LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

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_M\Methods\8270-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049811.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	319	326	336	rBV	519175	719806	7.82%	0.532%
2	5.369	398	405	413	rBV	2250032	3150527	34.22%	2.326%
3	6.957	667	675	681	rVV	2179559	3373228	36.63%	2.491%
4	7.422	748	754	762	rBV3	191648	386837	4.20%	0.286%
5	7.787	808	816	822	rBV	1442710	2220807	24.12%	1.640%
6	8.334	903	909	915	rBV3	126909	248608	2.70%	0.184%
7	8.428	921	925	929	rBV	165240	255178	2.77%	0.188%
8	8.898	995	1005	1007	rBV2	196791	374933	4.07%	0.277%
9	8.939	1007	1012	1020	rVV	1246783	2072845	22.51%	1.531%
10	9.022	1022	1026	1032	rVB	399091	553677	6.01%	0.409%
11	9.475	1099	1103	1106	rVV	143059	238482	2.59%	0.176%
12	9.775	1149	1154	1161	rVV5	140722	371844	4.04%	0.275%
13	9.939	1175	1182	1186	rVV2	167568	280394	3.05%	0.207%
14	9.986	1186	1190	1193	rVV2	201604	347626	3.78%	0.257%
15	10.022	1193	1196	1199	rVV3	154247	260699	2.83%	0.193%
16	10.128	1209	1214	1218	rVV2	118788	239333	2.60%	0.177%
17	10.575	1281	1290	1297	rVV2	1994288	4113911	44.68%	3.038%
18	10.633	1297	1300	1308	rVV5	172259	458351	4.98%	0.338%
19	10.704	1308	1312	1317	rVV4	144727	310785	3.38%	0.229%
20	10.757	1317	1321	1325	rVV	244233	379270	4.12%	0.280%
21	10.810	1325	1330	1339	rVV6	101878	276626	3.00%	0.204%
22	10.998	1353	1362	1367	rBV7	98880	229044	2.49%	0.169%
23	11.292	1408	1412	1419	rVV5	173629	390909	4.25%	0.289%
24	11.428	1430	1435	1441	rBV5	178090	307516	3.34%	0.227%
25	11.504	1442	1448	1455	rBV3	216823	460542	5.00%	0.340%
26	11.616	1462	1467	1477	rBV3	326921	759604	8.25%	0.561%
27	11.775	1489	1494	1503	rVB5	237054	437805	4.75%	0.323%
28	12.016	1530	1535	1545	rBV	796900	1252566	13.60%	0.925%
29	12.245	1566	1574	1581	rVB4	260674	622923	6.77%	0.460%
30	12.463	1606	1611	1614	rBV3	161791	279184	3.03%	0.206%
31	12.498	1614	1617	1622	rVB2	271820	414836	4.51%	0.306%
32	12.698	1647	1651	1658	rBV4	117154	237543	2.58%	0.175%
33	12.922	1684	1689	1694	rBV4	202686	358282	3.89%	0.265%
34	12.975	1694	1698	1703	rVV2	449404	636204	6.91%	0.470%
35	13.051	1704	1711	1720	rVB	3099365	4571925	49.65%	3.376%
36	13.263	1742	1747	1754	rVB	1073209	1558356	16.92%	1.151%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

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_M\Methods\8270-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.369	1760	1765	1771	rBV3	196999	410879	4.46%	0.303%
38	13.586	1798	1802	1805	rBV4	152531	265302	2.88%	0.196%
39	13.751	1826	1830	1833	rVV2	189506	319026	3.46%	0.236%
40	13.798	1834	1838	1842	rVB3	218555	363827	3.95%	0.269%
41	13.921	1856	1859	1863	rVV2	397600	553324	6.01%	0.409%
42	13.963	1863	1866	1872	rVB2	186273	281245	3.05%	0.208%
43	14.151	1892	1898	1904	rBV	405748	783981	8.51%	0.579%
44	14.274	1916	1919	1924	rVB4	145034	244391	2.65%	0.180%
45	14.339	1925	1930	1935	rVV	1316519	1657314	18.00%	1.224%
46	14.427	1938	1945	1951	rVV	2571732	3975209	43.17%	2.935%
47	14.492	1952	1956	1962	rVB	215154	369824	4.02%	0.273%
48	14.833	2011	2014	2020	rVB2	287081	491714	5.34%	0.363%
49	14.898	2021	2025	2029	rBV2	184121	265261	2.88%	0.196%
50	14.957	2032	2035	2043	rVB5	320364	547494	5.95%	0.404%
51	15.027	2043	2047	2049	rBV2	170337	238573	2.59%	0.176%
52	15.292	2087	2092	2096	rVB	1297023	1608730	17.47%	1.188%
53	15.474	2118	2123	2127	rBV	522723	736934	8.00%	0.544%
54	15.698	2154	2161	2166	rBV	531860	933229	10.13%	0.689%
55	15.786	2171	2176	2183	rVB3	581685	933963	10.14%	0.690%
56	15.845	2183	2186	2191	rBV3	157220	253377	2.75%	0.187%
57	15.915	2192	2198	2206	rVB	2611861	3721050	40.41%	2.748%
58	16.151	2233	2238	2241	rBV	1522073	2085053	22.64%	1.540%
59	16.174	2241	2242	2252	rVB	750223	782237	8.50%	0.578%
60	16.939	2368	2372	2376	rBV	1162749	1388757	15.08%	1.025%
61	16.992	2377	2381	2391	rVB2	705945	1202406	13.06%	0.888%
62	17.168	2406	2411	2415	rBV	2937534	4137527	44.93%	3.055%
63	17.210	2415	2418	2425	rVV	3122281	4190310	45.51%	3.094%
64	17.304	2429	2434	2439	rVB	908775	1346894	14.63%	0.995%
65	17.680	2494	2498	2503	rVB	1089312	1306812	14.19%	0.965%
66	17.851	2523	2527	2530	rVB	486697	571130	6.20%	0.422%
67	18.045	2555	2560	2562	rBV	583820	827777	8.99%	0.611%
68	18.092	2562	2568	2577	rVV2	898980	1944030	21.11%	1.435%
69	18.174	2578	2582	2587	rVV2	325053	538213	5.85%	0.397%
70	18.239	2587	2593	2597	rVV2	944554	1862907	20.23%	1.376%
71	18.274	2597	2599	2604	rVB	487603	596783	6.48%	0.441%
72	18.368	2611	2615	2622	rBV	905706	1134883	12.32%	0.838%
73	18.545	2642	2645	2648	rVB	297152	326137	3.54%	0.241%
74	18.839	2692	2695	2699	rBV2	250883	325032	3.53%	0.240%
75	18.962	2712	2716	2718	rBV	519092	755162	8.20%	0.558%
76	18.992	2718	2721	2723	rVV2	1116000	1611879	17.51%	1.190%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

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_M\Methods\8270-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.021	2723	2726	2730	rVB2	2278035	2855991	31.02%	2.109%
78	19.104	2736	2740	2746	rBV2	238817	490252	5.32%	0.362%
79	19.156	2746	2749	2754	rVB	401856	484152	5.26%	0.358%
80	19.227	2755	2761	2769	rBV	5509274	7206224	78.26%	5.321%
81	19.468	2799	2802	2805	rBV	223112	257494	2.80%	0.190%
82	19.556	2813	2817	2818	rBV	650323	702685	7.63%	0.519%
83	19.586	2818	2822	2831	rVV	5298472	7400174	80.37%	5.464%
84	19.668	2832	2836	2841	rVB3	288744	478357	5.20%	0.353%
85	19.792	2849	2857	2861	rBV	5408234	6493805	70.52%	4.795%
86	19.915	2873	2878	2885	rBV3	403465	972830	10.57%	0.718%
87	20.051	2898	2901	2902	rBV2	228807	249374	2.71%	0.184%
88	20.086	2903	2907	2910	rVV	846642	1019472	11.07%	0.753%
89	20.115	2910	2912	2916	rVB	414341	392803	4.27%	0.290%
90	20.186	2920	2924	2928	rVB	711345	837651	9.10%	0.619%
91	20.245	2930	2934	2937	rVV2	541677	711530	7.73%	0.525%
92	20.380	2954	2957	2961	rBV	437282	532227	5.78%	0.393%
93	20.427	2962	2965	2969	rVB	464783	582215	6.32%	0.430%
94	21.050	3068	3071	3074	rBV	335359	378761	4.11%	0.280%
95	21.092	3075	3078	3083	rVV3	700872	934787	10.15%	0.690%
96	21.403	3124	3131	3135	rBV3	4137703	9208026	100.00%	6.799%
97	21.450	3135	3139	3150	rVB	2163774	3538549	38.43%	2.613%
98	23.462	3475	3481	3488	rBV	1468425	4327392	47.00%	3.195%
99	24.262	3612	3617	3626	rVB	1328658	2814532	30.57%	2.078%
100	24.409	3637	3642	3649	rBV2	1698022	3517333	38.20%	2.597%

