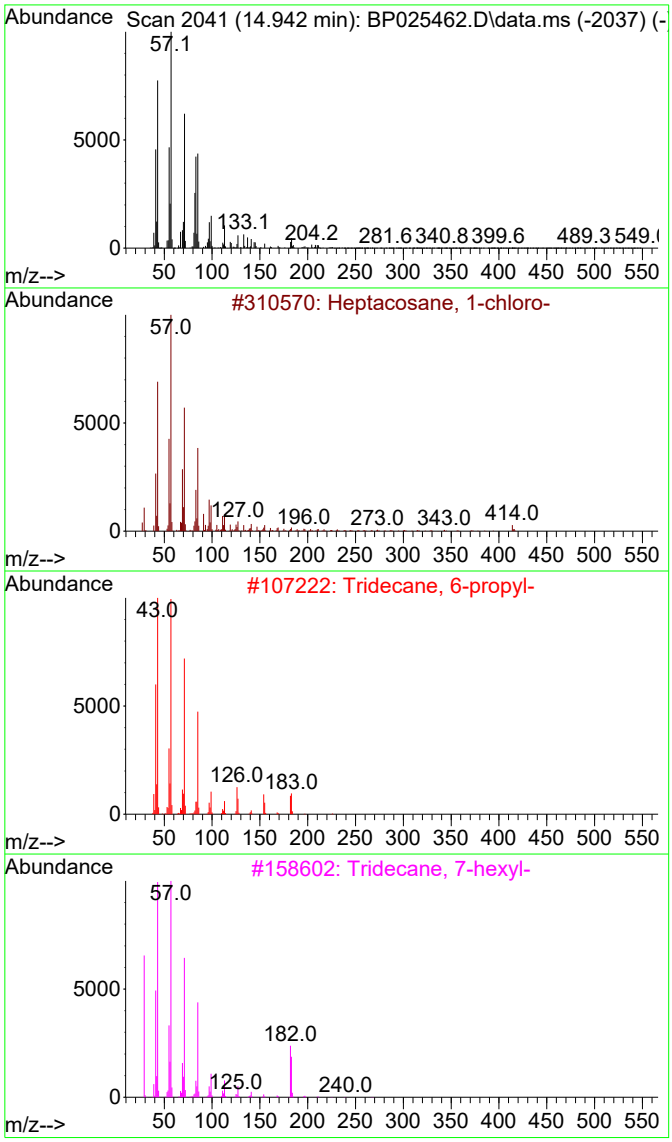
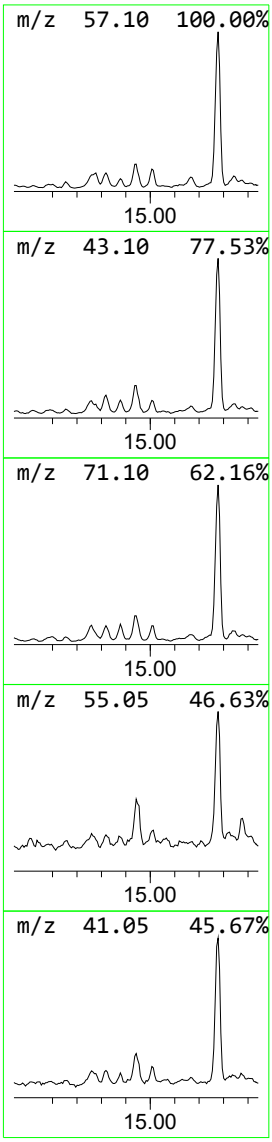
Peak Number 8 Heptacosane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.942	6.35 ng	726706	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	70
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	62
5	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	62





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-081325

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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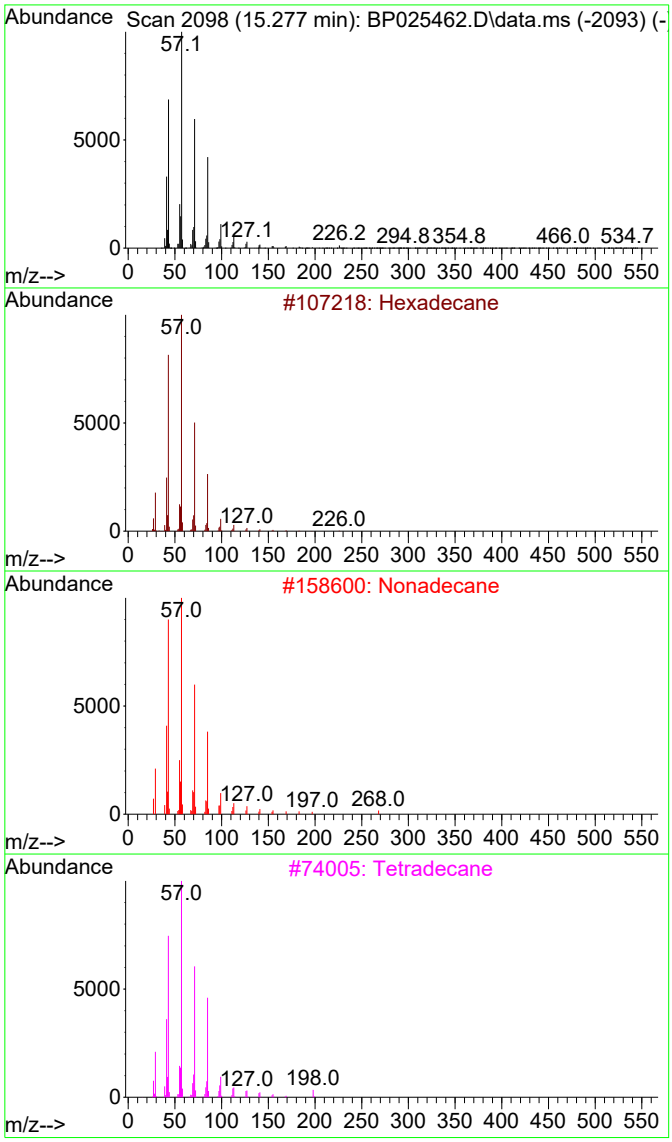
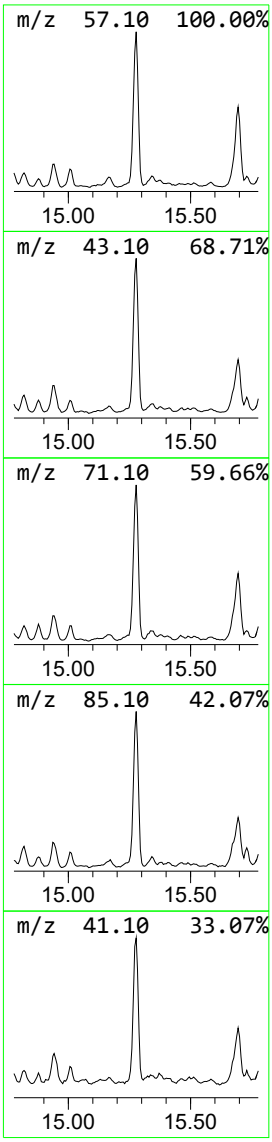
Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.277	22.50 ng	2576560	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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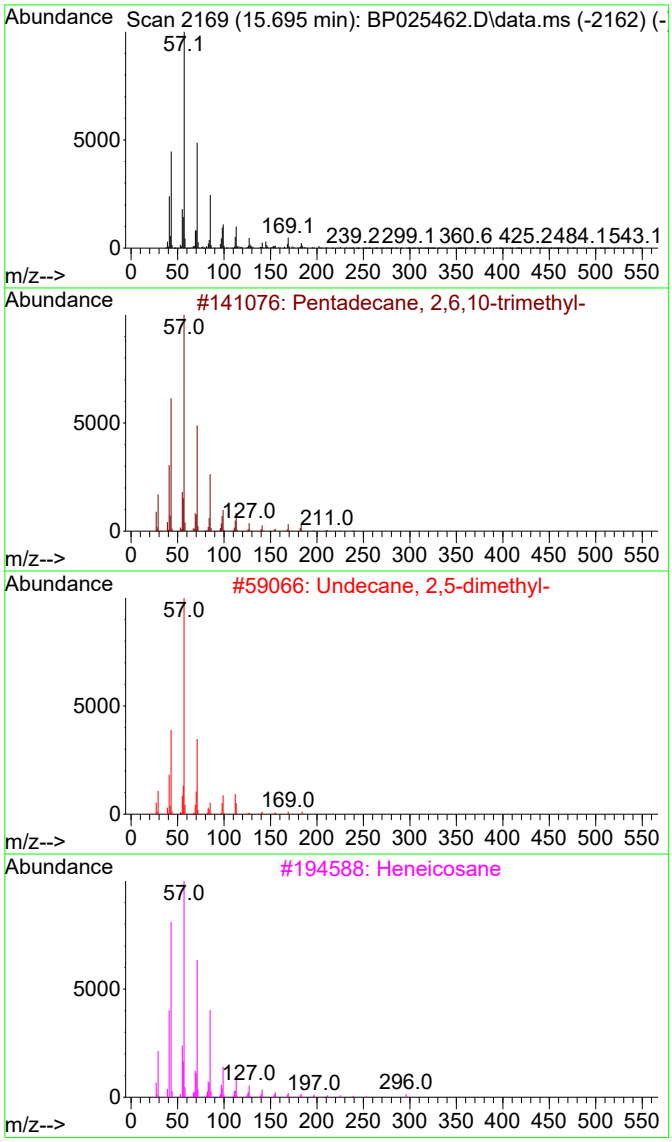
