LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

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_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	3	19	34	rVB	280199	624983	5.16%	0.357%
2	5.516	574	583	594	rBV	3955368	4128898	34.10%	2.356%
3	6.522	745	754	762	rBV	3595286	4349574	35.93%	2.482%
4	6.716	784	787	792	rVB2	104354	134259	1.11%	0.077%
5	6.892	813	817	820	rBV	1279422	1005688	8.31%	0.574%
6	7.010	833	837	840	rBV	208549	178856	1.48%	0.102%
7	7.163	858	863	866	rVB2	260557	252148	2.08%	0.144%
8	7.328	887	891	893	rBV	301645	252194	2.08%	0.144%
9	7.457	905	913	916	rBV	2689126	3030423	25.03%	1.729%
10	7.486	916	918	922	rVV	629017	531674	4.39%	0.303%
11	7.528	922	925	930	rVV3	139790	130252	1.08%	0.074%
12	7.810	969	973	978	rBV6	83538	126278	1.04%	0.072%
13	7.916	988	991	994	rVV3	127657	134271	1.11%	0.077%
14	8.175	1030	1035	1038	rBV	1525304	1576275	13.02%	0.899%
15	8.598	1103	1107	1109	rVV3	190379	206223	1.70%	0.118%
16	8.622	1109	1111	1114	rVV	772013	597405	4.93%	0.341%
17	8.681	1117	1121	1124	rBV3	226972	250245	2.07%	0.143%
18	8.781	1135	1138	1140	rVV	1021525	902668	7.46%	0.515%
19	8.804	1140	1142	1144	rVB	204219	148547	1.23%	0.085%
20	8.869	1150	1153	1155	rBV	330258	364052	3.01%	0.208%
21	8.898	1155	1158	1161	rVB	1662897	1496050	12.36%	0.854%
22	8.957	1165	1168	1170	rBV2	174763	168575	1.39%	0.096%
23	9.004	1170	1176	1178	rBV2	294786	350213	2.89%	0.200%
24	9.139	1193	1199	1202	rBV2	374346	411494	3.40%	0.235%
25	9.198	1207	1209	1211	rBV2	137087	127146	1.05%	0.073%
26	9.257	1214	1219	1222	rBV	6154817	5545126	45.80%	3.164%
27	9.333	1228	1232	1236	rBV	596747	751632	6.21%	0.429%
28	9.410	1242	1245	1247	rVB	313563	257149	2.12%	0.147%
29	9.580	1269	1274	1278	rBV5	362901	761071	6.29%	0.434%
30	9.657	1283	1287	1289	rBV4	409100	614171	5.07%	0.350%
31	9.751	1301	1303	1307	rVB3	202948	210452	1.74%	0.120%
32	9.816	1309	1314	1316	rBV	1586569	1604523	13.25%	0.915%
33	9.851	1318	1320	1325	rVB3	414763	507995	4.20%	0.290%
34	9.939	1331	1335	1337	rBV	1961383	1721939	14.22%	0.982%
35	9.969	1337	1340	1342	rVB	1871645	1583505	13.08%	0.903%
36	10.045	1348	1353	1358	rVB	3123948	3551641	29.34%	2.026%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

