LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	62	65	72	rBV	87147	117854	1.36%	0.081%
2	4.575	280	287	293	rBV	104851	148487	1.71%	0.102%
3	5.022	356	363	380	rBV	1586559	2319246	26.67%	1.595%
4	6.575	613	627	639	rBV	1460215	2336514	26.86%	1.607%
5	7.363	753	761	770	rBV	2450805	3802631	43.72%	2.615%
6	8.457	936	947	950	rBV6	73622	168908	1.94%	0.116%
7	8.510	950	956	965	rVV	981442	1607321	18.48%	1.105%
8	8.704	977	989	995	rVB8	83716	249862	2.87%	0.172%
9	8.781	995	1002	1007	rBV7	38520	110691	1.27%	0.076%
10	9.045	1041	1047	1052	rVB4	152379	252031	2.90%	0.173%
11	9.304	1087	1091	1095	rVV2	81902	117348	1.35%	0.081%
12	9.410	1105	1109	1114	rVB6	67799	115436	1.33%	0.079%
13	9.833	1174	1181	1185	rBV2	93663	200655	2.31%	0.138%
14	9.910	1190	1194	1200	rVB4	107435	211395	2.43%	0.145%
15	10.033	1211	1215	1219	rBV4	78797	132500	1.52%	0.091%
16	10.122	1219	1230	1236	rVB	3101930	5273981	60.64%	3.627%
17	10.175	1236	1239	1241	rBV2	85798	110330	1.27%	0.076%
18	10.245	1247	1251	1257	rVB5	136505	249151	2.86%	0.171%
19	10.304	1257	1261	1265	rVV	182480	248300	2.85%	0.171%
20	10.351	1265	1269	1276	rVV5	100036	233873	2.69%	0.161%
21	10.528	1294	1299	1301	rBV2	101059	162943	1.87%	0.112%
22	10.580	1306	1308	1318	rVB6	104002	254303	2.92%	0.175%
23	10.698	1323	1328	1333	rBV4	101653	188582	2.17%	0.130%
24	10.798	1340	1345	1348	rBV3	141115	255141	2.93%	0.175%
25	10.875	1355	1358	1361	rBV3	91916	127387	1.46%	0.088%
26	10.975	1371	1375	1380	rVB3	153430	250026	2.87%	0.172%
27	11.028	1380	1384	1386	rBV4	81332	119107	1.37%	0.082%
28	11.163	1401	1407	1415	rBV4	461580	1081073	12.43%	0.743%
29	11.310	1428	1432	1436	rVB3	178242	254683	2.93%	0.175%
30	11.575	1469	1477	1486	rBV4	609962	1279123	14.71%	0.880%
31	11.757	1504	1508	1511	rBV5	158215	289080	3.32%	0.199%
32	11.945	1537	1540	1543	rVV3	91782	114729	1.32%	0.079%
33	12.063	1555	1560	1566	rBV2	527038	857240	9.86%	0.590%
34	12.192	1578	1582	1587	rBV5	207333	484386	5.57%	0.333%
35	12.280	1593	1597	1601	rBV3	173541	255230	2.93%	0.176%
36	12.422	1617	1621	1628	rVB4	285034	471208	5.42%	0.324%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.510	1630	1636	1640	rBV4	263707	521911	6.00%	0.359%
38	12.563	1640	1645	1651	rVV3	755600	1278073	14.70%	0.879%
39	12.627	1651	1656	1661	rVB	2131474	3021524	34.74%	2.078%
40	12.822	1686	1689	1691	rBV2	179054	235557	2.71%	0.162%
41	12.863	1691	1696	1702	rVV	1191577	1940388	22.31%	1.334%
42	12.916	1702	1705	1707	rVV3	189081	253757	2.92%	0.175%
43	12.951	1707	1711	1716	rVV2	571886	1020107	11.73%	0.702%
44	13.010	1717	1721	1727	rVB4	343691	642239	7.38%	0.442%
45	13.180	1745	1750	1753	rBV3	307620	481415	5.54%	0.331%
46	13.392	1782	1786	1791	rVB6	265068	442092	5.08%	0.304%
47	13.439	1791	1794	1799	rVB3	342052	553138	6.36%	0.380%
48	13.492	1799	1803	1804	rBV2	316891	406919	4.68%	0.280%
49	13.533	1807	1810	1814	rVV2	938259	1253583	14.41%	0.862%
50	13.574	1814	1817	1820	rVB3	196310	241825	2.78%	0.166%
51	13.651	1827	1830	1833	rBV	243642	288551	3.32%	0.198%
52	13.745	1843	1846	1850	rBV4	258524	341014	3.92%	0.235%
53	13.892	1867	1871	1874	rBV4	181363	254337	2.92%	0.175%
54	13.957	1877	1882	1886	rVV	2106222	2704808	31.10%	1.860%
55	14.027	1888	1894	1899	rVB	4148825	6466539	74.35%	4.447%
56	14.404	1954	1958	1965	rBV6	427178	1020612	11.73%	0.702%
57	14.463	1965	1968	1974	rVB3	358666	524496	6.03%	0.361%
58	14.521	1975	1978	1981	rVB2	260760	269270	3.10%	0.185%
59	14.580	1984	1988	1995	rVB2	977140	1471784	16.92%	1.012%
60	14.651	1997	2000	2004	rBV2	482348	734613	8.45%	0.505%
61	14.821	2026	2029	2034	rVB3	371733	527207	6.06%	0.363%
62	14.921	2042	2046	2050	rVB	3031263	3510496	40.36%	2.414%
63	15.139	2080	2083	2090	rVB6	242414	450667	5.18%	0.310%
64	15.327	2108	2115	2120	rBV	1438544	2838508	32.64%	1.952%
65	15.421	2129	2131	2136	rVB	434730	502403	5.78%	0.346%
66	15.480	2137	2141	2145	rVV2	564854	860559	9.89%	0.592%
67	15.533	2145	2150	2158	rVB2	1920828	3165273	36.39%	2.177%
68	15.792	2189	2194	2197	rBV	3903264	5863236	67.41%	4.032%
69	16.145	2248	2254	2259	rBV4	579421	1532970	17.63%	1.054%
70	16.192	2259	2262	2266	rVB3	523672	675543	7.77%	0.465%
71	16.298	2277	2280	2284	rBV	482573	623362	7.17%	0.429%
72	16.368	2289	2292	2299	rVB3	489601	916823	10.54%	0.631%
73	16.586	2324	2329	2333	rBV	4058683	4937726	56.77%	3.396%
74	16.633	2333	2337	2349	rVB	1832099	2981485	34.28%	2.050%
75	16.786	2358	2363	2368	rBV	4525944	6431187	73.95%	4.423%
76	16.827	2368	2370	2374	rVB2	248912	268113	3.08%	0.184%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.892	2378	2381	2384	rBV	319574	500739	5.76%	0.344%
78	17.057	2406	2409	2416	rVB2	411282	554122	6.37%	0.381%
79	17.121	2417	2420	2425	rBV	561417	646569	7.43%	0.445%
80	17.239	2437	2440	2447	rVB3	488085	716672	8.24%	0.493%
81	17.321	2450	2454	2459	rBV	3708269	4636324	53.31%	3.188%
82	17.604	2499	2502	2507	rBV	365153	550243	6.33%	0.378%
83	17.727	2519	2523	2527	rBV2	2120406	2760793	31.74%	1.899%
84	17.827	2537	2540	2542	rBV	382616	445301	5.12%	0.306%
85	18.021	2568	2573	2577	rVB	3380907	4466366	51.35%	3.072%
86	18.492	2650	2653	2657	rVB	446530	535150	6.15%	0.368%
87	18.668	2676	2683	2685	rBV2	3137841	5679149	65.30%	3.906%
88	18.827	2707	2710	2713	rVB2	434828	443289	5.10%	0.305%
89	18.880	2713	2719	2721	rBV2	1841196	2893317	33.27%	1.990%
90	18.909	2721	2724	2737	rVB2	2695510	4789269	55.07%	3.294%
91	19.027	2741	2744	2754	rVB2	1091709	1686108	19.39%	1.160%
92	19.227	2775	2778	2780	rBV2	498105	613954	7.06%	0.422%
93	19.256	2780	2783	2788	rVB	2340283	2573250	29.59%	1.770%
94	19.456	2812	2817	2821	rVB	3164654	4000619	46.00%	2.751%
95	19.798	2871	2875	2879	rBV	1574708	1712329	19.69%	1.178%
96	20.297	2957	2960	2964	rVB	1092055	1175005	13.51%	0.808%
97	20.768	3037	3040	3044	rVB	843361	872803	10.04%	0.600%
98	21.027	3079	3084	3089	rBV	5232432	6978911	80.24%	4.799%
99	21.239	3118	3120	3125	rVB	520482	577514	6.64%	0.397%
100	23.733	3537	3544	3559	rVB	3515878	8697245	100.00%	5.981%