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

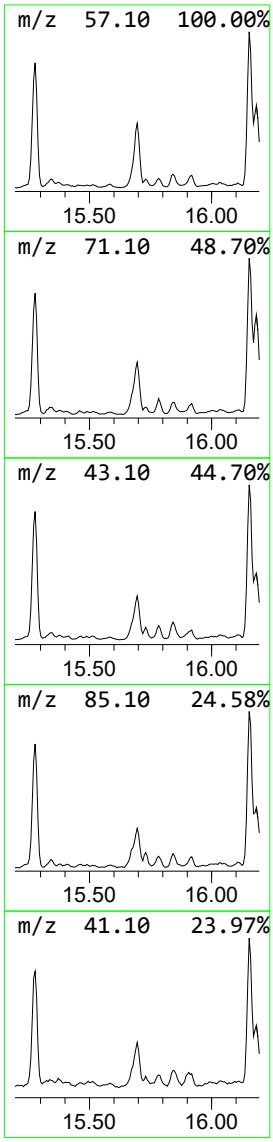
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	12.95 ng	1482160	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Heneicosane	296	C21H44	000629-94-7	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59





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Misc :
ALS Vial : 9 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

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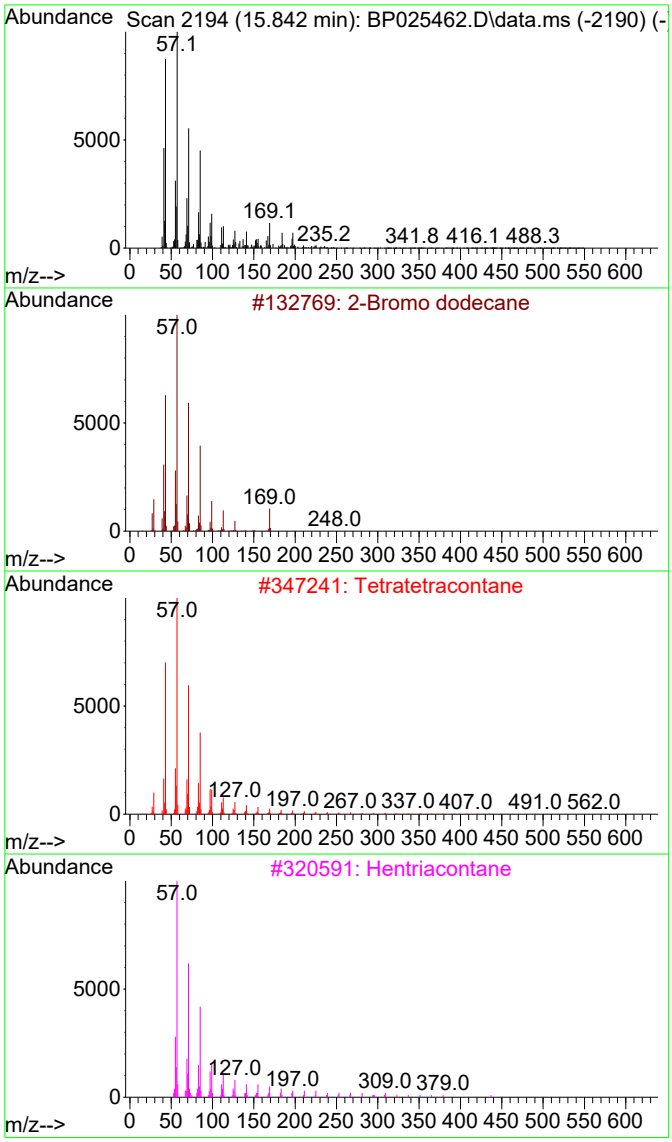
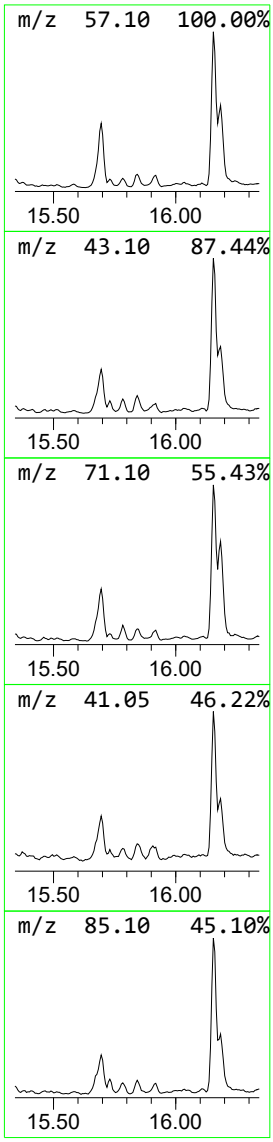
Peak Number 11 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	6.16 ng	559304	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-081325