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_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.104	1360	1363	1365	rBV2	414449	438139	3.62%	0.250%
38	10.198	1376	1379	1382	rVB3	337540	401408	3.32%	0.229%
39	10.257	1386	1389	1391	rBV	711727	649255	5.36%	0.370%
40	10.351	1403	1405	1406	rBV	353058	270876	2.24%	0.155%
41	10.369	1406	1408	1411	rVB	878174	745244	6.16%	0.425%
42	10.592	1444	1446	1453	rVB	498289	453752	3.75%	0.259%
43	10.651	1453	1456	1459	rVB2	428318	407947	3.37%	0.233%
44	10.733	1466	1470	1473	rBV	2529802	2394794	19.78%	1.366%
45	10.863	1487	1492	1497	rBV	2799177	3132110	25.87%	1.787%
46	10.998	1512	1515	1518	rBV	2606280	2226830	18.39%	1.271%
47	11.063	1522	1526	1531	rVB	4770923	4631209	38.25%	2.642%
48	11.298	1564	1566	1569	rBV	984690	950020	7.85%	0.542%
49	11.333	1569	1572	1577	rVB	1232348	1252428	10.34%	0.715%
50	11.433	1586	1589	1594	rBV	1563840	1638710	13.54%	0.935%
51	11.792	1647	1650	1653	rVB	1800171	1592937	13.16%	0.909%
52	11.921	1669	1672	1674	rBV	2306074	2072970	17.12%	1.183%
53	11.969	1676	1680	1684	rVB2	5531400	7514666	62.07%	4.288%
54	12.139	1707	1709	1713	rVB	1264336	1004830	8.30%	0.573%
55	12.227	1722	1724	1730	rVB	782569	938982	7.76%	0.536%
56	12.627	1790	1792	1796	rVB	1643243	1575696	13.02%	0.899%
57	12.751	1809	1813	1817	rBV2	3259794	5821740	48.09%	3.322%
58	12.786	1817	1819	1823	rVB	4666032	4606949	38.05%	2.629%
59	12.904	1836	1839	1840	rBV	839420	697284	5.76%	0.398%
60	12.921	1840	1842	1844	rVB	1115367	814802	6.73%	0.465%
61	13.033	1856	1861	1864	rBV	6280138	6547292	54.08%	3.736%
62	13.257	1897	1899	1902	rVB	1916087	1515749	12.52%	0.865%
63	13.386	1918	1921	1927	rVB	1646098	1702423	14.06%	0.971%
64	13.504	1937	1941	1943	rBV2	2887385	2951103	24.38%	1.684%
65	13.533	1943	1946	1952	rVB	4782202	5379575	44.43%	3.069%
66	13.604	1955	1958	1960	rBV	2316138	2001937	16.54%	1.142%
67	13.933	2011	2014	2020	rVB	3234461	3106431	25.66%	1.772%
68	14.086	2037	2040	2042	rBV	2425588	2155733	17.81%	1.230%
69	14.192	2055	2058	2060	rBV	1866756	2086355	17.23%	1.190%
70	14.215	2060	2062	2064	rVV	4640994	4129593	34.11%	2.356%
71	14.251	2064	2068	2072	rVB	3279430	3721286	30.74%	2.123%
72	14.345	2082	2084	2089	rVB	810781	810620	6.70%	0.463%
73	14.557	2116	2120	2123	rBV	3396750	2981827	24.63%	1.701%
74	14.733	2148	2150	2157	rVB	998246	1278171	10.56%	0.729%
75	14.868	2167	2173	2176	rBV	5411257	7611672	62.87%	4.343%
76	15.215	2228	2232	2243	rVB	2858339	3627878	29.97%	2.070%

LSC Area Percent Report

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Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

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_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.480	2274	2277	2280	rVB	623746	719554	5.94%	0.411%
78	15.580	2291	2294	2296	rBV	740101	913559	7.55%	0.521%
79	15.615	2296	2300	2302	rVV	2038704	3179495	26.26%	1.814%
80	15.645	2302	2305	2309	rVB	2589531	3507023	28.97%	2.001%
81	16.057	2371	2375	2382	rVB	1516948	2322968	19.19%	1.325%
82	16.451	2438	2442	2448	rVB	492192	807994	6.67%	0.461%
83	16.586	2460	2465	2472	rBV	775327	1508694	12.46%	0.861%
84	16.674	2473	2480	2486	rBV2	2223598	4908735	40.55%	2.801%
85	17.133	2552	2558	2564	rVB2	1366127	2950462	24.37%	1.683%
86	17.939	2689	2695	2704	rVB2	519436	1347694	11.13%	0.769%
87	18.115	2716	2725	2733	rBV2	1590171	4565805	37.71%	2.605%
88	18.733	2813	2830	2852	rVB2	2894165	12106747	100.00%	6.908%