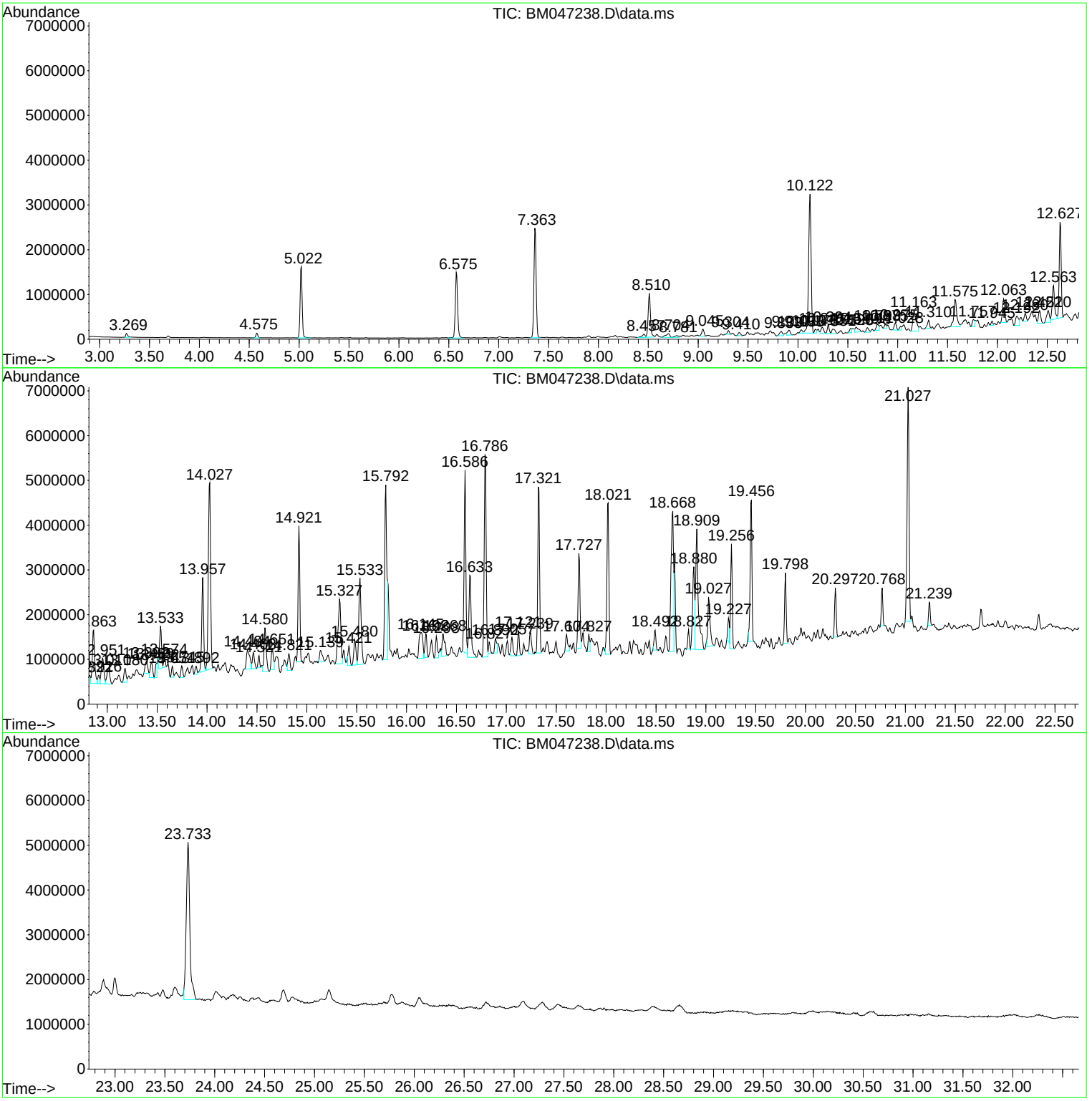
Sum of corrected areas: 145409906

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
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Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

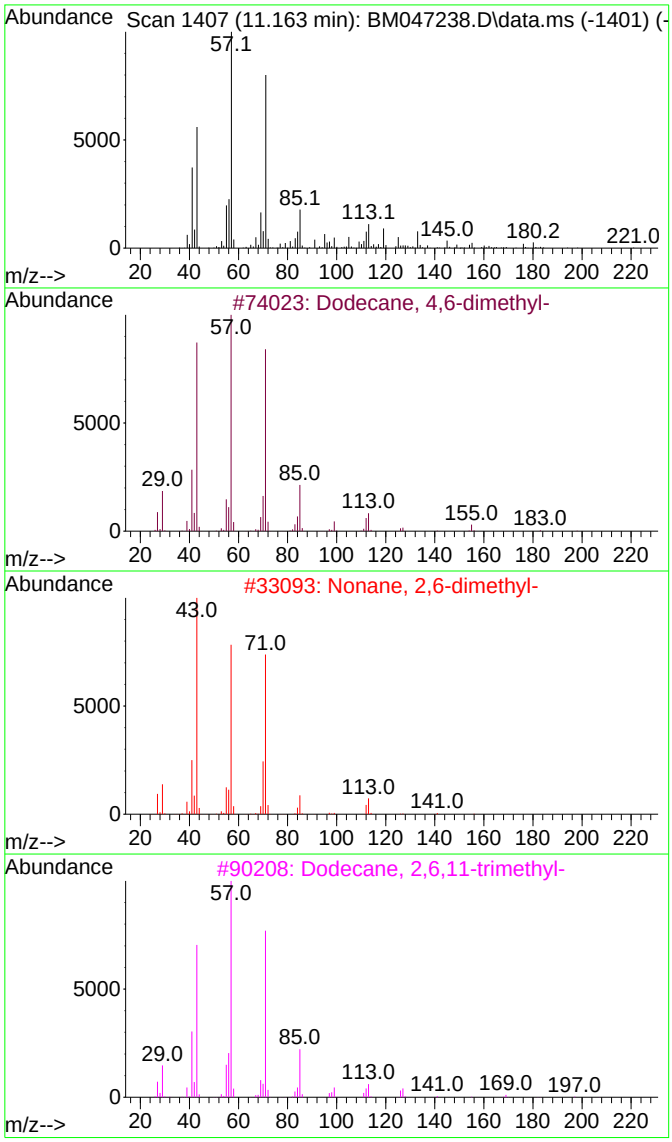
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

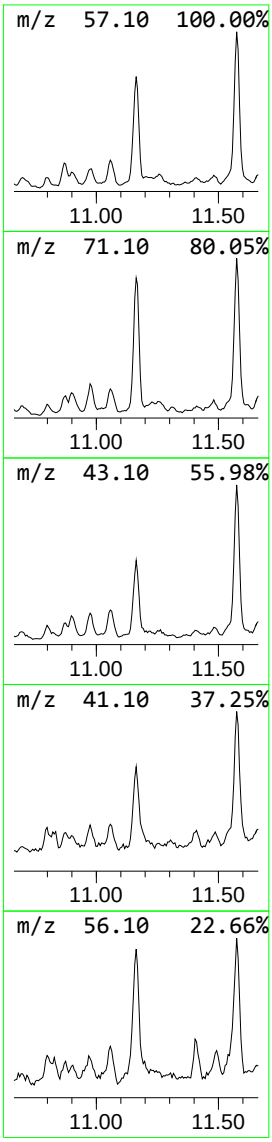
****

Peak Number 1 Dodecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	4.10 ng	1081070	Naphthalene-d8	10.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

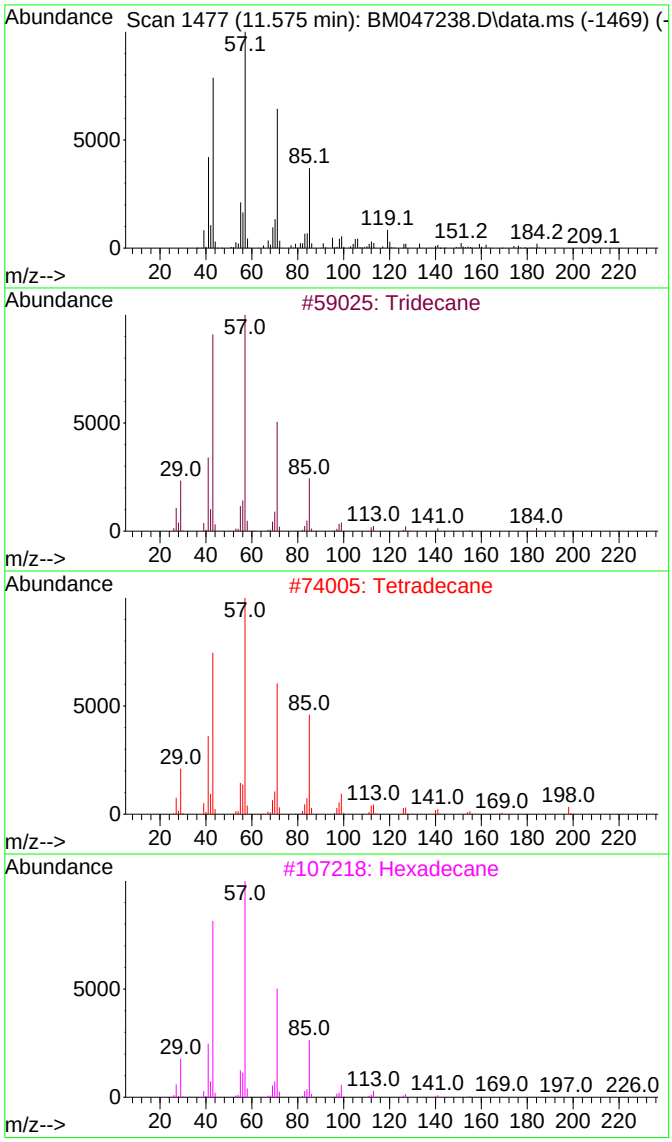
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