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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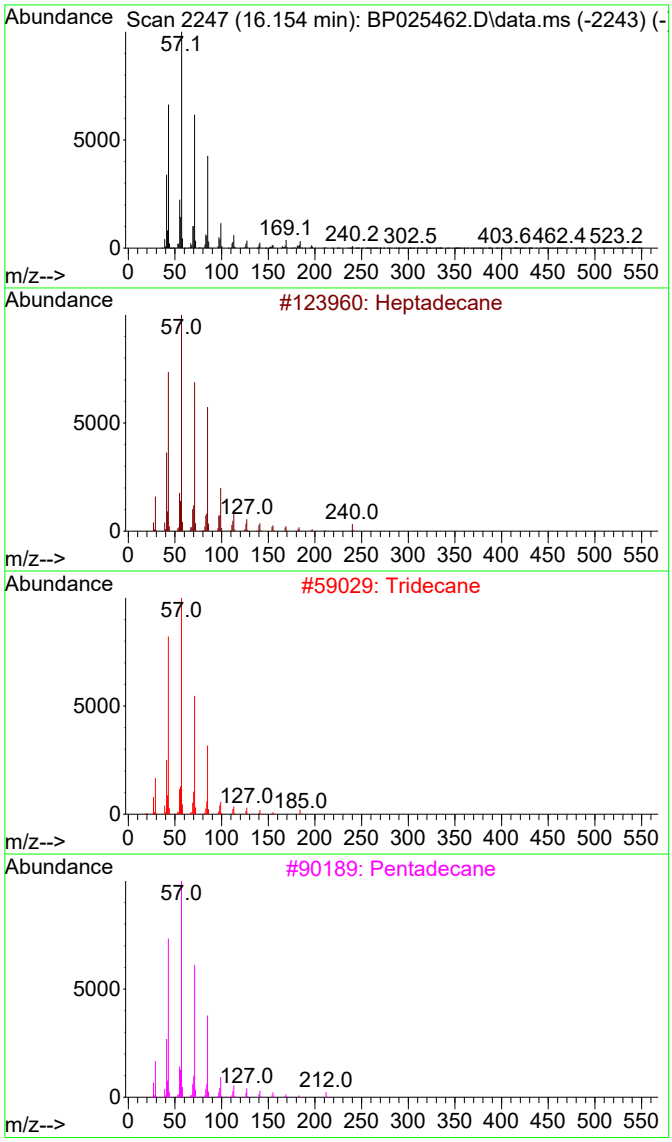
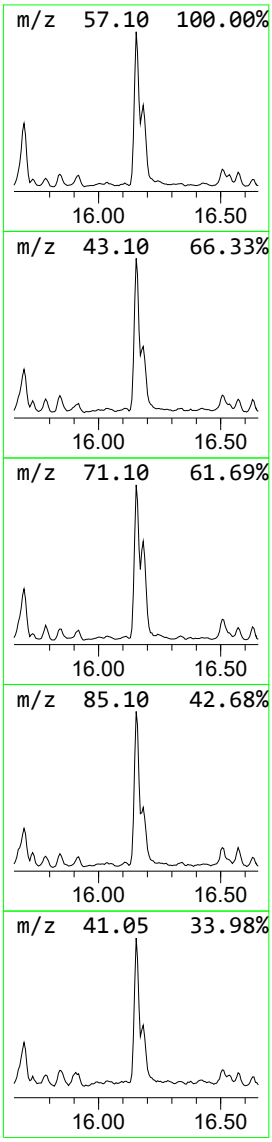
Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.154	37.26 ng	3384860	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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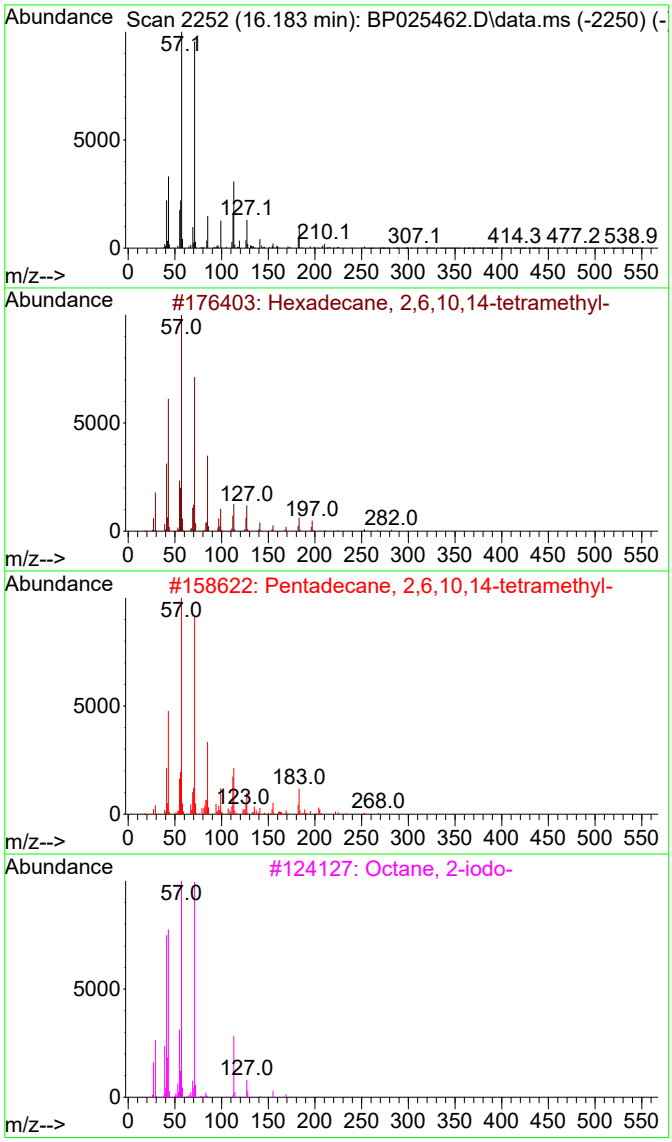
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

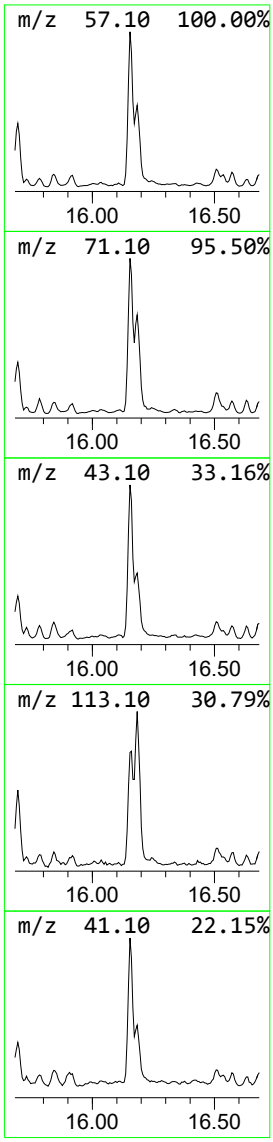
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.183	16.18 ng	1469730	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Octane, 2-iodo-	240	C8H17I	000557-36-8	53
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50





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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