Sum of corrected areas: 175267548

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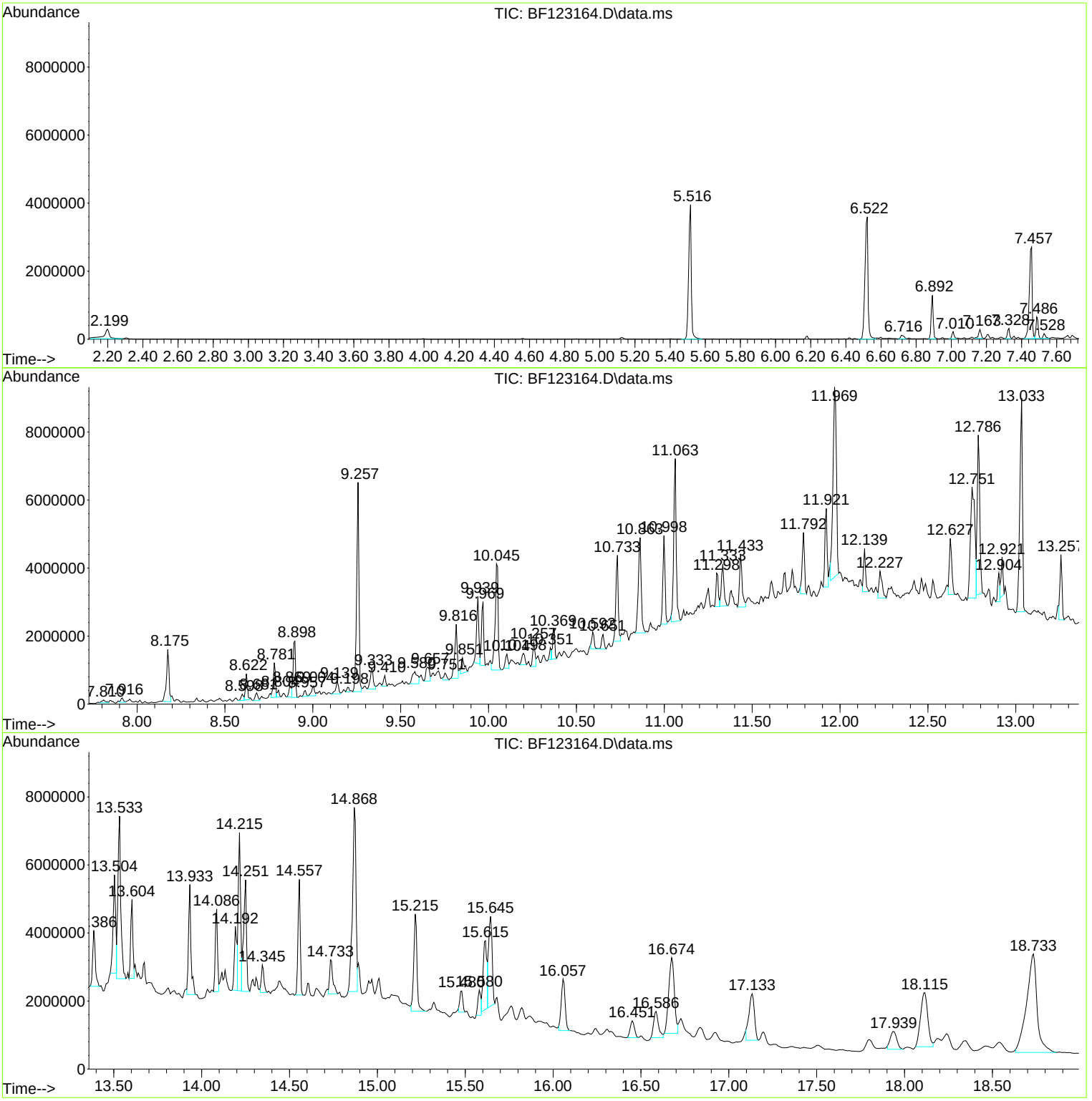
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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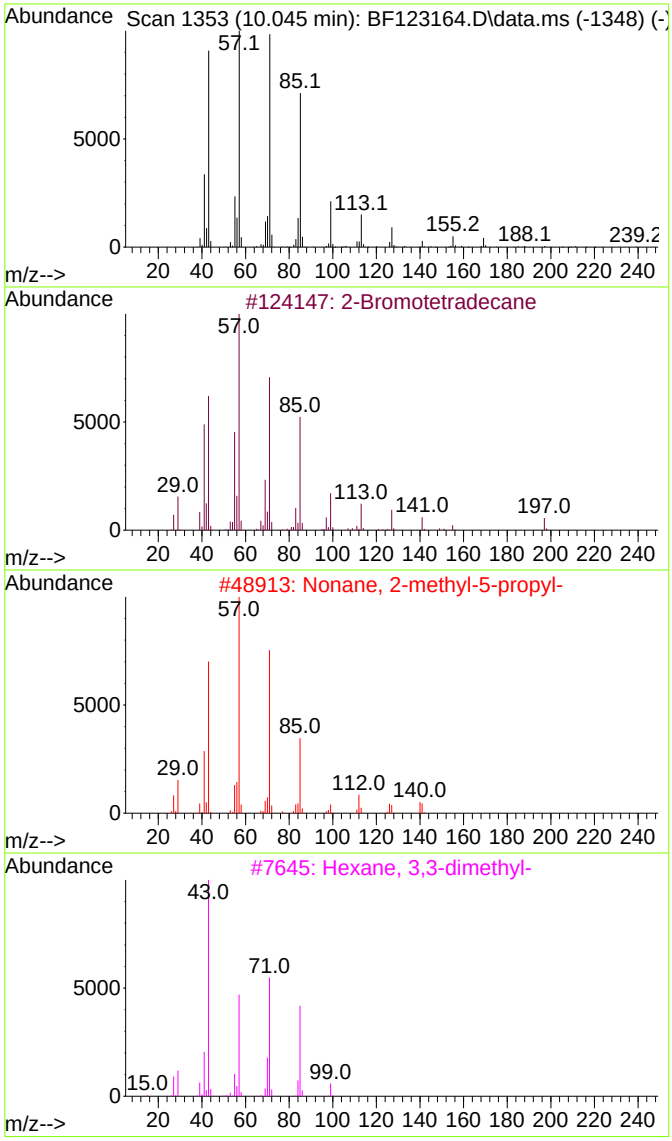
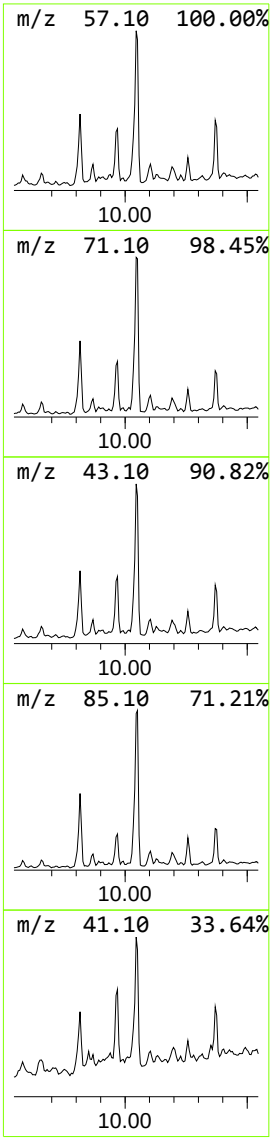
Peak Number 1 Nonane, 2-methyl-5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	41.25 ng	3551640	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	78
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