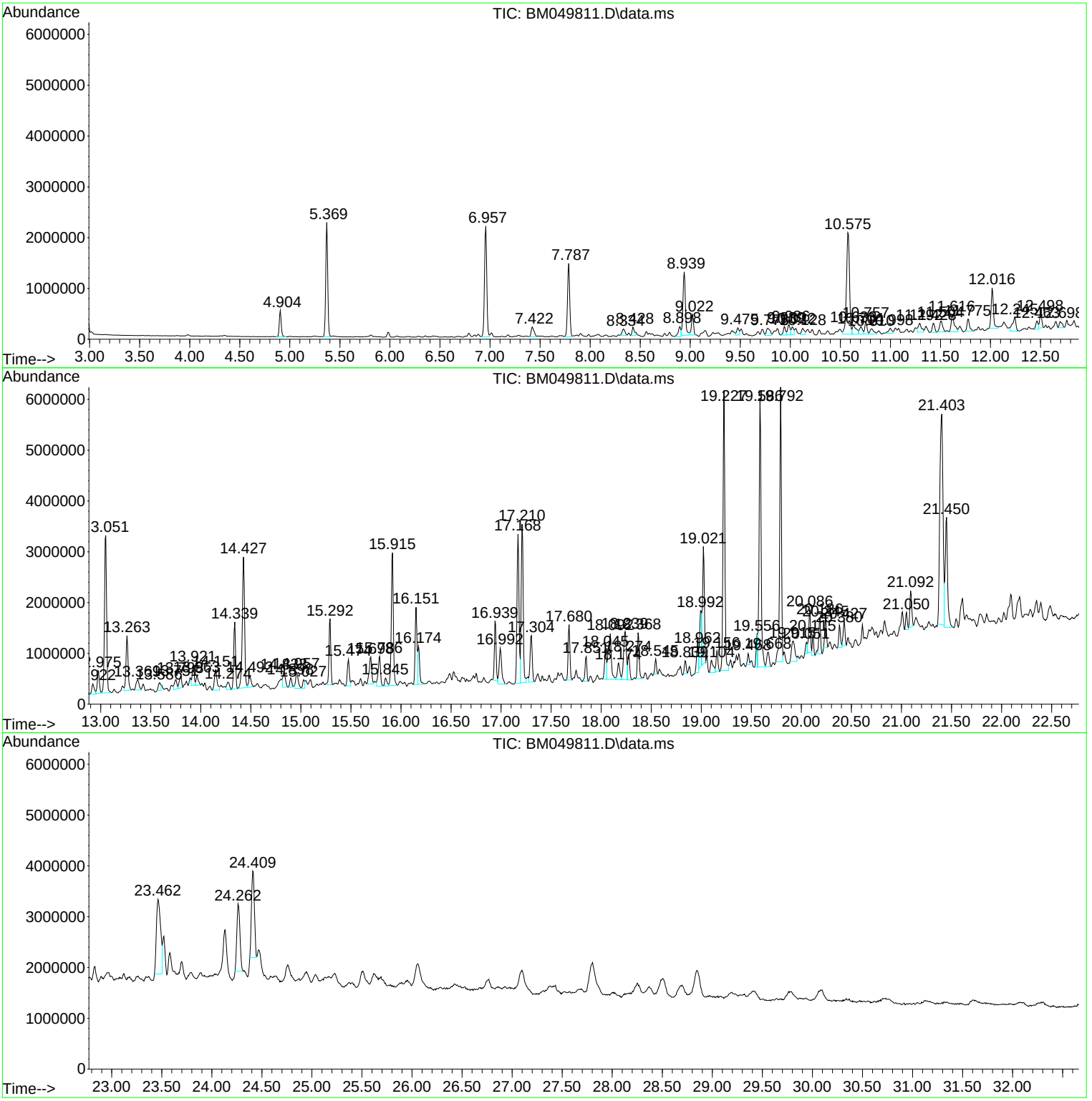
Sum of corrected areas: 135426198

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

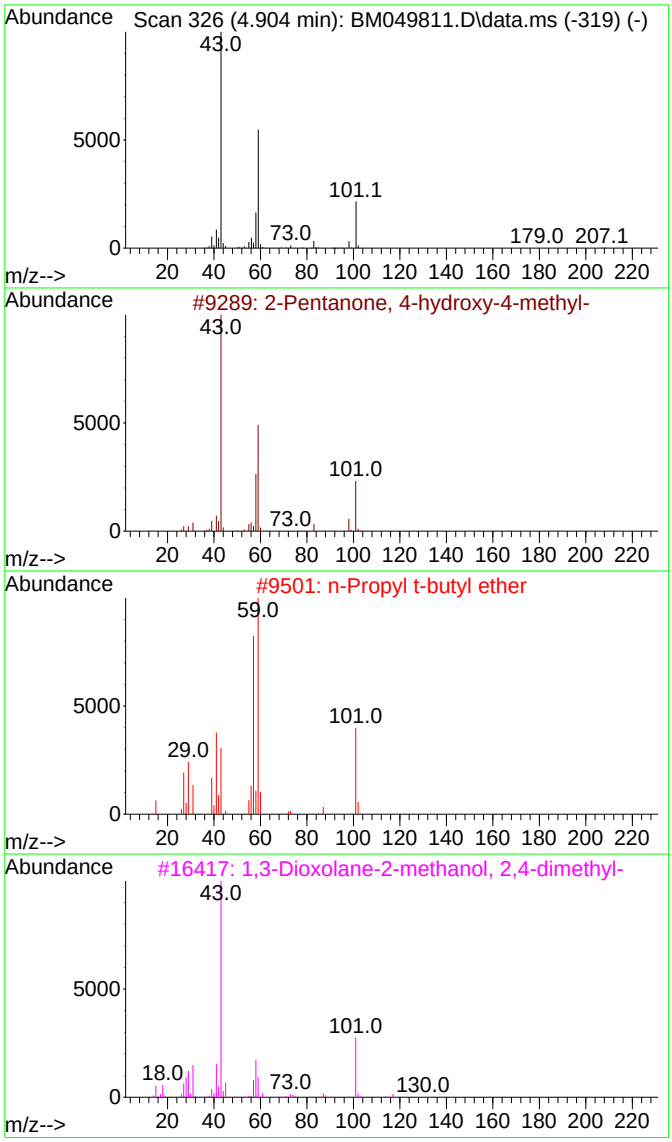
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

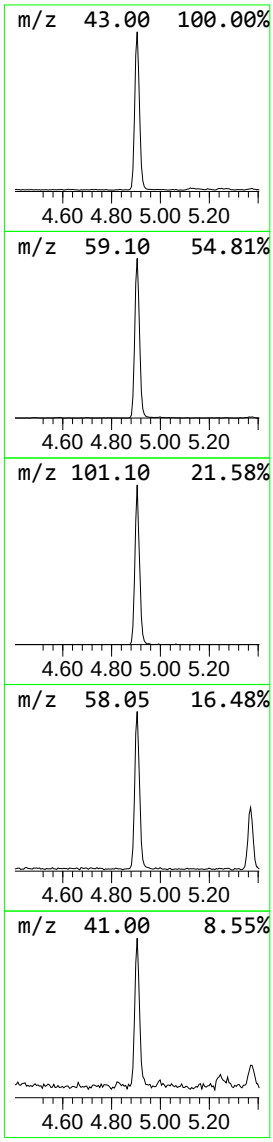
****

Peak Number 1 unknown4.904 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	6.48 ng	719806	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

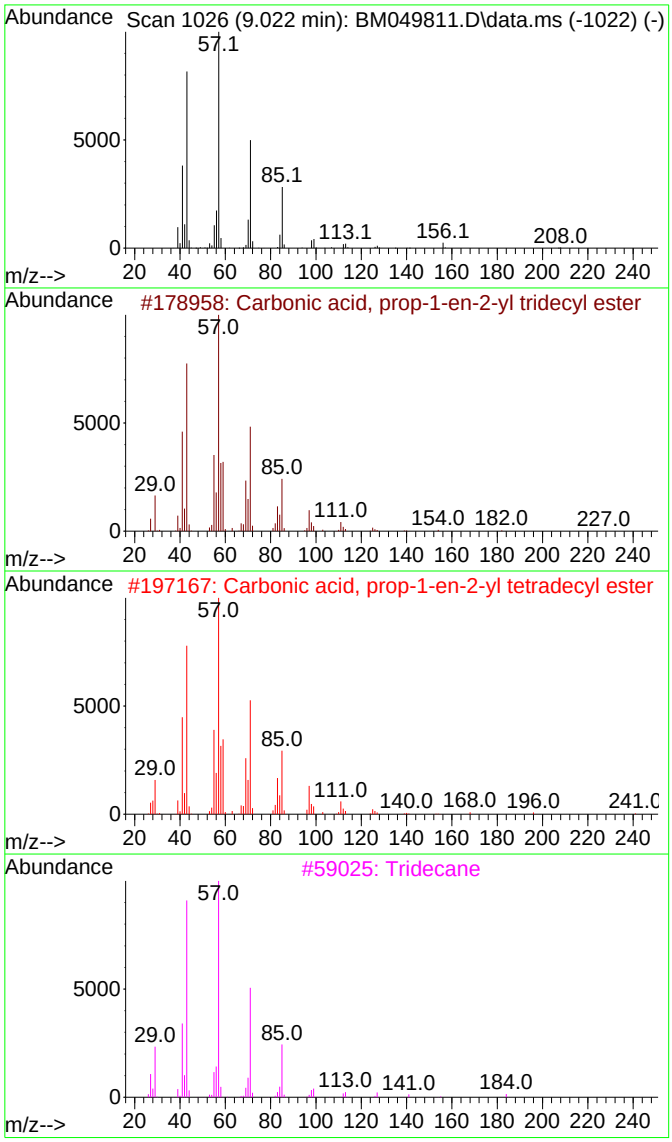
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

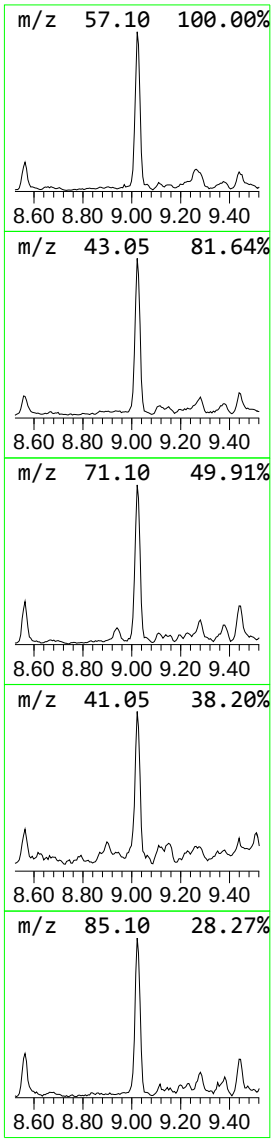
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	4.99 ng	553677	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

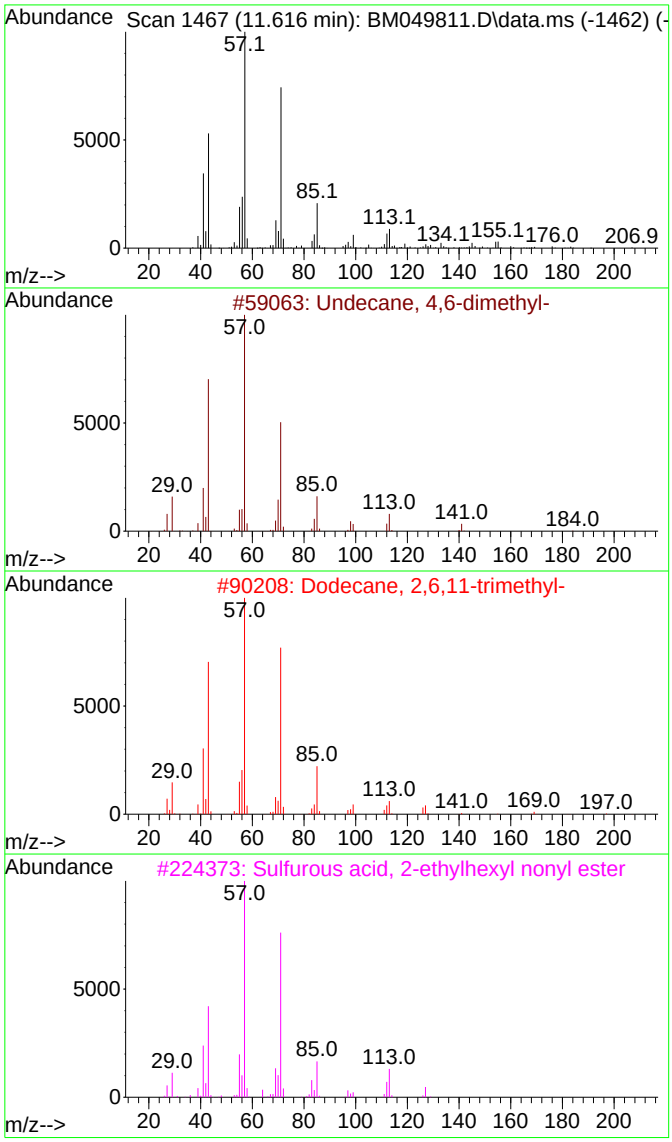
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