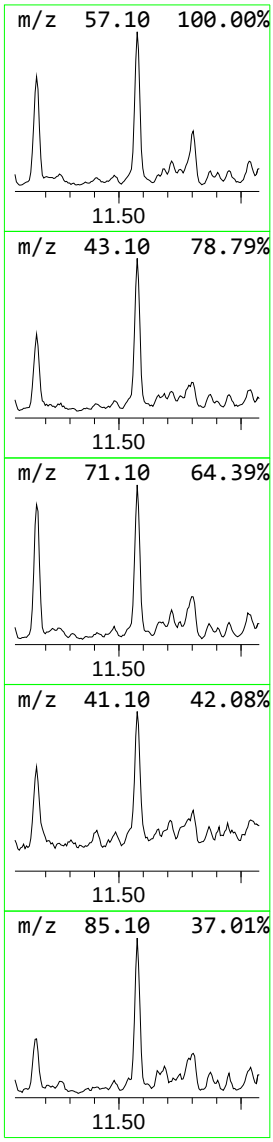
****

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	4.85 ng	1279120	Naphthalene-d8	10.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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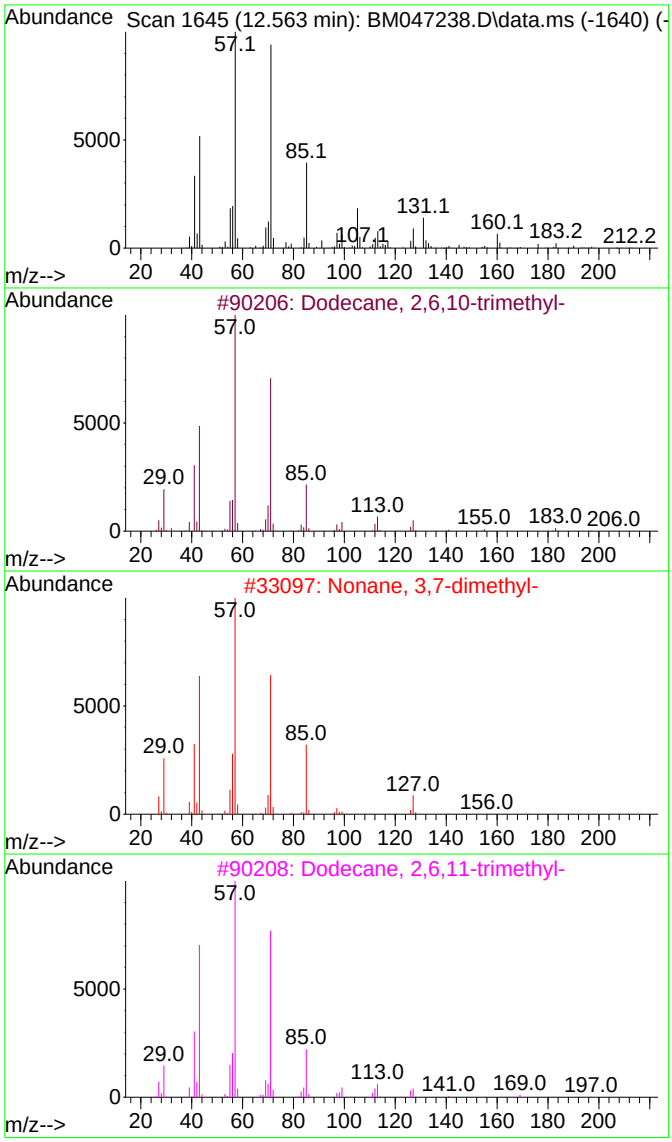
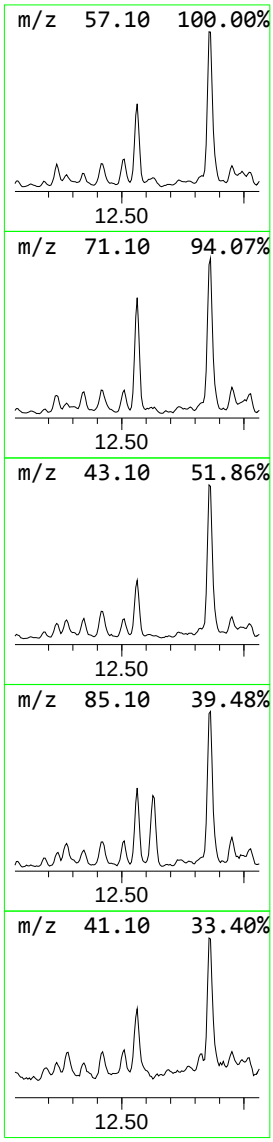
Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	3.95 ng	1278070	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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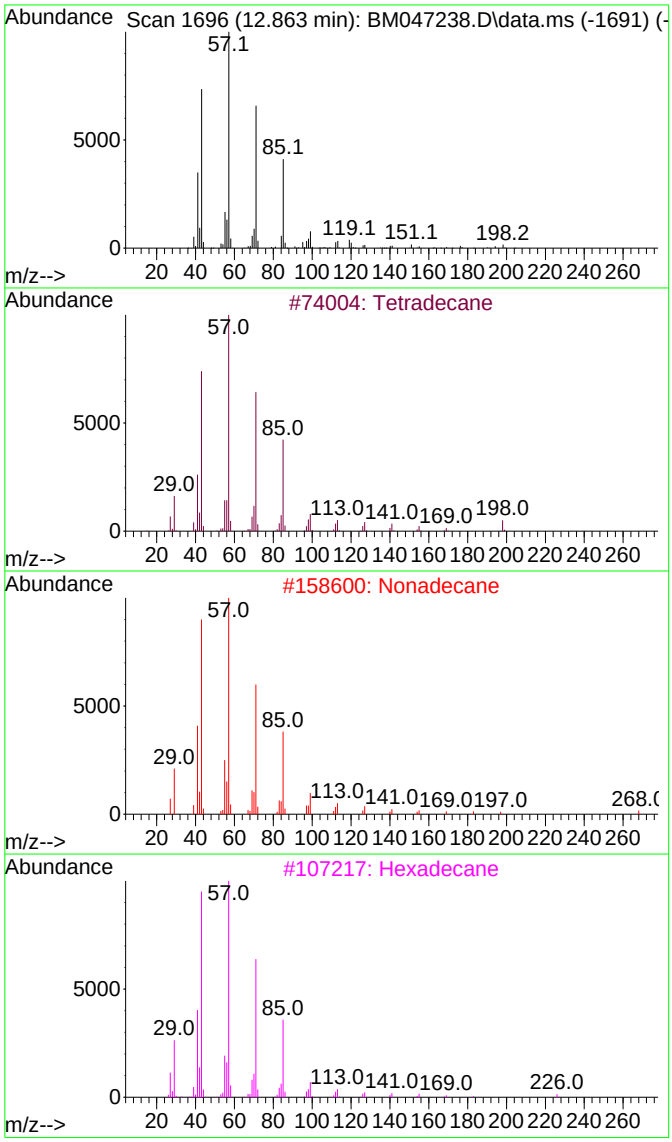
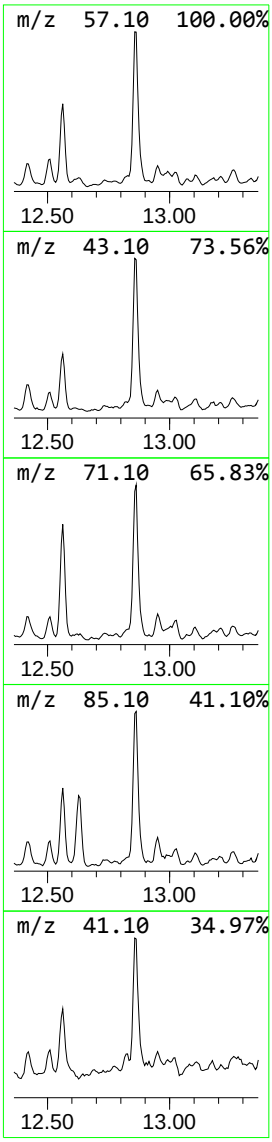
Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.863	6.00 ng	1940390	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	78
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

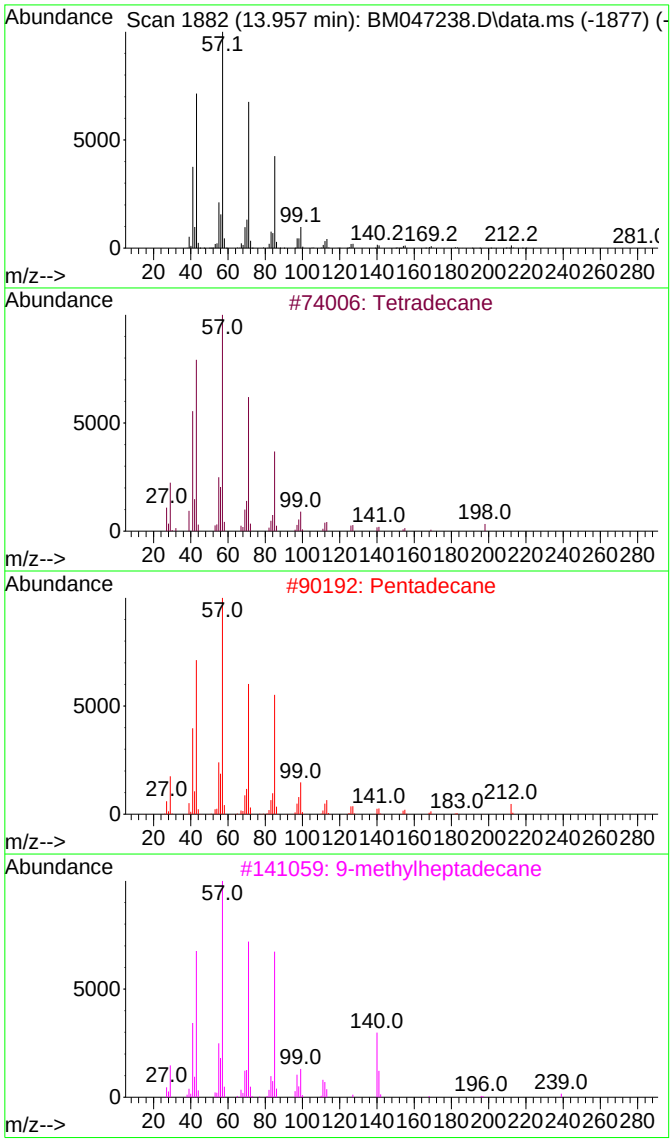
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

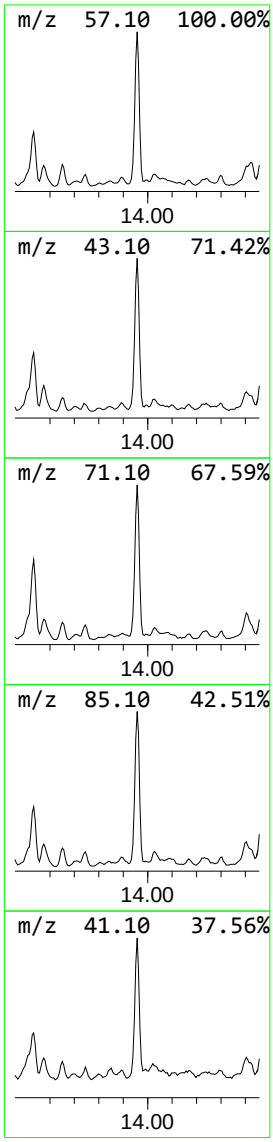
****

Peak Number 5 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	8.37 ng	2704810	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90





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Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-081424