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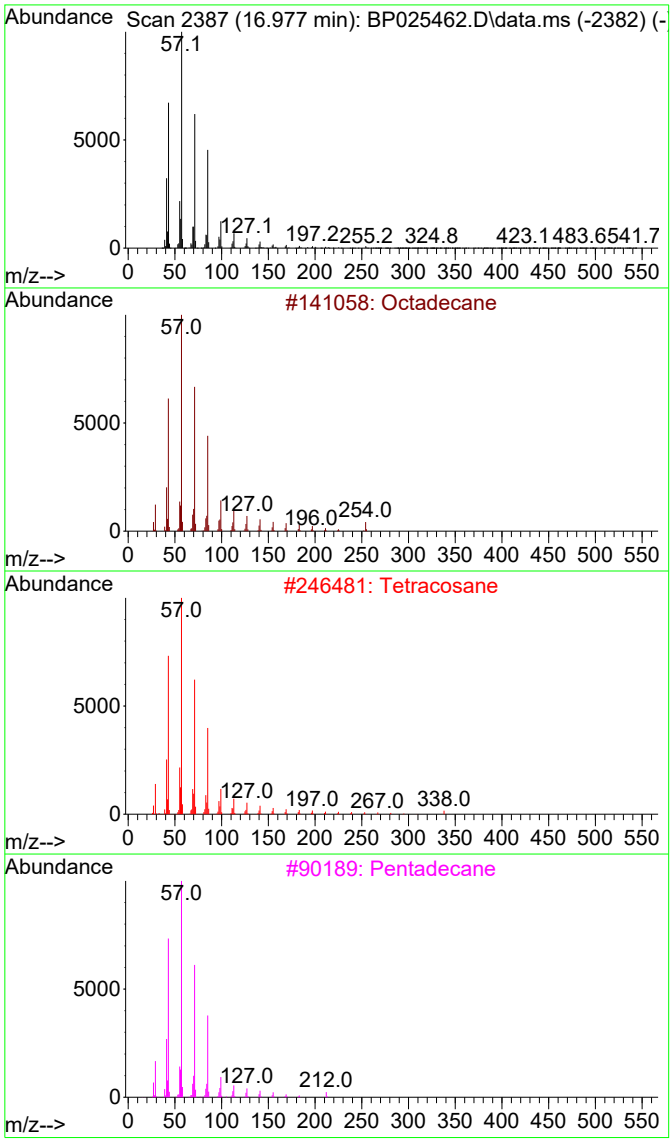
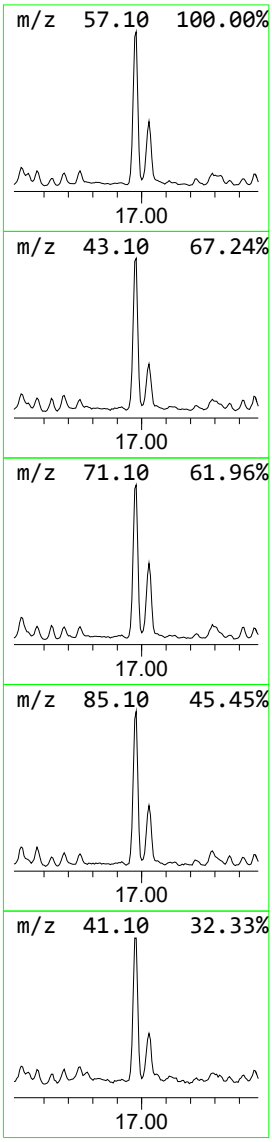
Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.977	32.45 ng	2947810	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	Pentadecane	212	C15H32	000629-62-9	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Sample : Q2853-01 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

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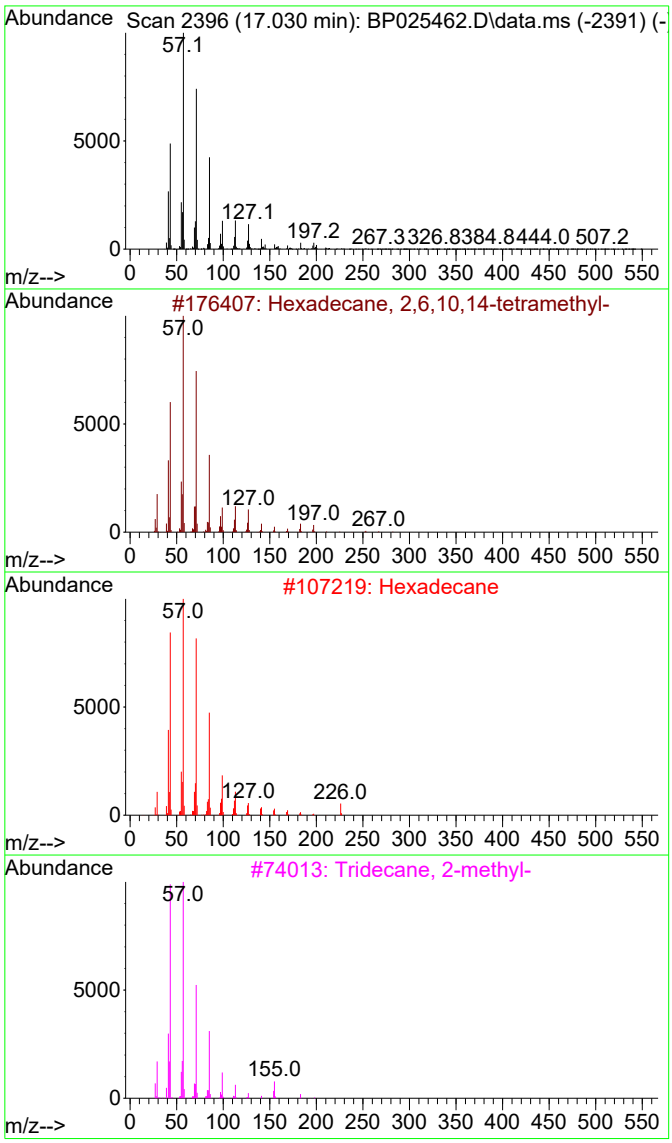
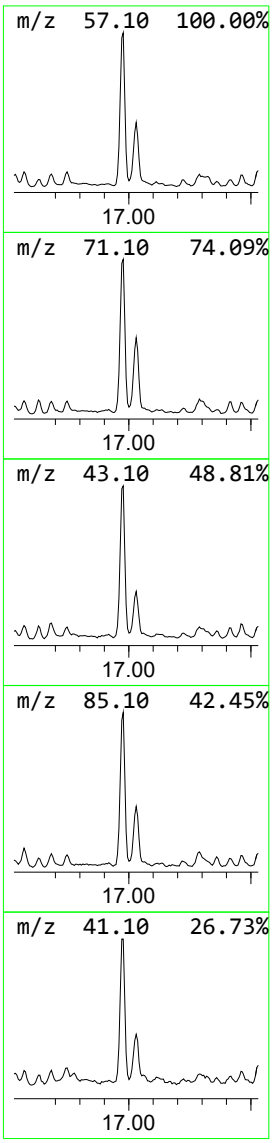
Peak Number 15 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.030	17.14 ng	1556650	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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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