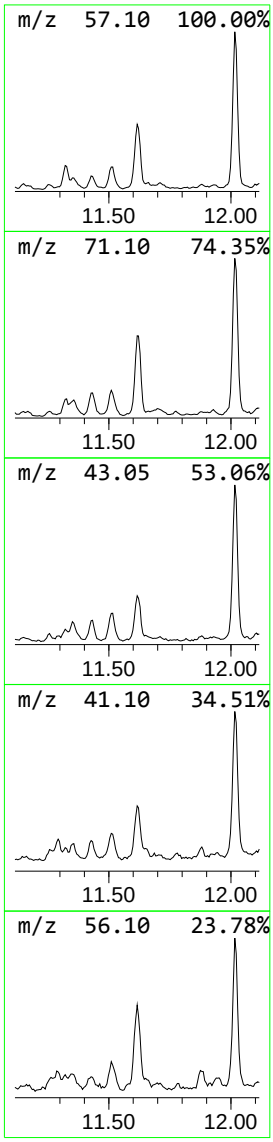
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Undecane, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	3.69 ng	759604	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	78
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

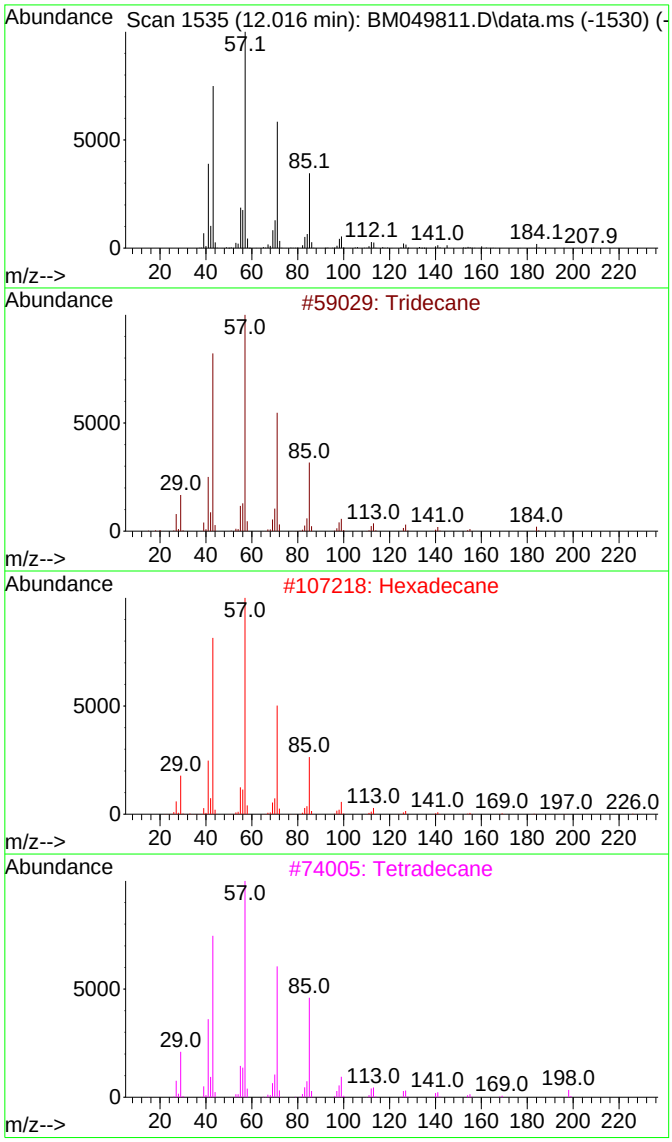
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

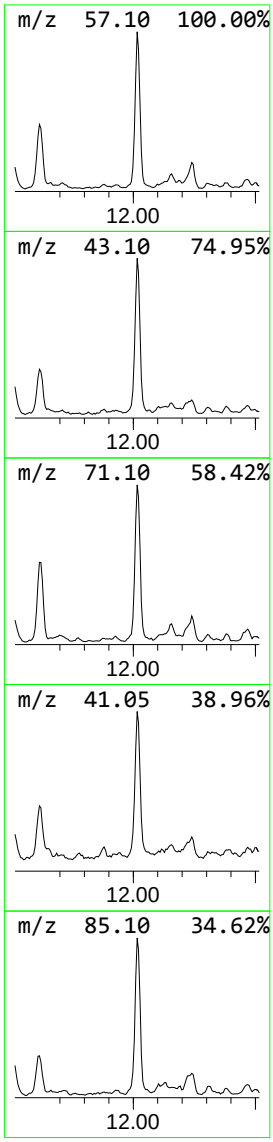
****

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	6.09 ng	1252570	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

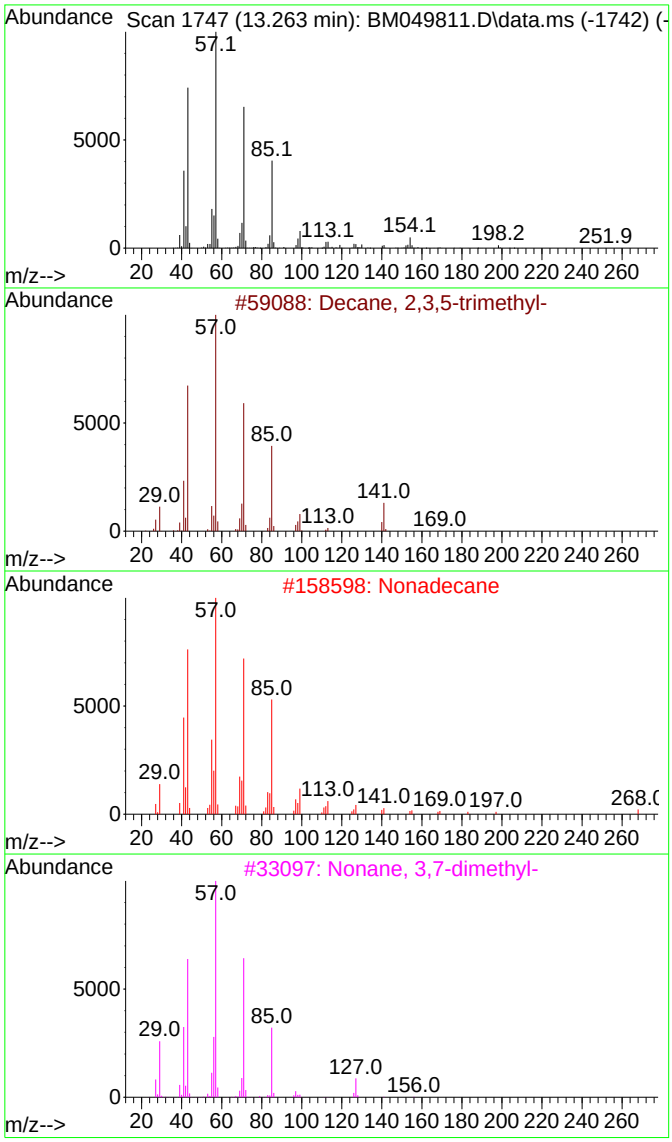
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