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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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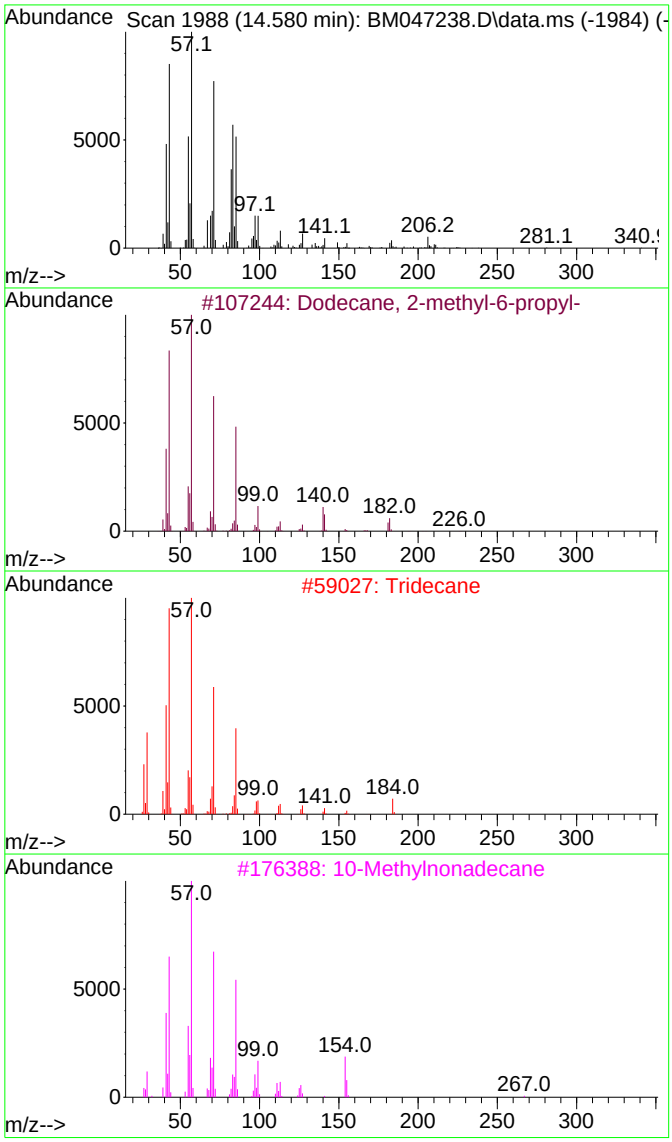
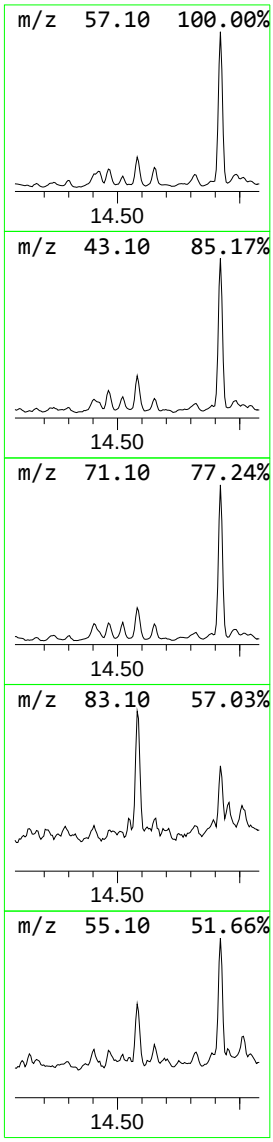
Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	4.55 ng	1471780	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tridecane	184	C13H28	000629-50-5	70
3	10-Methylnonadecane	282	C20H42	056862-62-5	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Tetratetracontane	619	C44H90	007098-22-8	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
HR-02-081424

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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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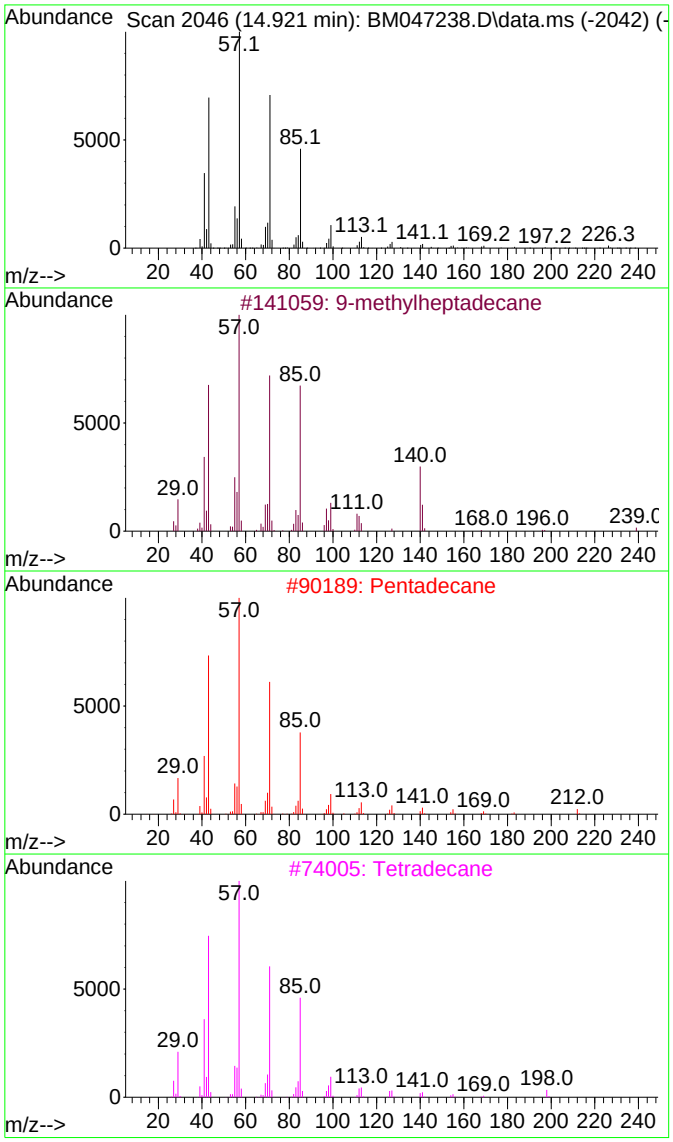
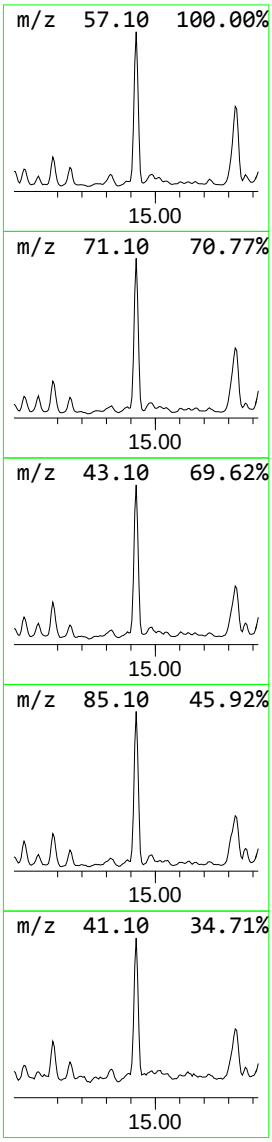
Peak Number 7 9-methylheptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	10.86 ng	3510500	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
HR-02-081424

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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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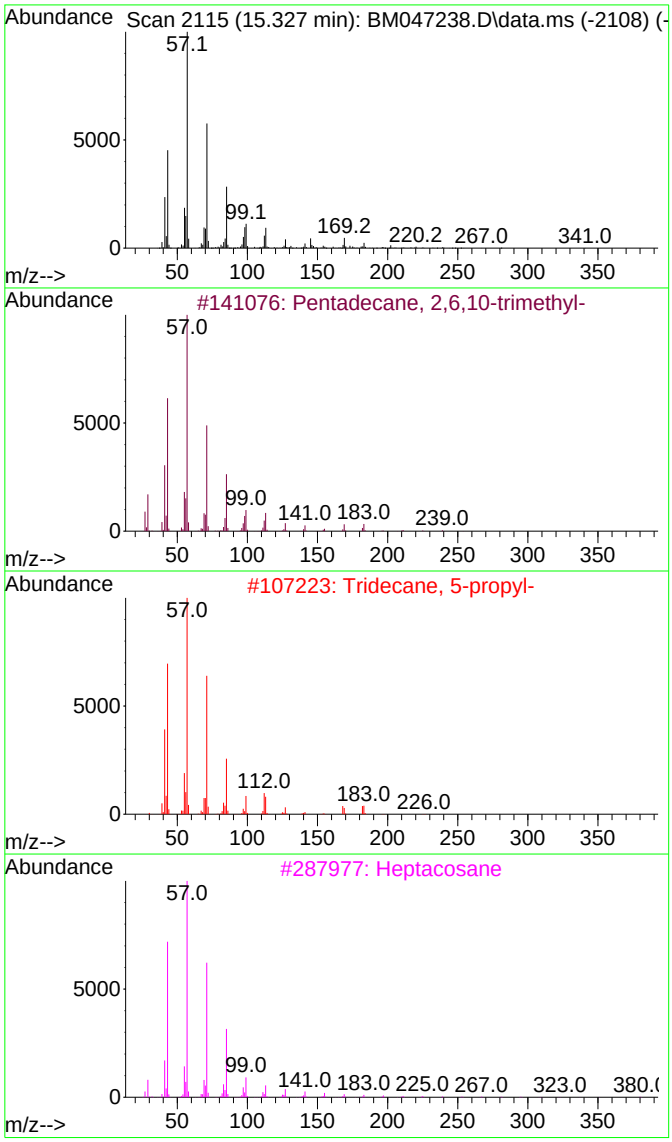
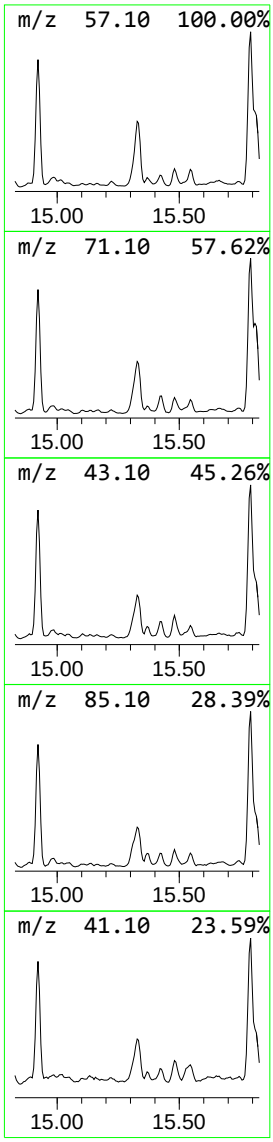
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	8.78 ng	2838510	Acenaphthene-d10	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-081424