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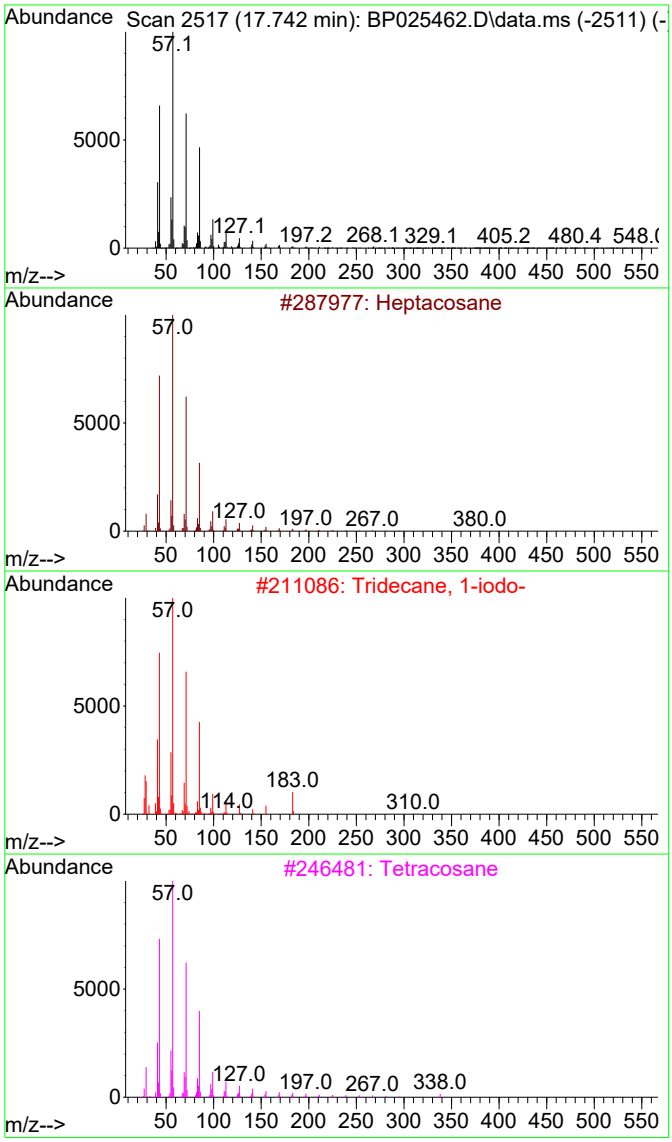
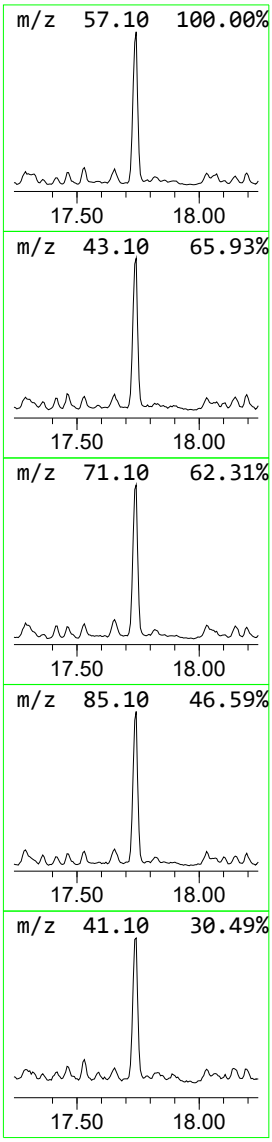
Peak Number 16 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.742	32.82 ng	2981540	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 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

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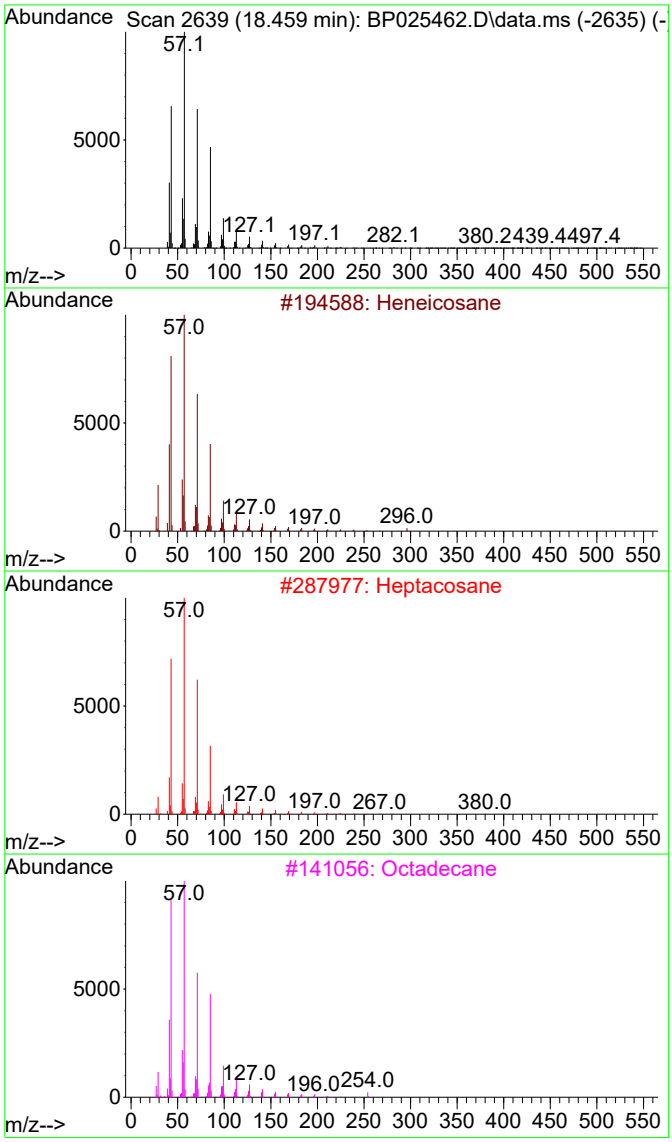
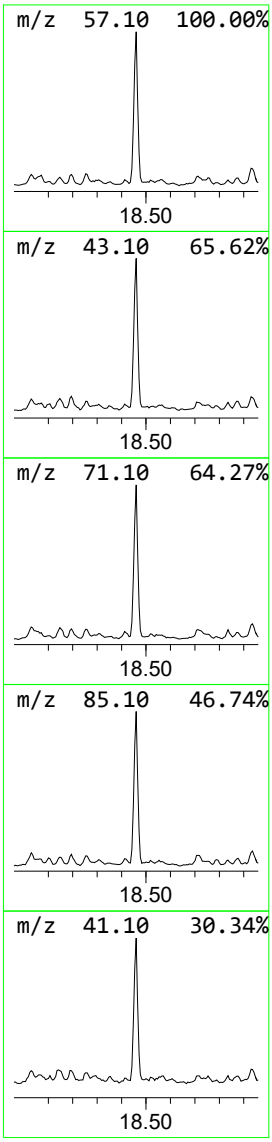
Peak Number 17 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.459	27.31 ng	2481060	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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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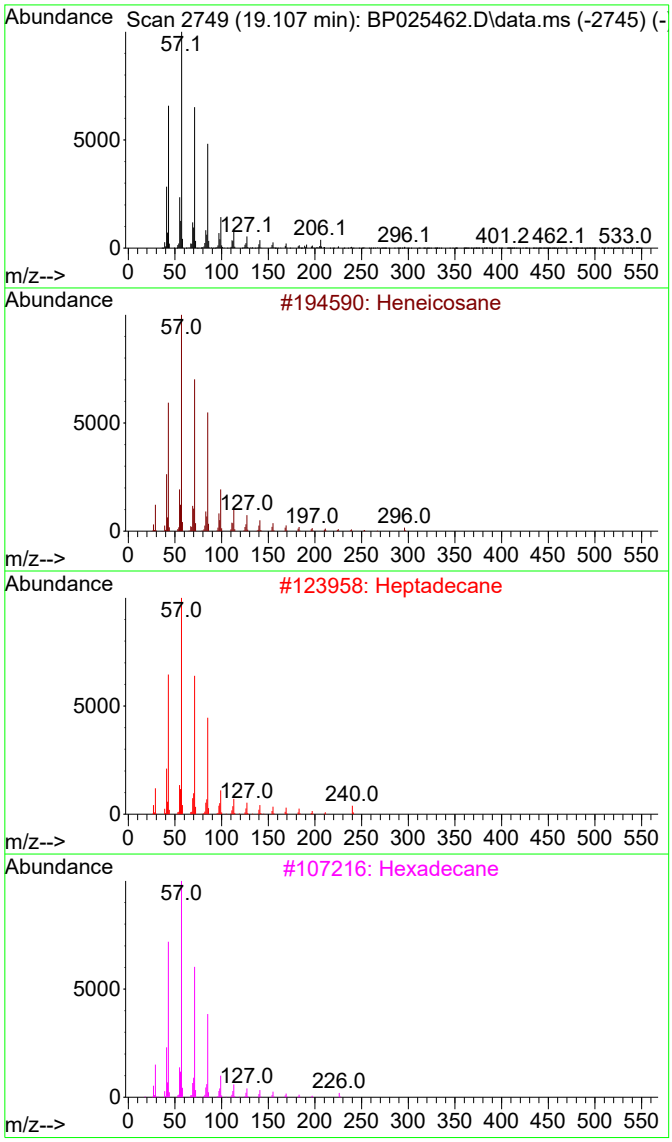