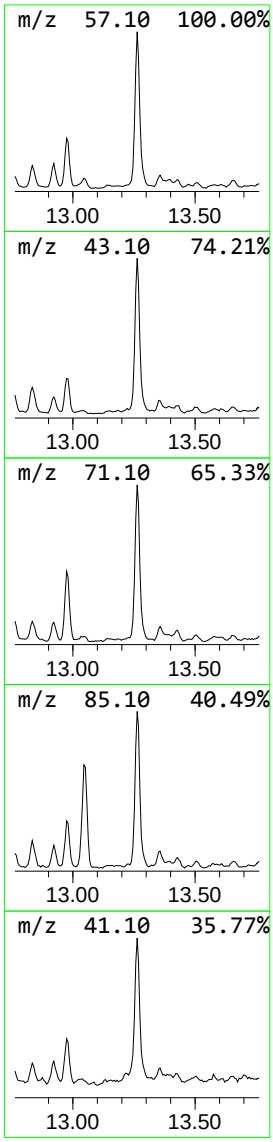
****

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	7.84 ng	1558360	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Octacosane	394	C28H58	000630-02-4	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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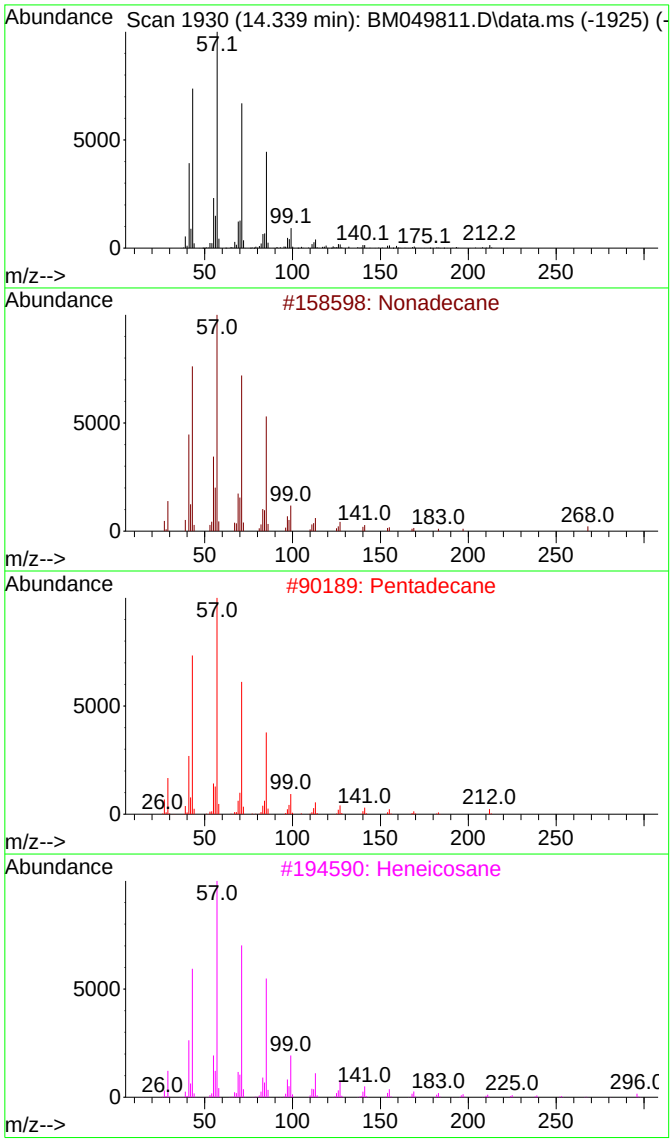
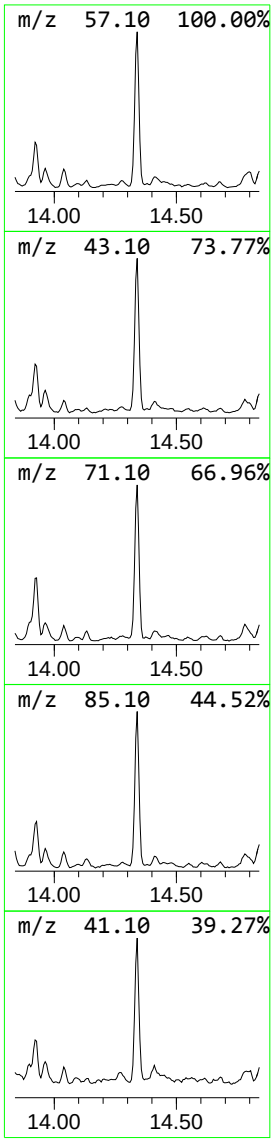
Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	8.34 ng	1657310	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	9-methylheptadecane	254	C18H38	026741-18-4	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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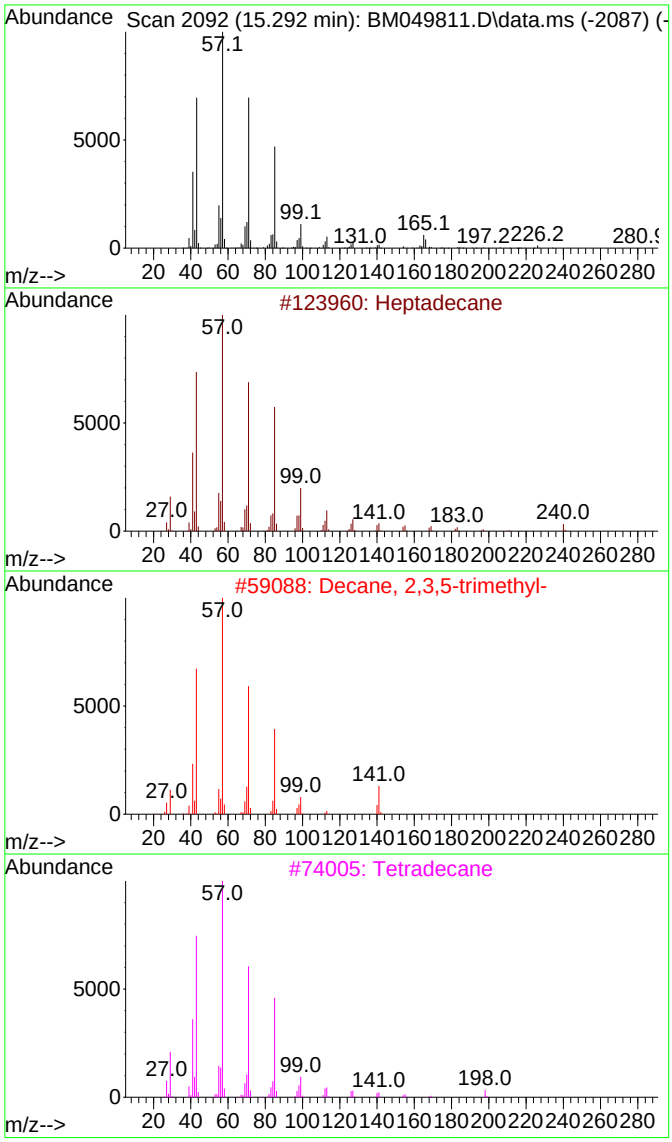
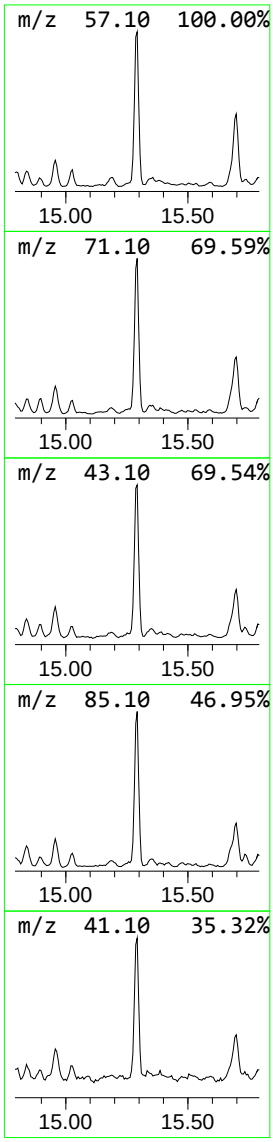
Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	8.09 ng	1608730	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72





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Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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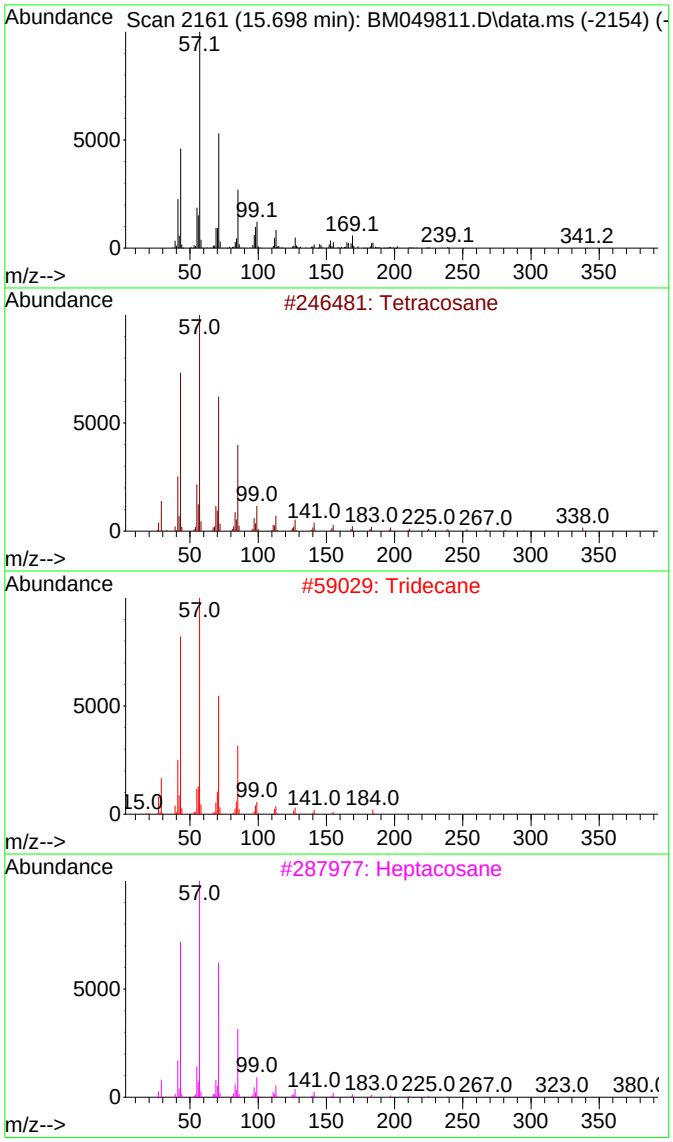
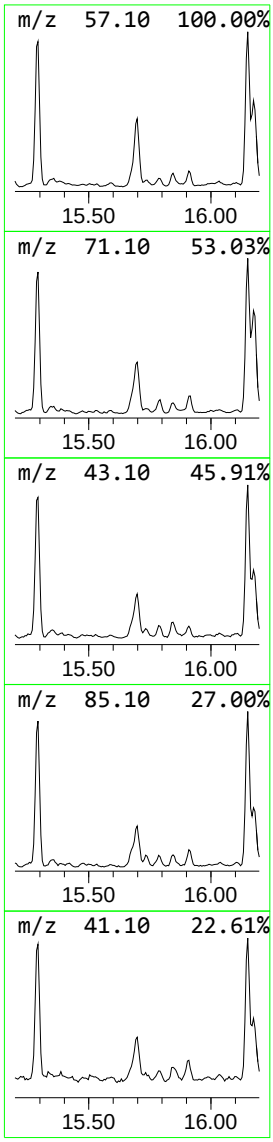
Peak Number 8 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	4.70 ng	933229	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Octacosane	394	C28H58	000630-02-4	72
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64





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Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

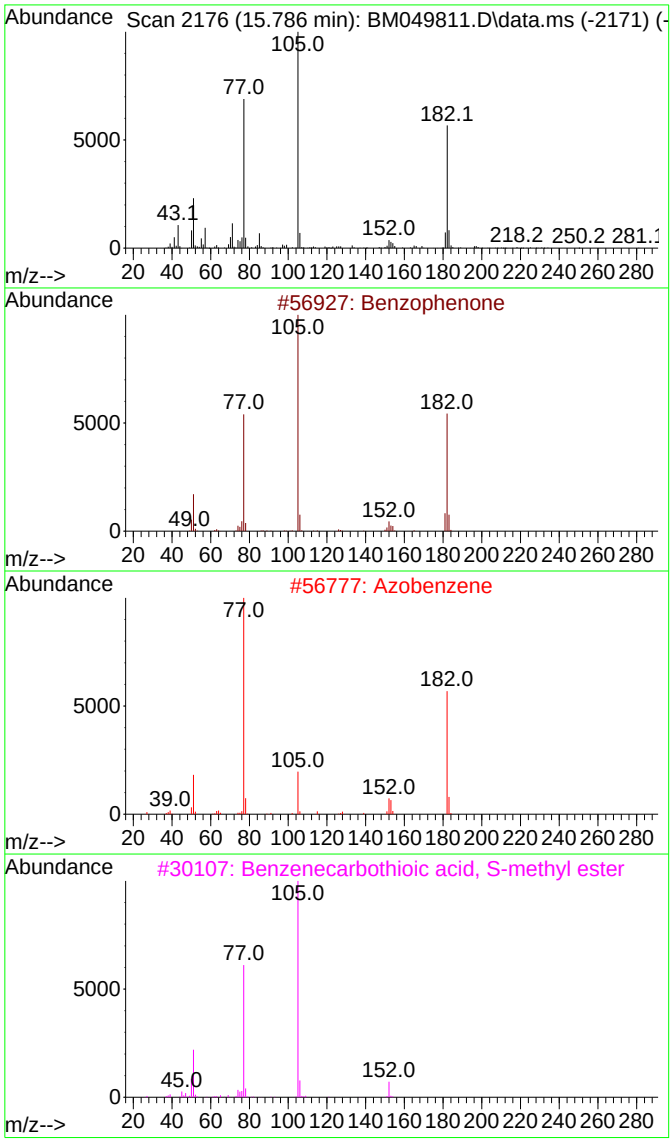
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