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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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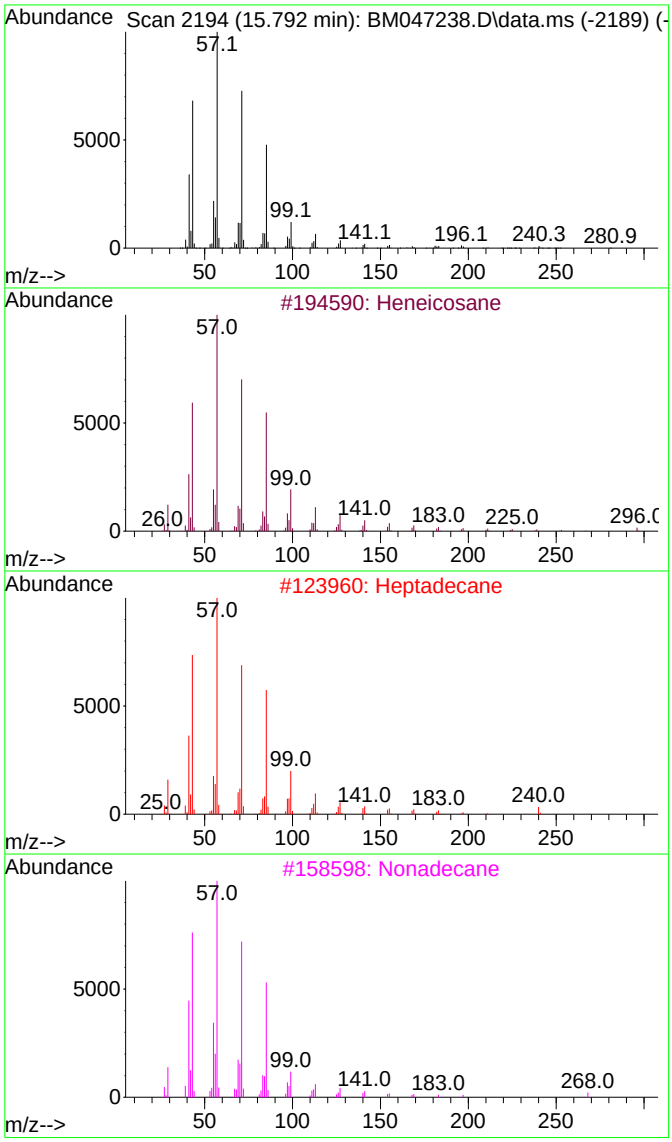
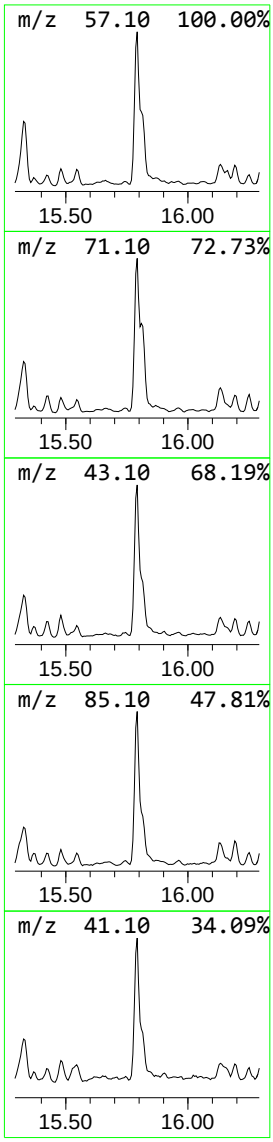
Peak Number 9 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	18.23 ng	5863240	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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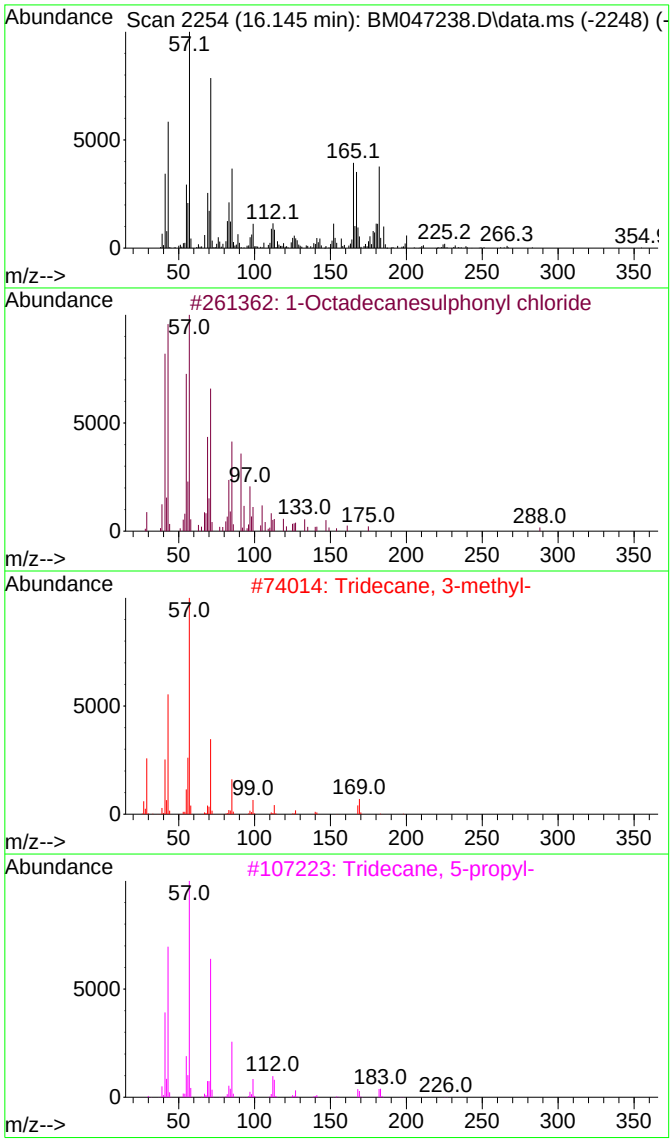
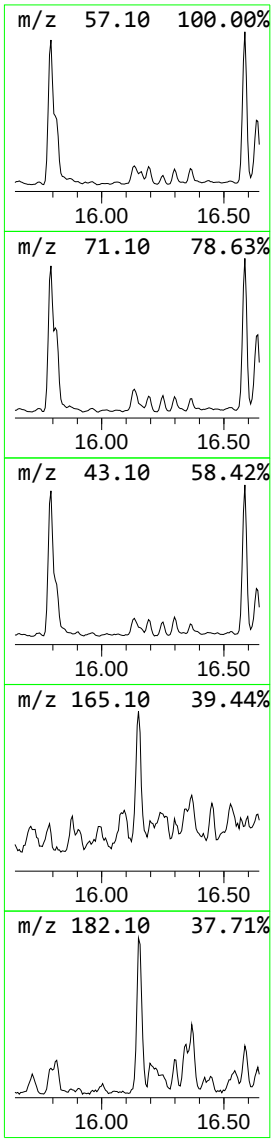
Peak Number 10 unknown16.145 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	4.77 ng	1532970	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	38
5	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	38





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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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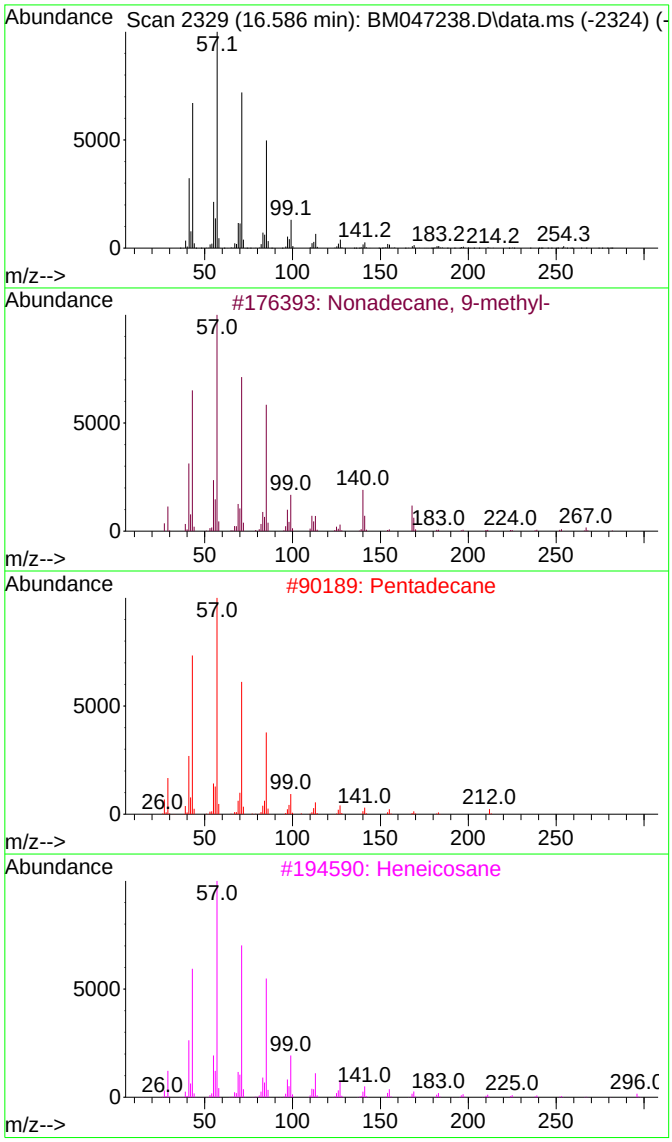
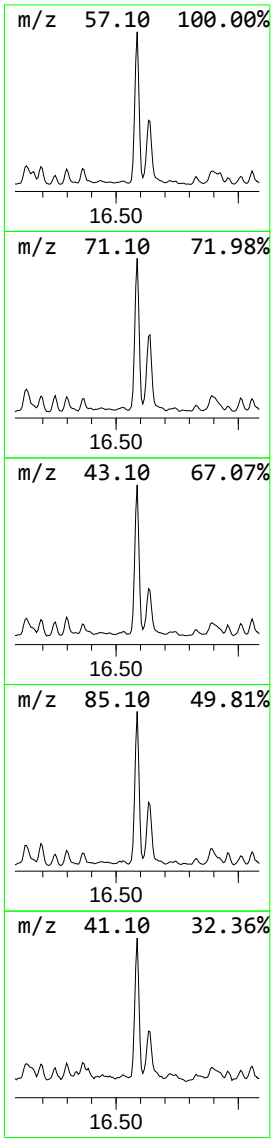
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	15.36 ng	4937730	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