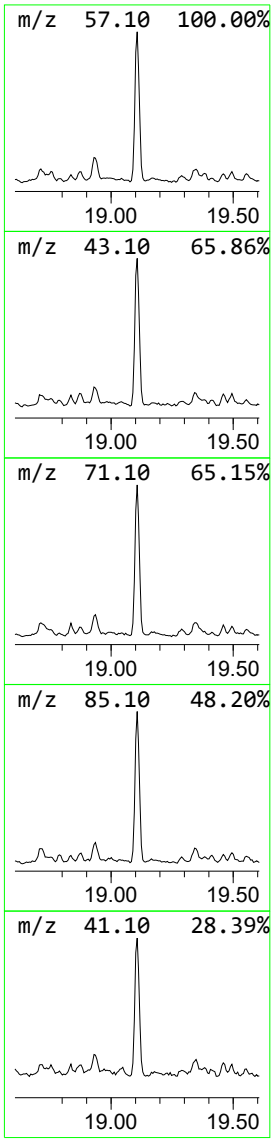
Peak Number 18 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.107	22.08 ng	2005960	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Nonadecane	268	C19H40	000629-92-5	87





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Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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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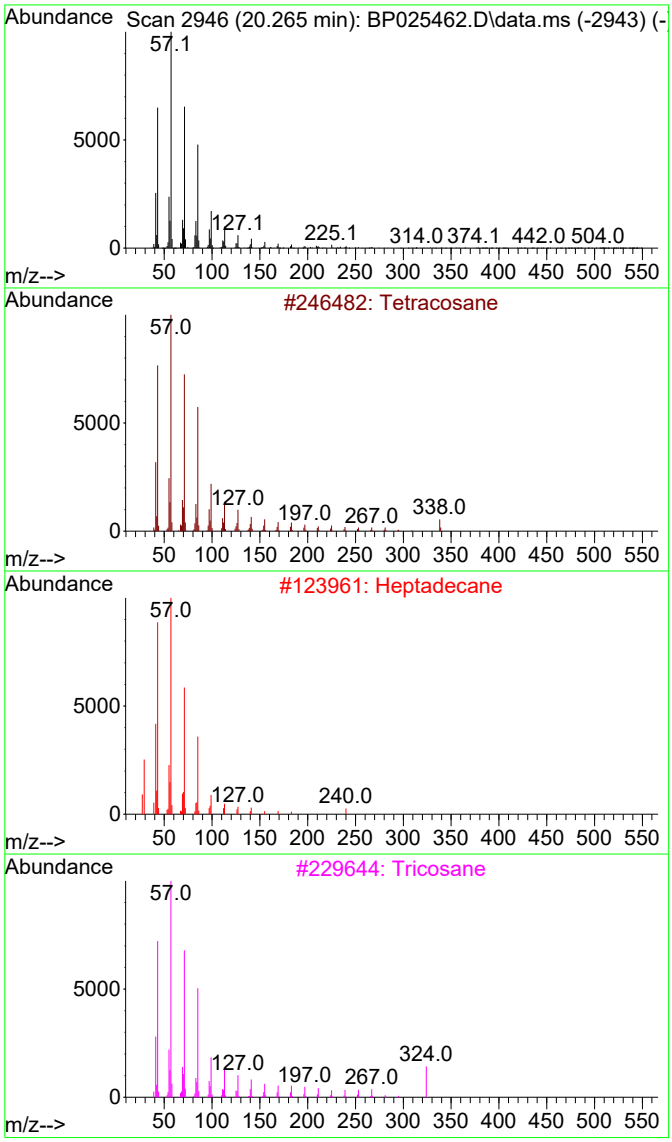
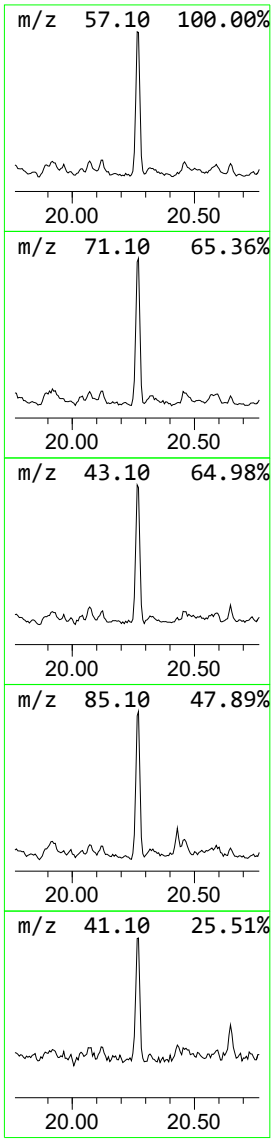
Peak Number 19 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.265	8.49 ng	963995	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Tricosane	324	C23H48	000638-67-5	95
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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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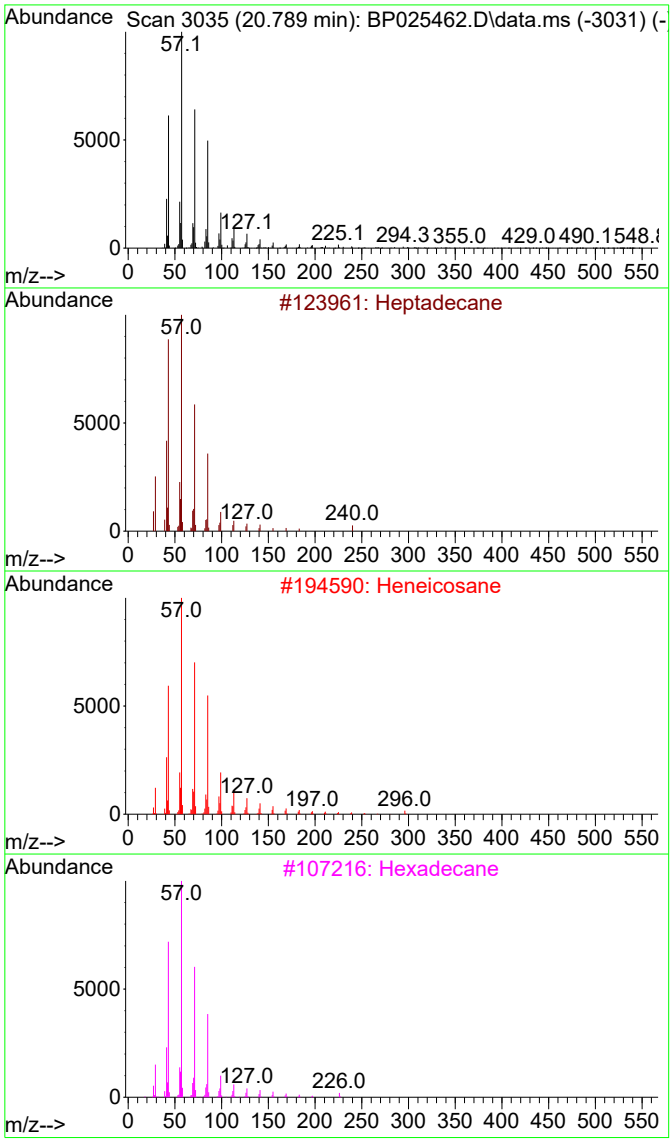