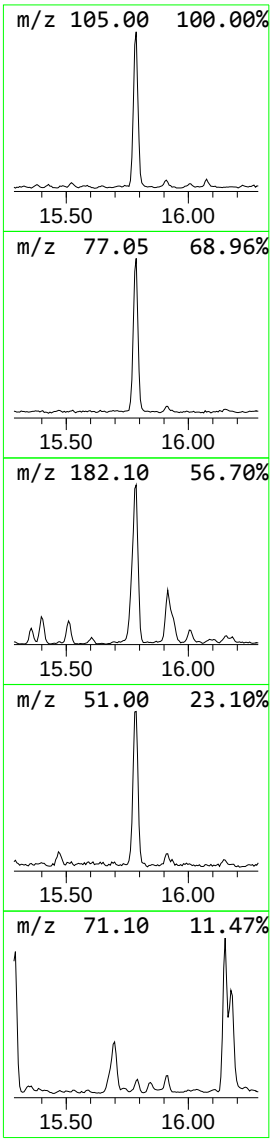
****

Peak Number 9 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	4.70 ng	933963	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5	2,5-Pyrrolidinedione, 1-(benzoyl...	219	C11H9NO4	023405-15-4	46





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Acq On : 03 Apr 2025 18:32
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Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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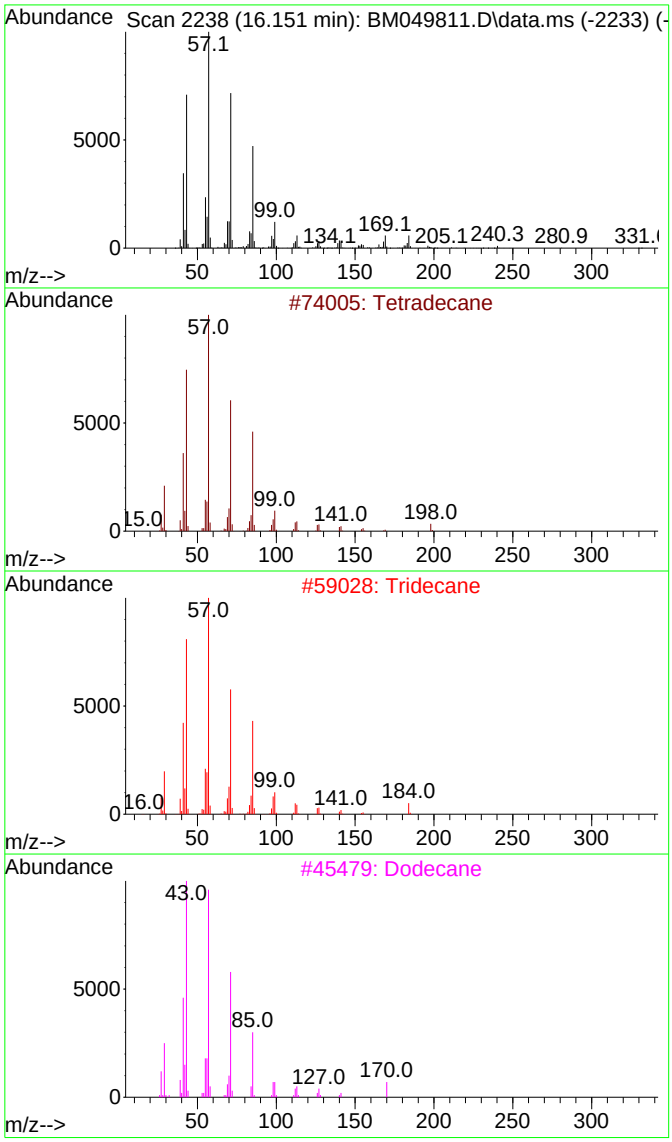
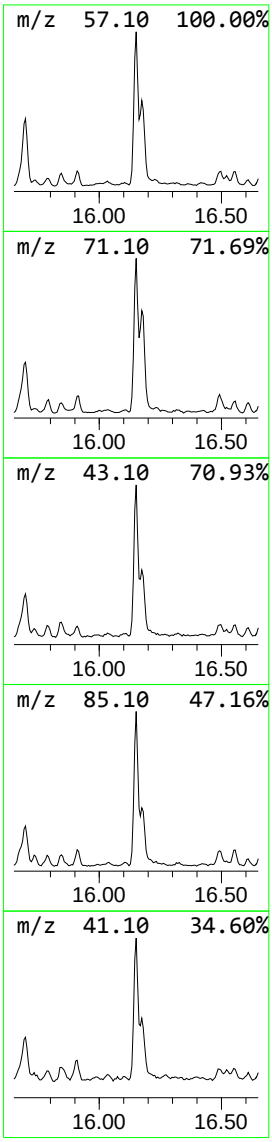
Peak Number 10 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	10.08 ng	2085050	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Dodecane	170	C12H26	000112-40-3	83
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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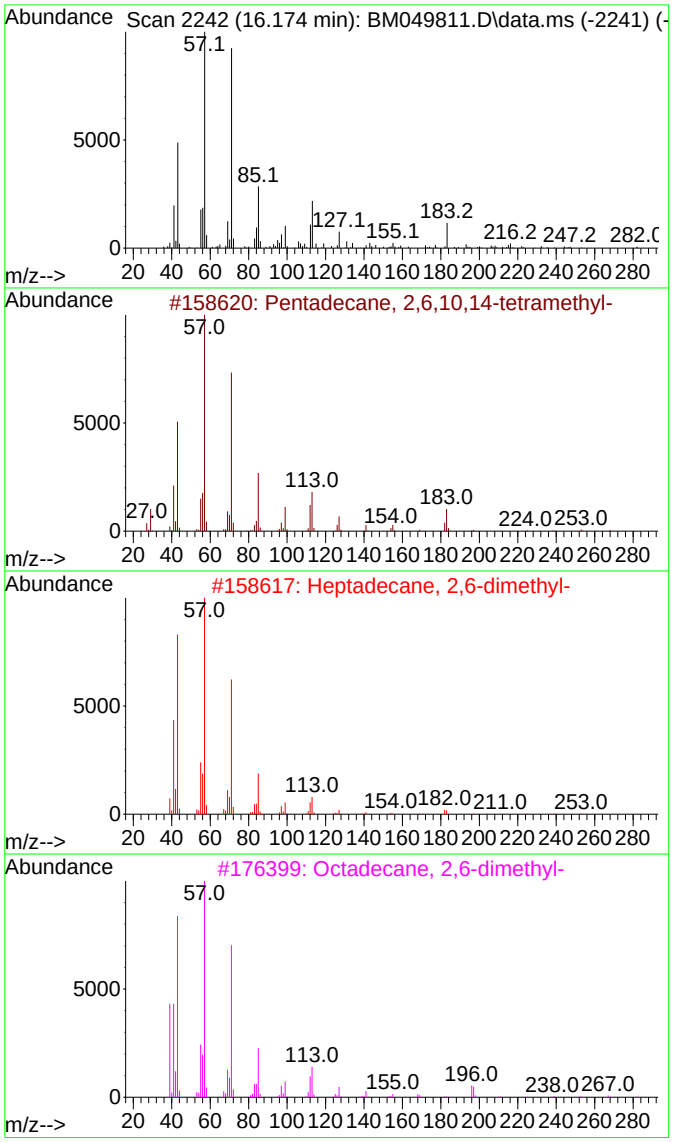
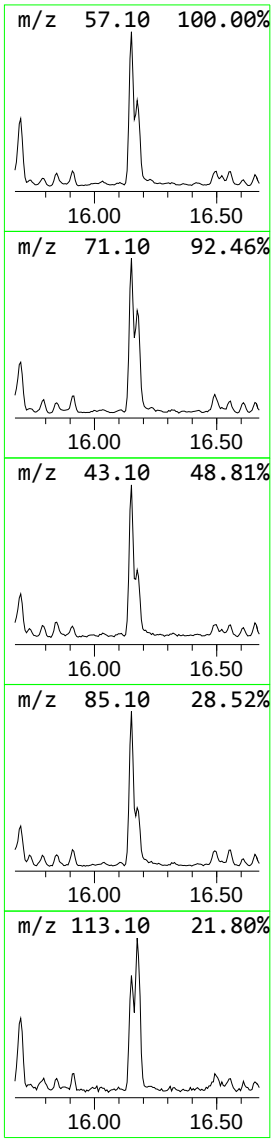
Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	3.78 ng	782237	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
4	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	59





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Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-040225