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ALS Vial : 13 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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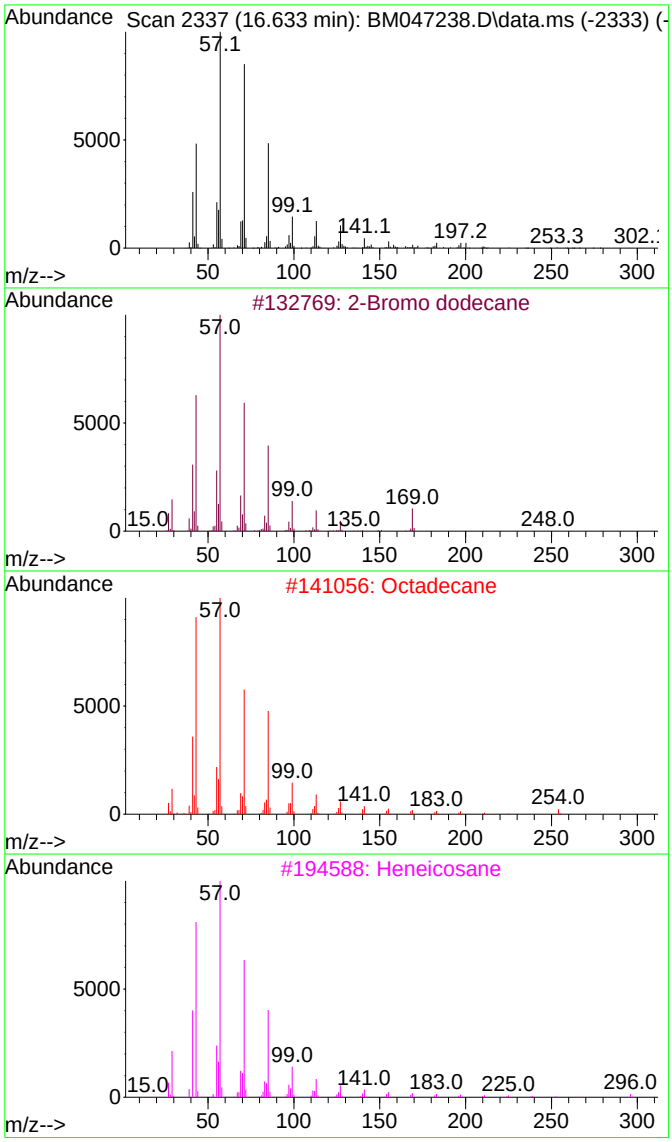
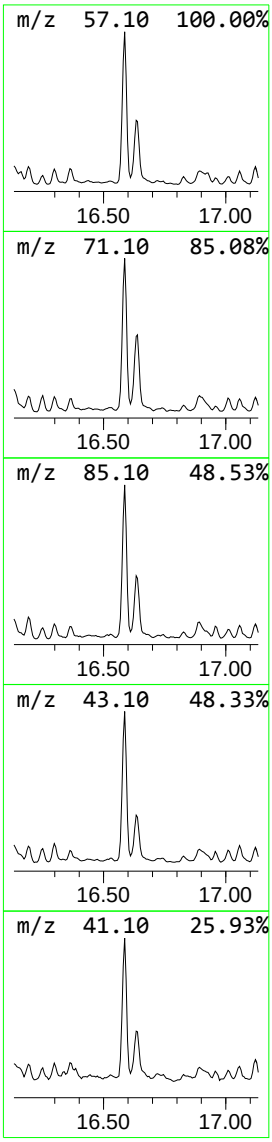
Peak Number 12 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	9.27 ng	2981490	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Misc :
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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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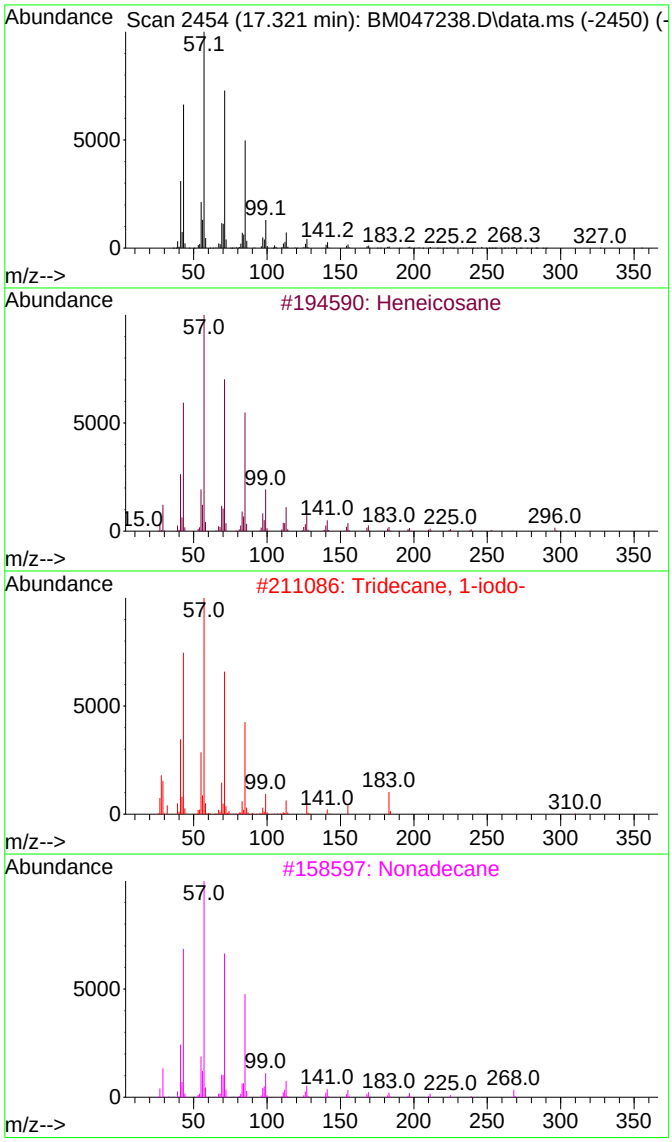
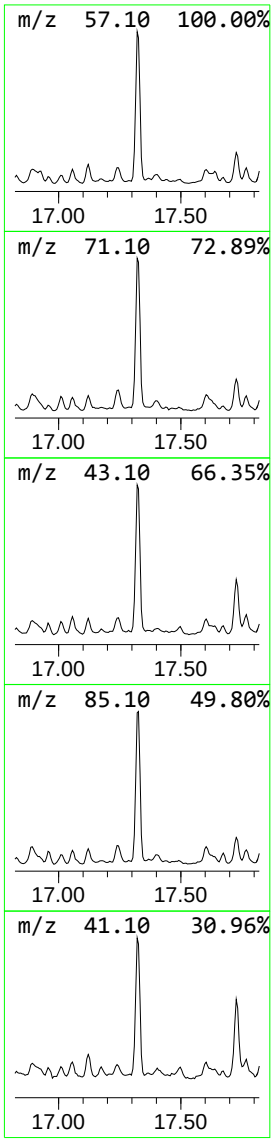
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.321	14.42 ng	4636320	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
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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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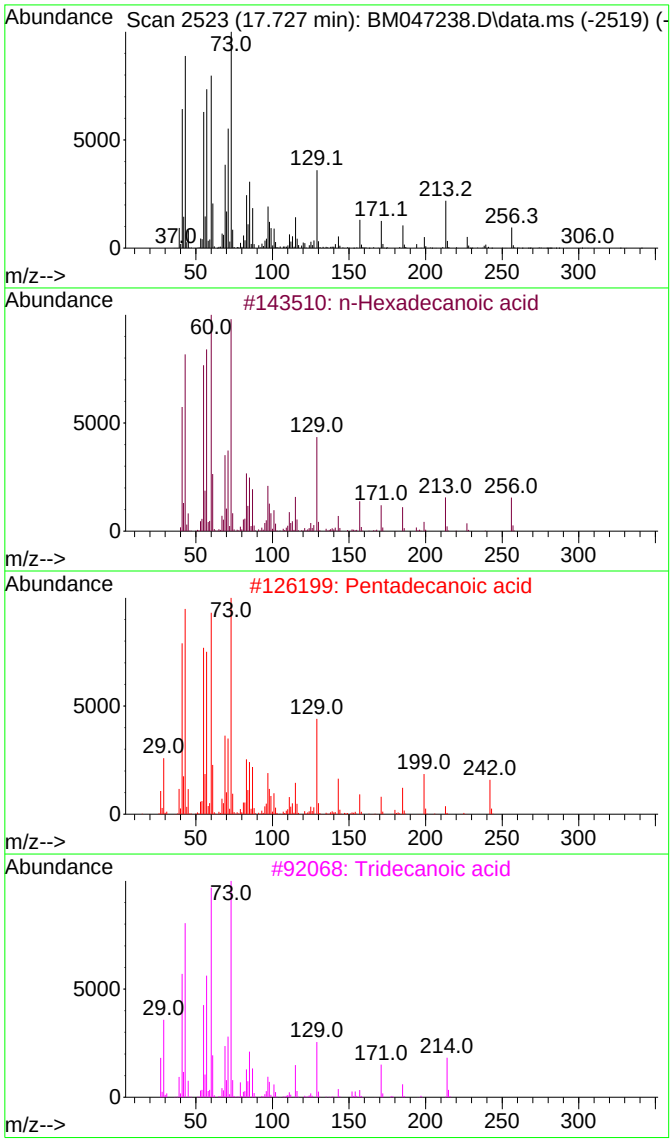
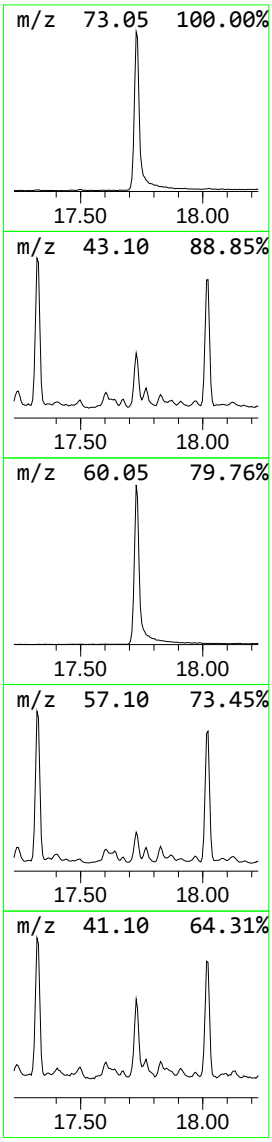
Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	8.59 ng	2760790	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	18





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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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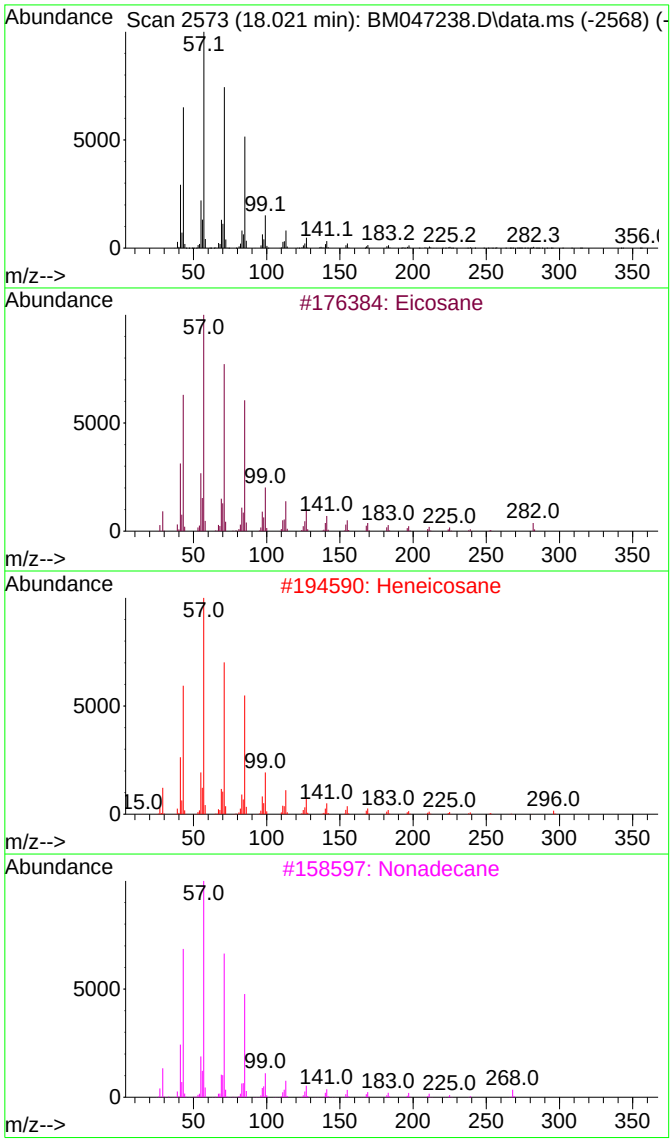
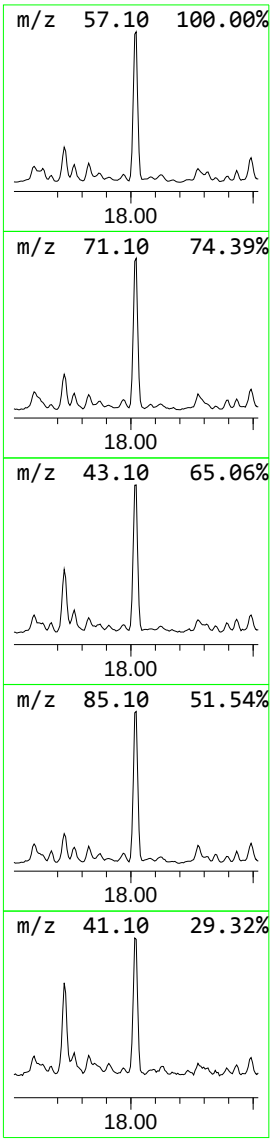
Peak Number 15 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	13.89 ng	4466370	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90