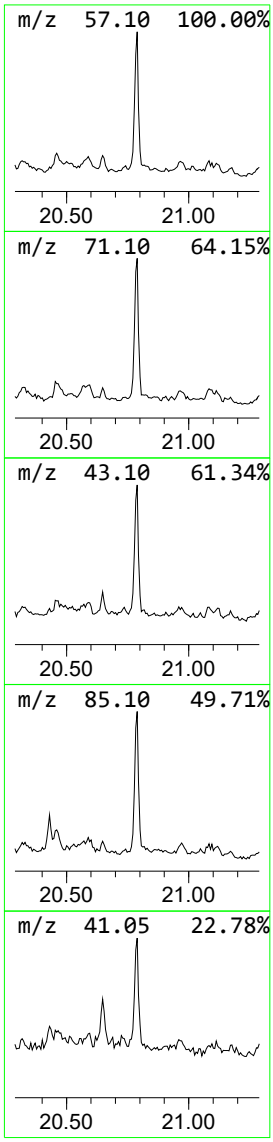
Peak Number 20 11-Methyltricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.789	6.13 ng	695761	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	11-Methyltricosane	338	C24H50	027538-41-6	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-081325

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	6.1	ng	304593	1	7.784	993965	20.0
Tridecane	11.983	7.5	ng	668956	2	10.554	1781360	20.0
Naphthalene, 1,...	12.466	8.2	ng	730665	2	10.554	1781360	20.0
Naphthalene, 5-...	12.942	6.0	ng	689364	3	14.395	2289790	20.0
Tetradecane	13.230	12.8	ng	1466510	3	14.395	2289790	20.0
Naphthalene, 1,...	13.336	6.0	ng	686175	3	14.395	2289790	20.0
Hexadecane	14.313	19.2	ng	2200840	3	14.395	2289790	20.0
Heptacosane, 1-...	14.942	6.3	ng	726706	3	14.395	2289790	20.0
Nonadecane	15.277	22.5	ng	2576560	3	14.395	2289790	20.0
Pentadecane, 2,...	15.695	12.9	ng	1482160	3	14.395	2289790	20.0
2-Bromo dodecane	15.842	6.2	ng	559304	4	17.195	1816850	20.0
Heptadecane	16.154	37.3	ng	3384860	4	17.195	1816850	20.0
Hexadecane, 2,6...	16.183	16.2	ng	1469730	4	17.195	1816850	20.0
Octadecane	16.977	32.5	ng	2947810	4	17.195	1816850	20.0
Tridecane, 2-me...	17.030	17.1	ng	1556650	4	17.195	1816850	20.0
Heptacosane	17.742	32.8	ng	2981540	4	17.195	1816850	20.0
Heneicosane	18.459	27.3	ng	2481060	4	17.195	1816850	20.0
Triacontane	19.107	22.1	ng	2005960	4	17.195	1816850	20.0
Tetracosane	20.265	8.5	ng	963995	5	21.630	2271700	20.0
11-Methyltricosane	20.789	6.1	ng	695761	5	21.630	2271700	20.0