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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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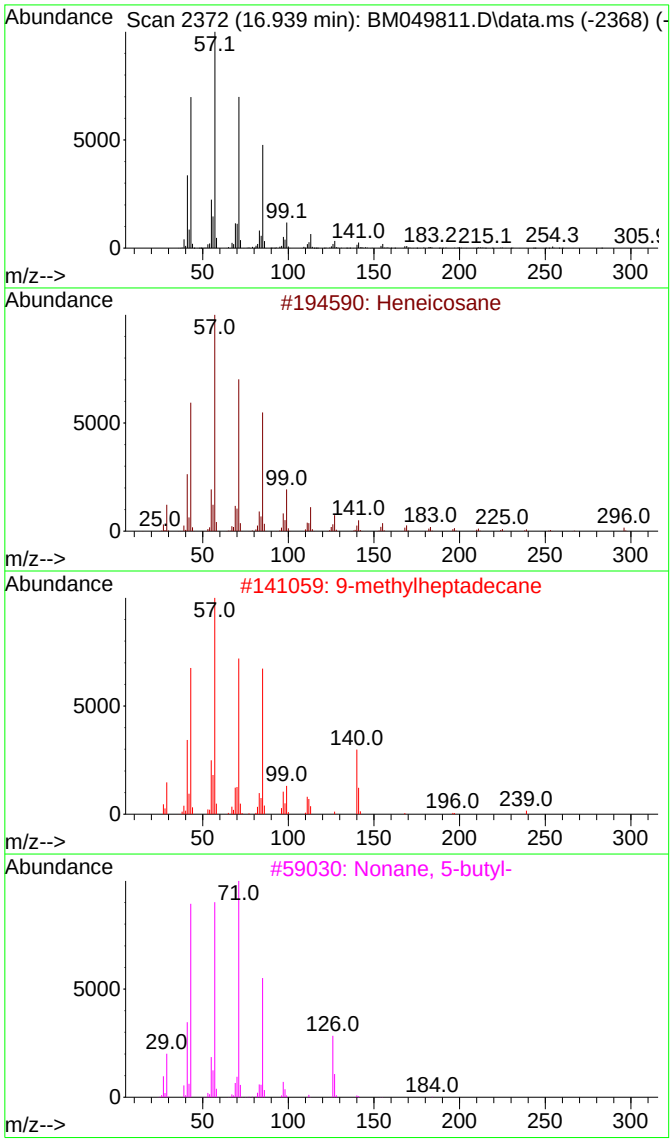
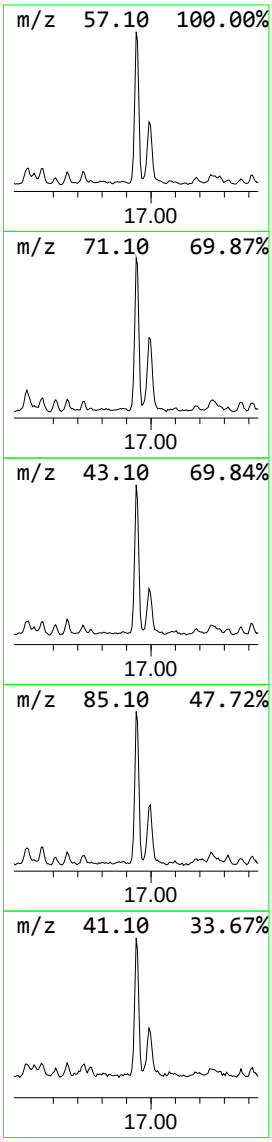
Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	6.71 ng	1388760	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 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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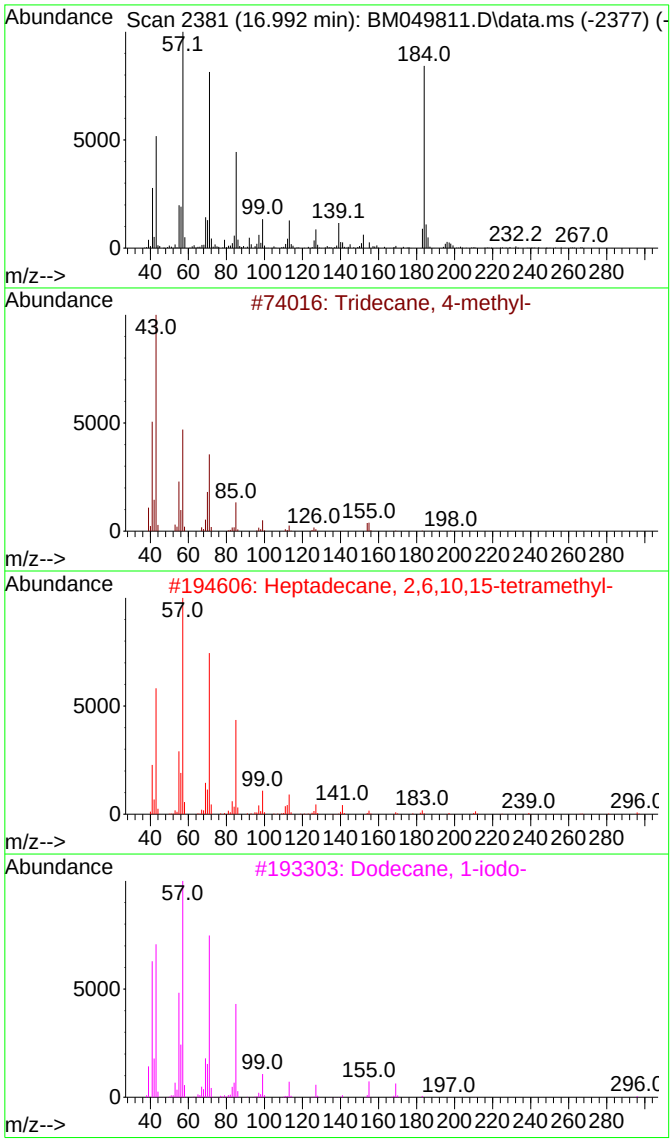
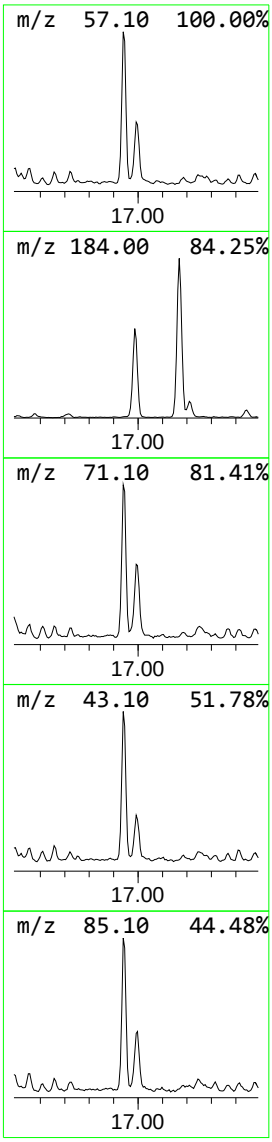
Peak Number 13 unknown16.992 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	5.81 ng	1202410	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43





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Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 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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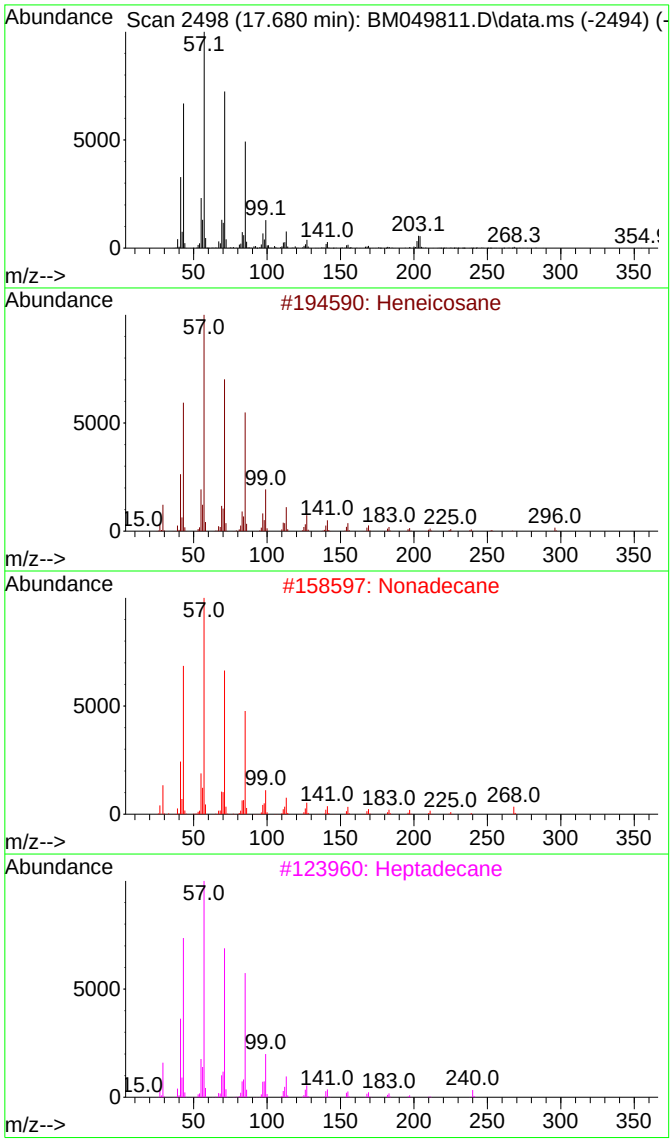
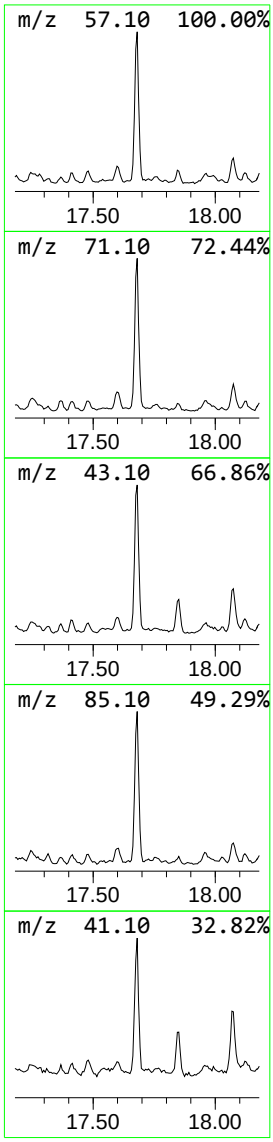
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	6.32 ng	1306810	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

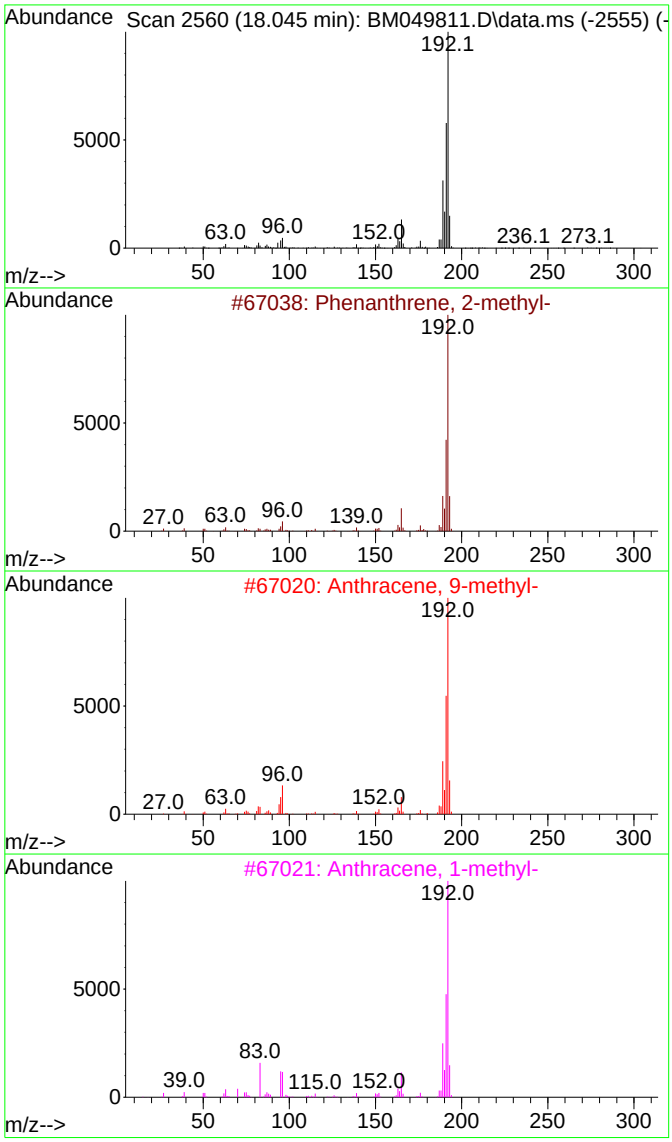
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