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ALS Vial : 13 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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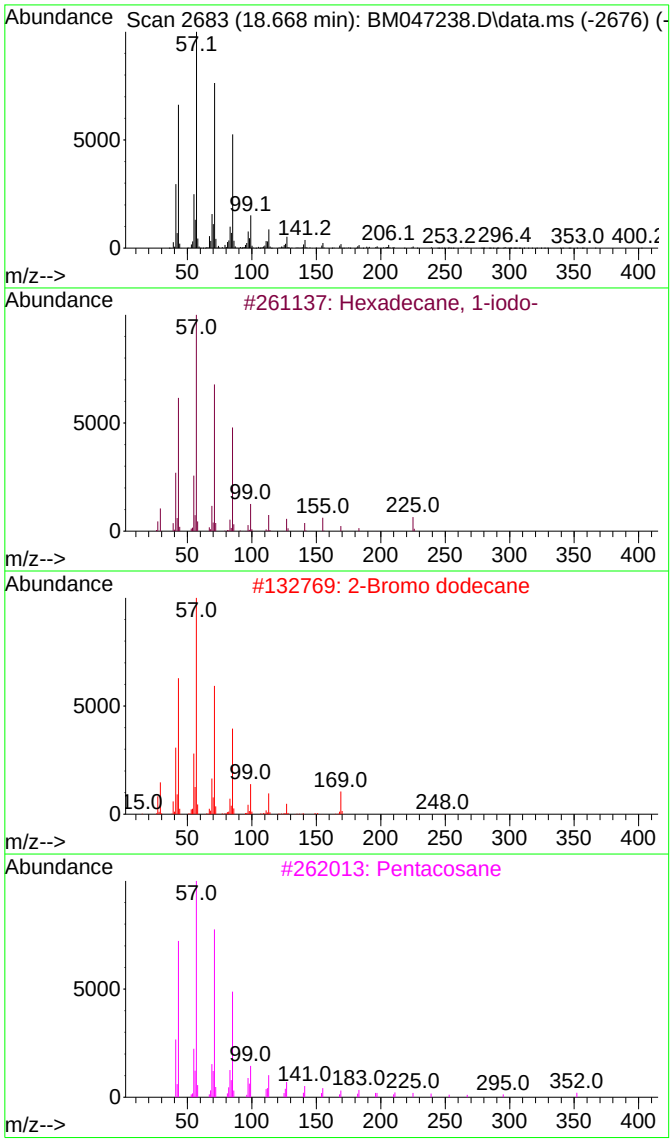
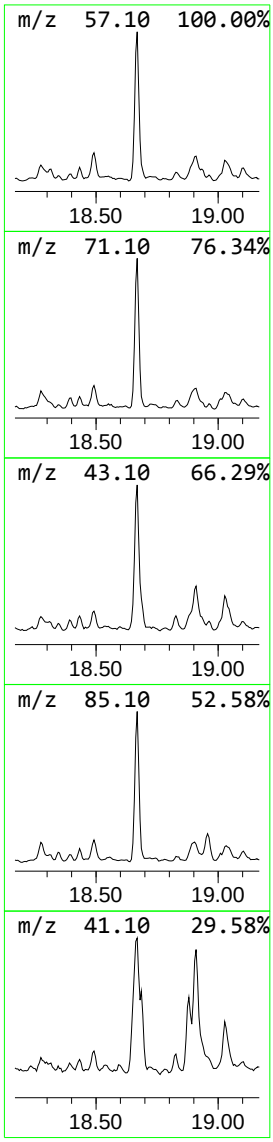
Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	17.66 ng	5679150	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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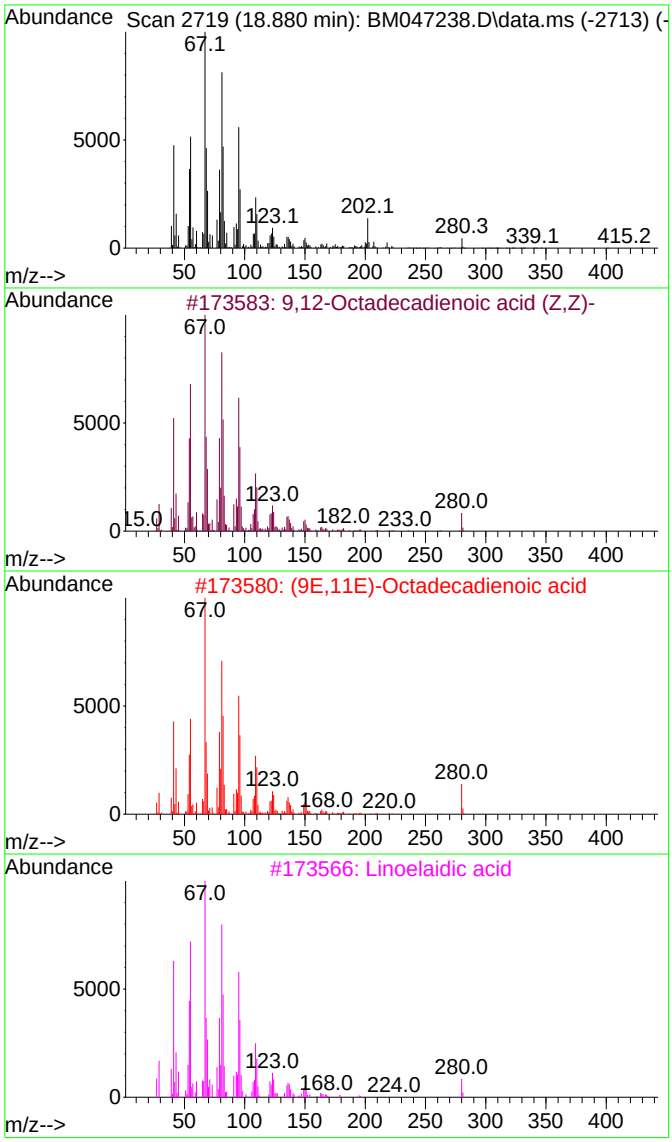
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

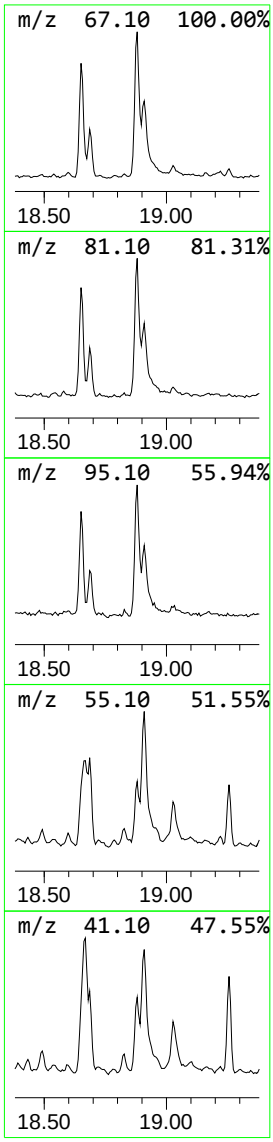
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	9.00 ng	2893320	Phenanthrene-d10	16.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	99
3	Linoelaidic acid	280	C18H32O2	000506-21-8	98
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	91
5	3-Tetradecyne	194	C14H26	060212-32-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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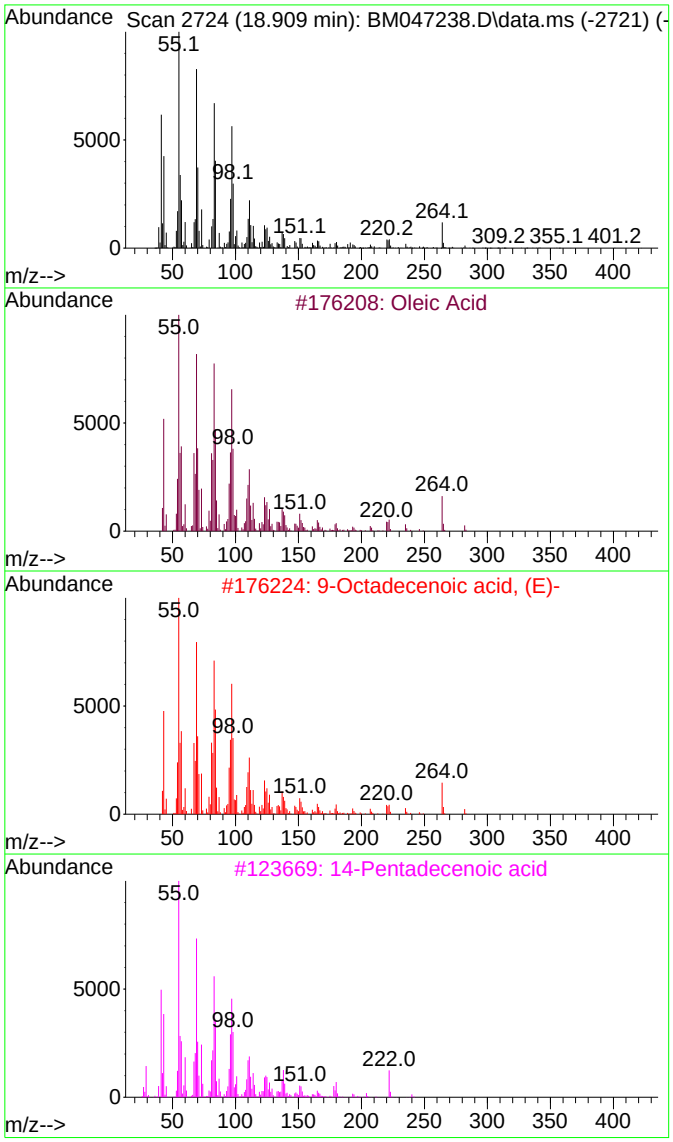
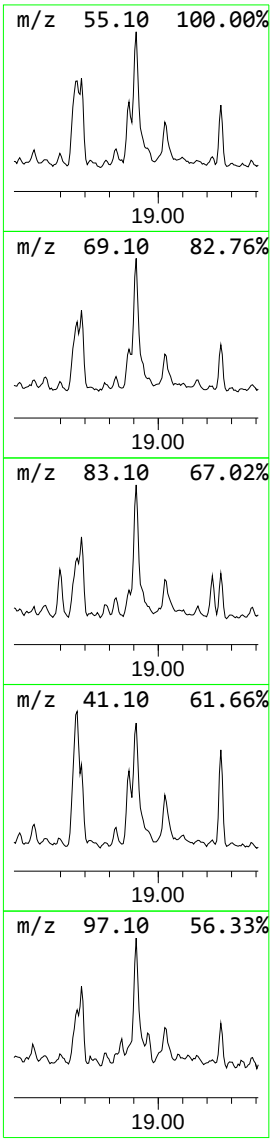
Peak Number 18 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.909	13.73 ng	4789270	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	80
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	66





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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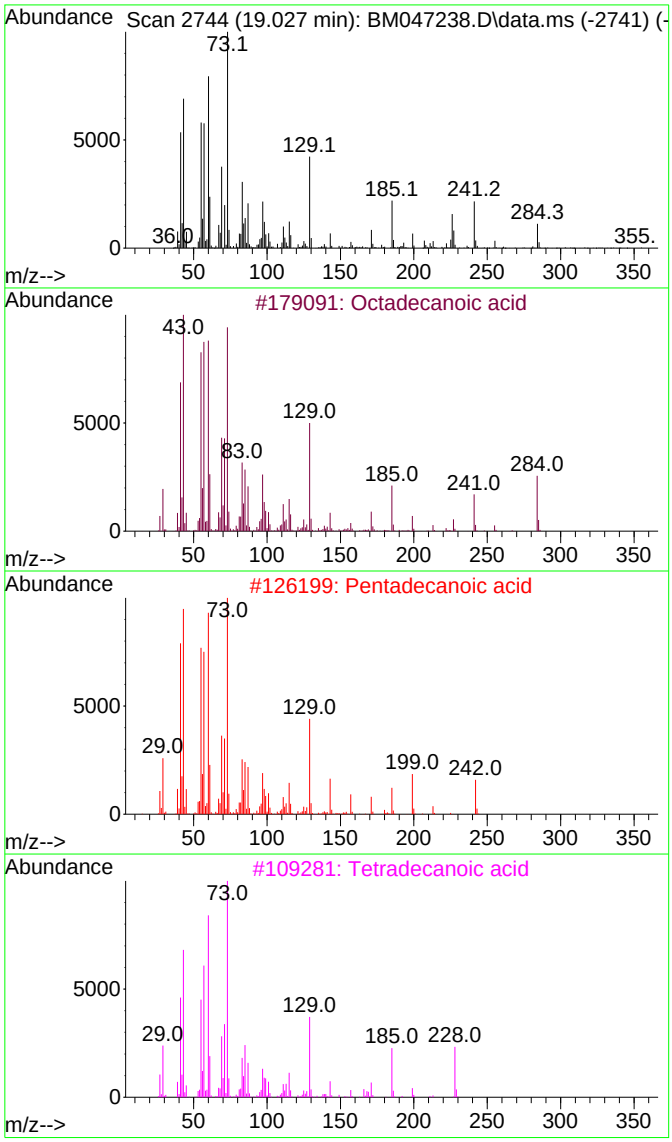
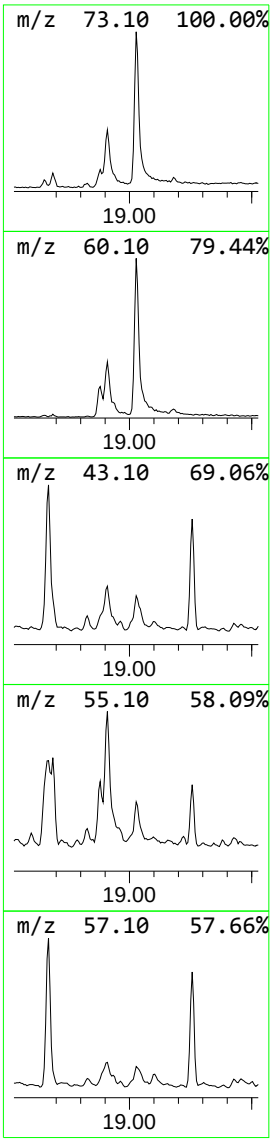
Peak Number 19 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	4.83 ng	1686110	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	41
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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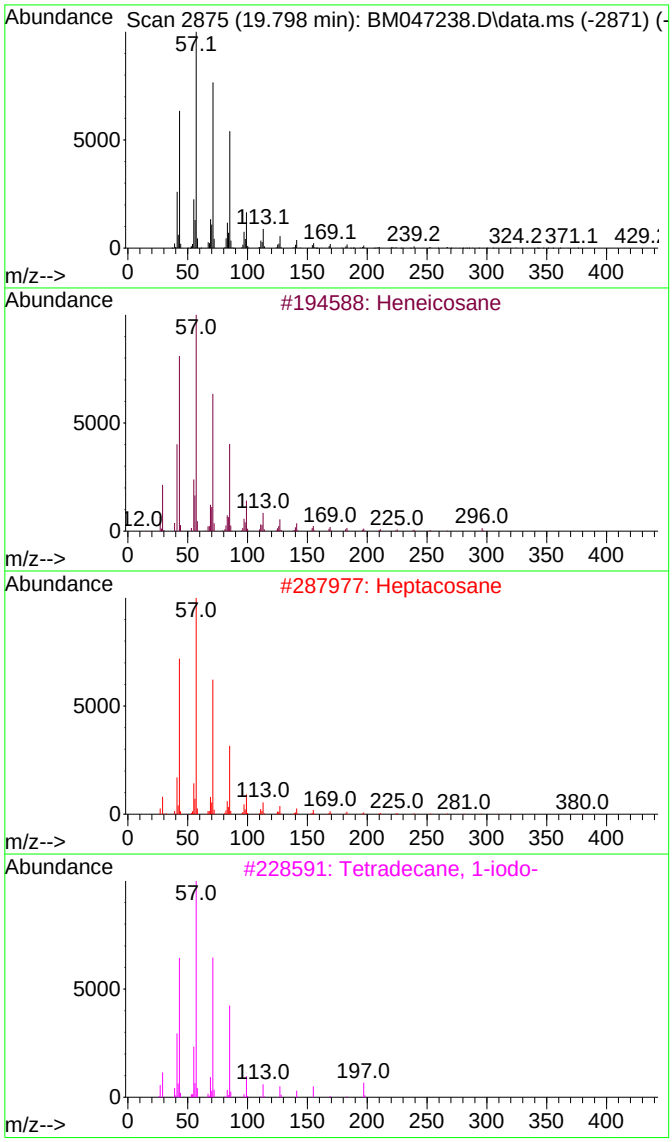
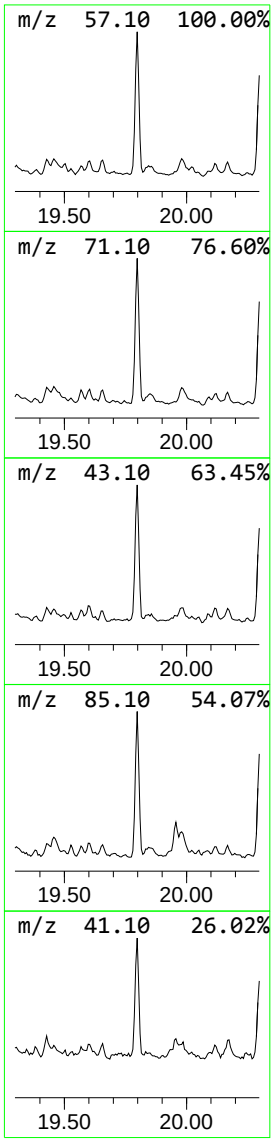
Peak Number 20 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.797	4.91 ng	1712330	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
5	Pentadecane	212	C15H32	000629-62-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047238.D
Acq On : 16 Aug 2024 17:11
Operator : RC/JU
Sample : P3615-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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
Dodecane, 4,6-d...	11.163	4.1	ng	1081070	2	10.122	5273980	20.0
Tridecane	11.575	4.8	ng	1279120	2	10.122	5273980	20.0
Dodecane, 2,6,1...	12.563	4.0	ng	1278070	3	14.027	6466540	20.0
Tetradecane	12.863	6.0	ng	1940390	3	14.027	6466540	20.0
Pentadecane	13.957	8.4	ng	2704810	3	14.027	6466540	20.0
Dodecane, 2-met...	14.580	4.5	ng	1471780	3	14.027	6466540	20.0
9-methylheptade...	14.921	10.9	ng	3510500	3	14.027	6466540	20.0
Pentadecane, 2,...	15.327	8.8	ng	2838510	3	14.027	6466540	20.0
Heneicosane	15.792	18.2	ng	5863240	4	16.786	6431190	20.0
unknown16.145	16.145	4.8	ng	1532970	4	16.786	6431190	20.0
Nonadecane, 9-m...	16.586	15.4	ng	4937730	4	16.786	6431190	20.0
2-Bromo dodecane	16.633	9.3	ng	2981490	4	16.786	6431190	20.0
Tridecane, 1-iodo-	17.321	14.4	ng	4636320	4	16.786	6431190	20.0
n-Hexadecanoic ...	17.727	8.6	ng	2760790	4	16.786	6431190	20.0
Eicosane	18.021	13.9	ng	4466370	4	16.786	6431190	20.0
Hexadecane, 1-i...	18.668	17.7	ng	5679150	4	16.786	6431190	20.0
9,12-Octadecadi...	18.880	9.0	ng	2893320	4	16.786	6431190	20.0
Oleic Acid	18.909	13.7	ng	4789270	5	21.027	6978910	20.0
Octadecanoic acid	19.027	4.8	ng	1686110	5	21.027	6978910	20.0
Heptacosane	19.797	4.9	ng	1712330	5	21.027	6978910	20.0