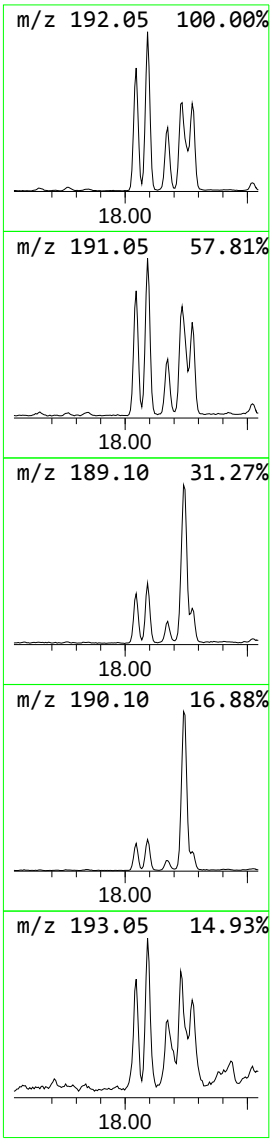
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	4.00 ng	827777	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

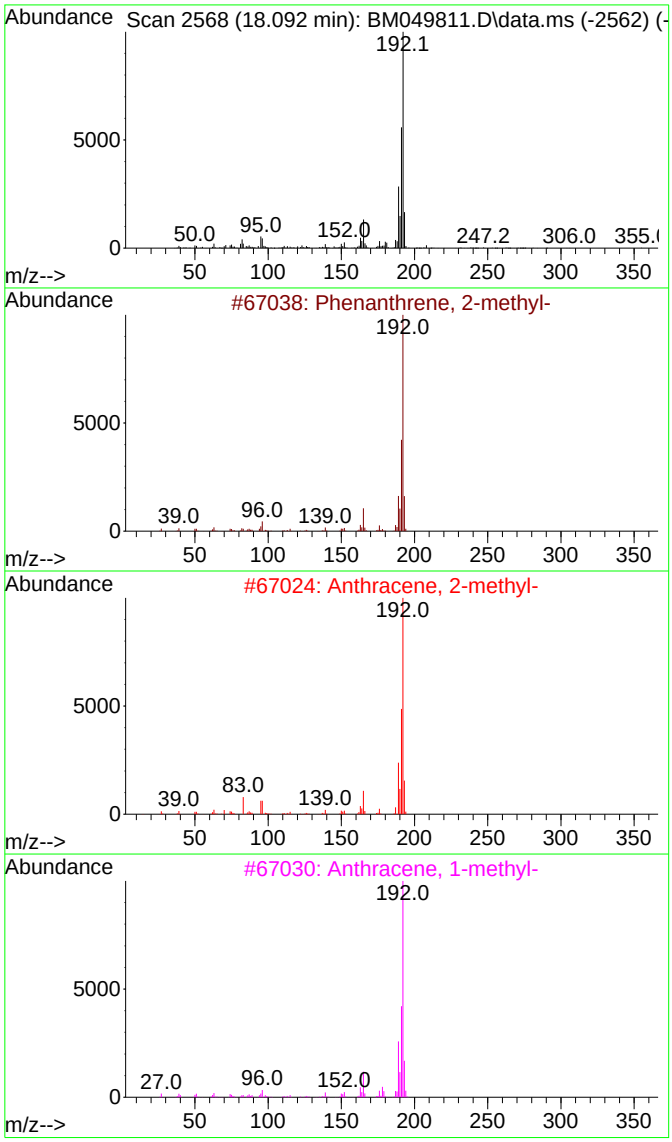
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

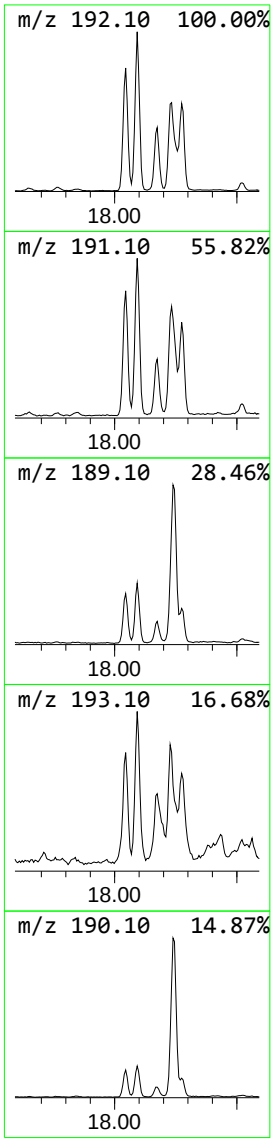
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	9.40 ng	1944030	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

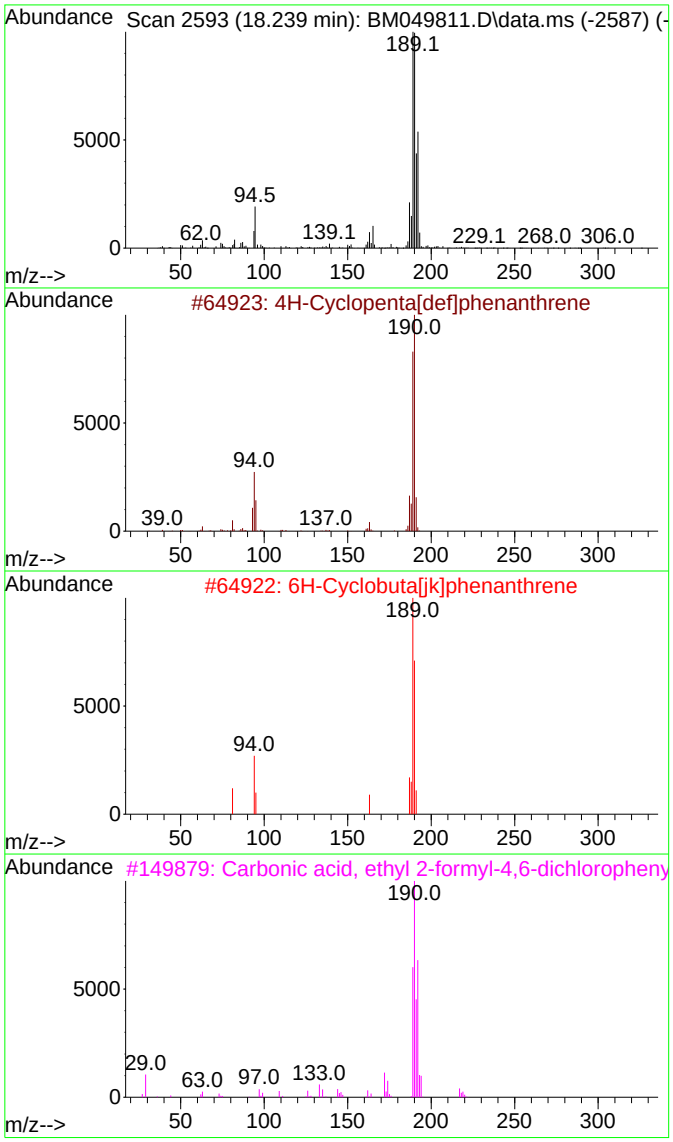
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

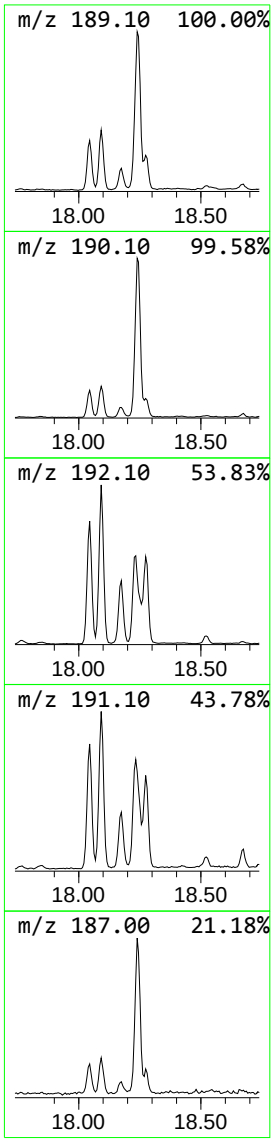
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	9.00 ng	1862910	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

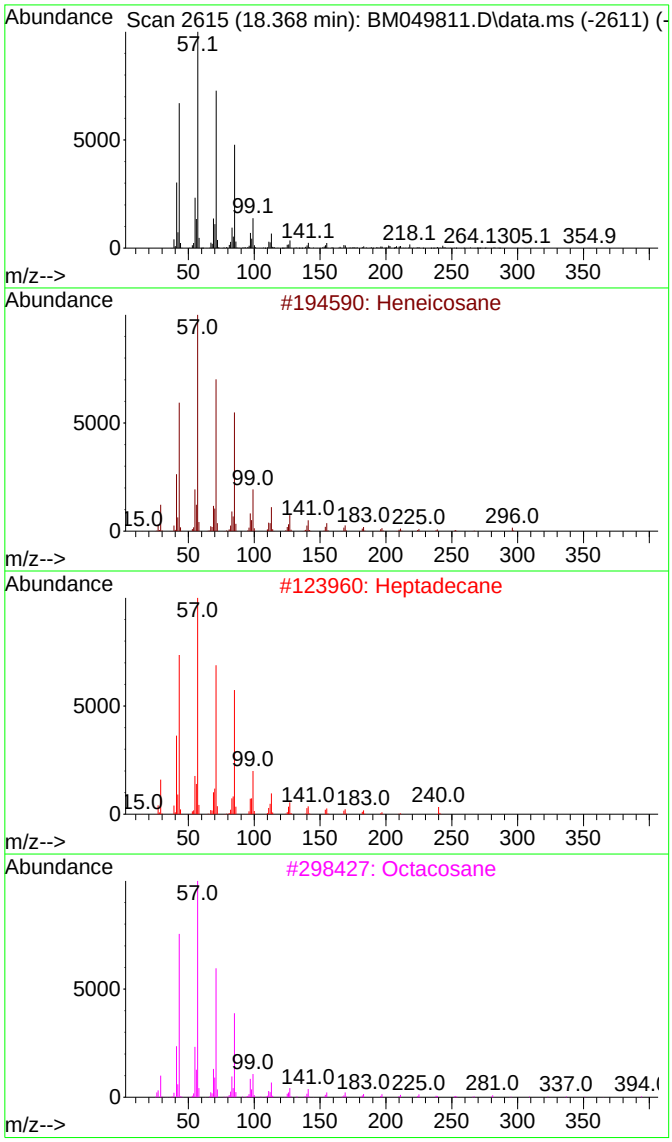
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

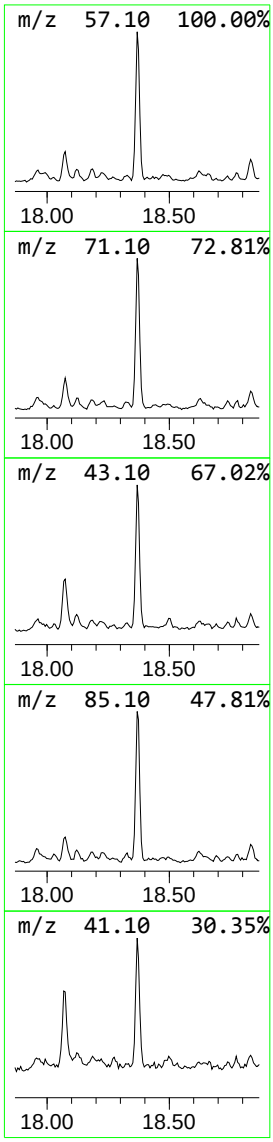
****

Peak Number 18 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	5.49 ng	1134880	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

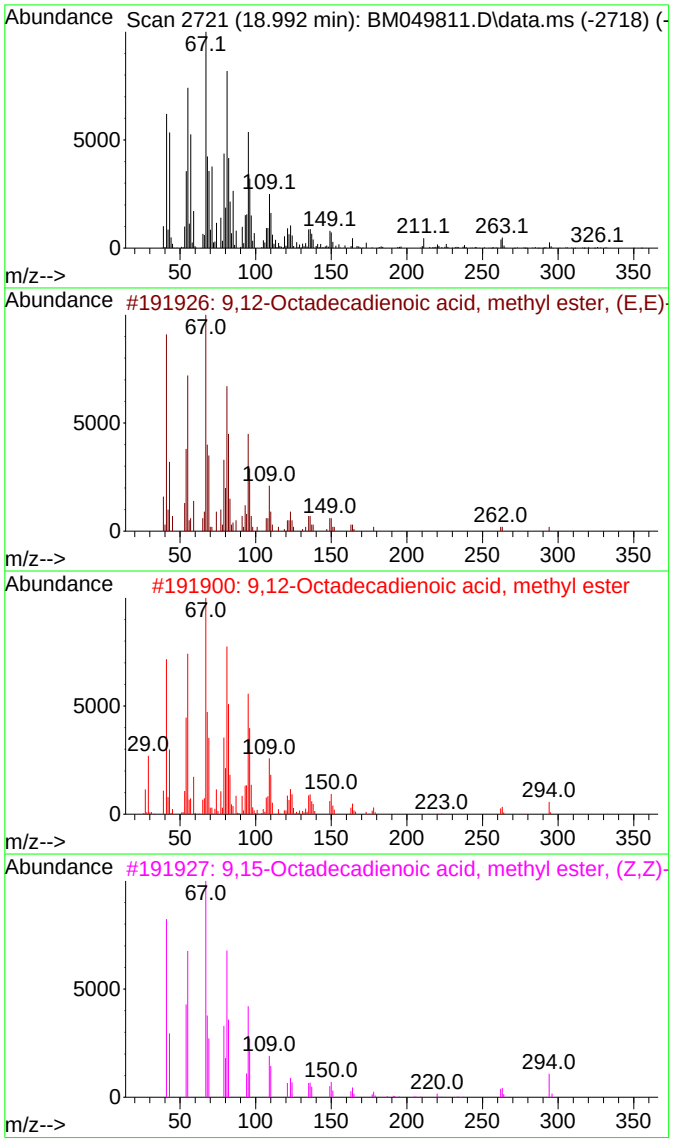
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

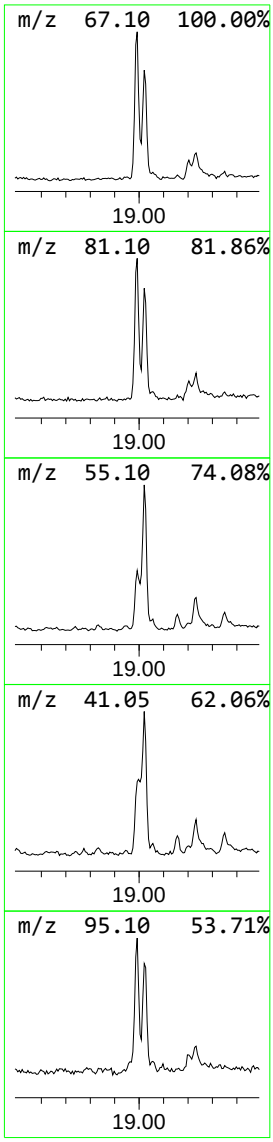
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	7.79 ng	1611880	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

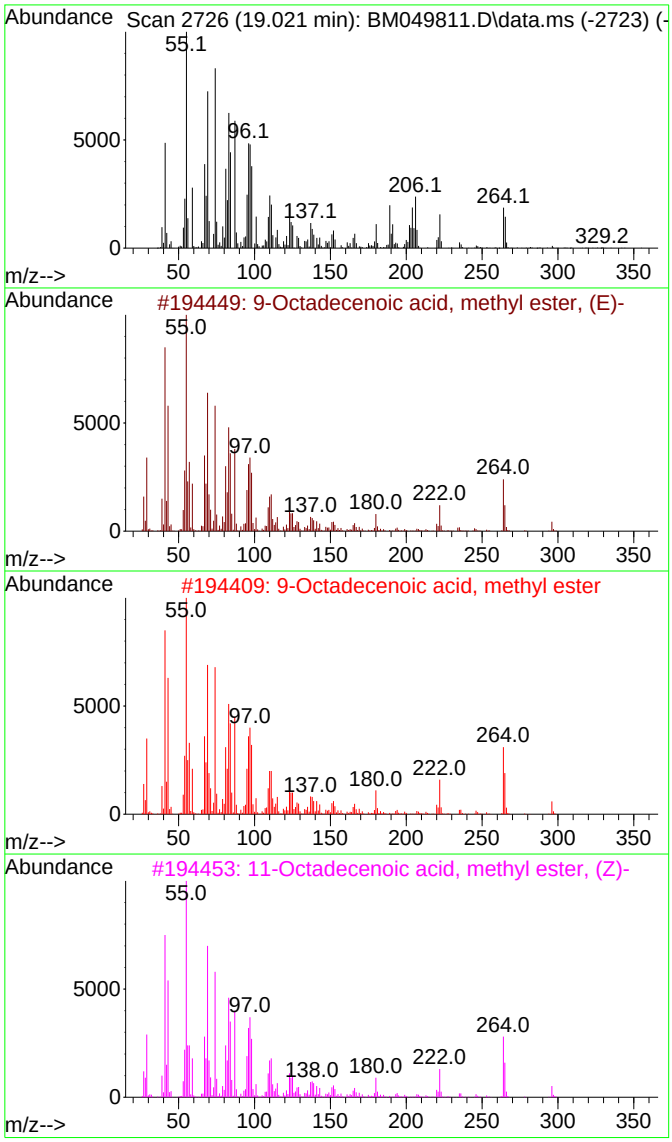
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

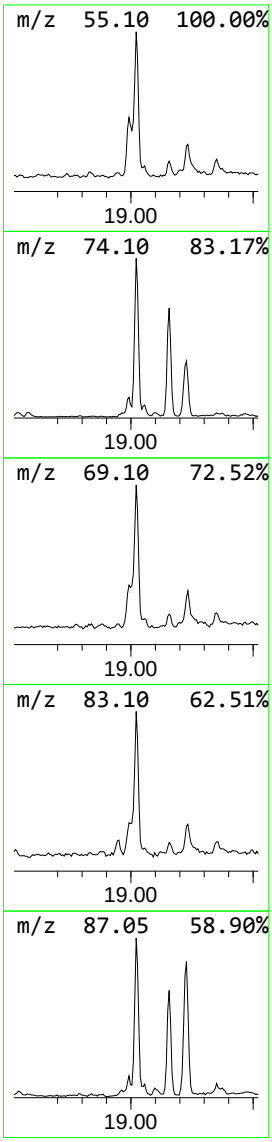
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	13.81 ng	2855990	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95
4	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	95
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049811.D
Acq On : 03 Apr 2025 18:32
Operator : RC/JU
Sample : Q1706-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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
unknown4.904	4.904	6.5	ng	719806	1	7.787	2220810	20.0
Carbonic acid, ...	9.022	5.0	ng	553677	1	7.787	2220810	20.0
Undecane, 4,6-d...	11.616	3.7	ng	759604	2	10.581	4113910	20.0
Tridecane	12.016	6.1	ng	1252570	2	10.581	4113910	20.0
Decane, 2,3,5-t...	13.263	7.8	ng	1558360	3	14.427	3975210	20.0
Nonadecane	14.339	8.3	ng	1657310	3	14.427	3975210	20.0
Heptadecane	15.292	8.1	ng	1608730	3	14.427	3975210	20.0
Tetracosane	15.698	4.7	ng	933229	3	14.427	3975210	20.0
Benzophenone	15.786	4.7	ng	933963	3	14.427	3975210	20.0
Tetradecane	16.151	10.1	ng	2085050	4	17.168	4137530	20.0
Pentadecane, 2,...	16.174	3.8	ng	782237	4	17.168	4137530	20.0
Heneicosane	16.939	6.7	ng	1388760	4	17.168	4137530	20.0
unknown16.992	16.992	5.8	ng	1202410	4	17.168	4137530	20.0
Tridecane, 1-iodo-	17.680	6.3	ng	1306810	4	17.168	4137530	20.0
Phenanthrene, 2...	18.045	4.0	ng	827777	4	17.168	4137530	20.0
Anthracene, 2-m...	18.092	9.4	ng	1944030	4	17.168	4137530	20.0
4H-Cyclopenta[d...	18.239	9.0	ng	1862910	4	17.168	4137530	20.0
Octacosane	18.368	5.5	ng	1134880	4	17.168	4137530	20.0
9,12-Octadecadi...	18.992	7.8	ng	1611880	4	17.168	4137530	20.0
9-Octadecenoic ...	19.021	13.8	ng	2855990	4	17.168	4137530	20.0