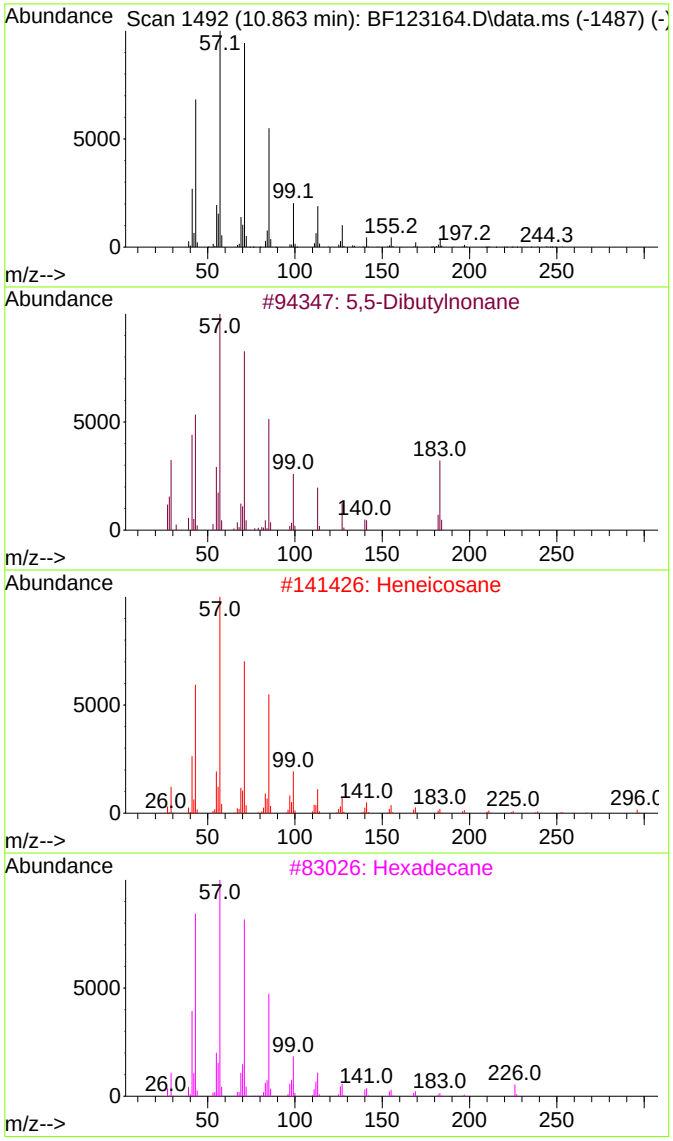
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

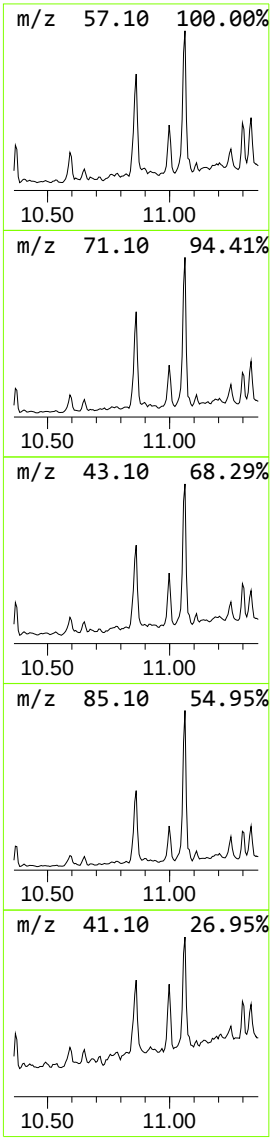
****

Peak Number 2 5,5-Dibutylnonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	38.23 ng	3132110	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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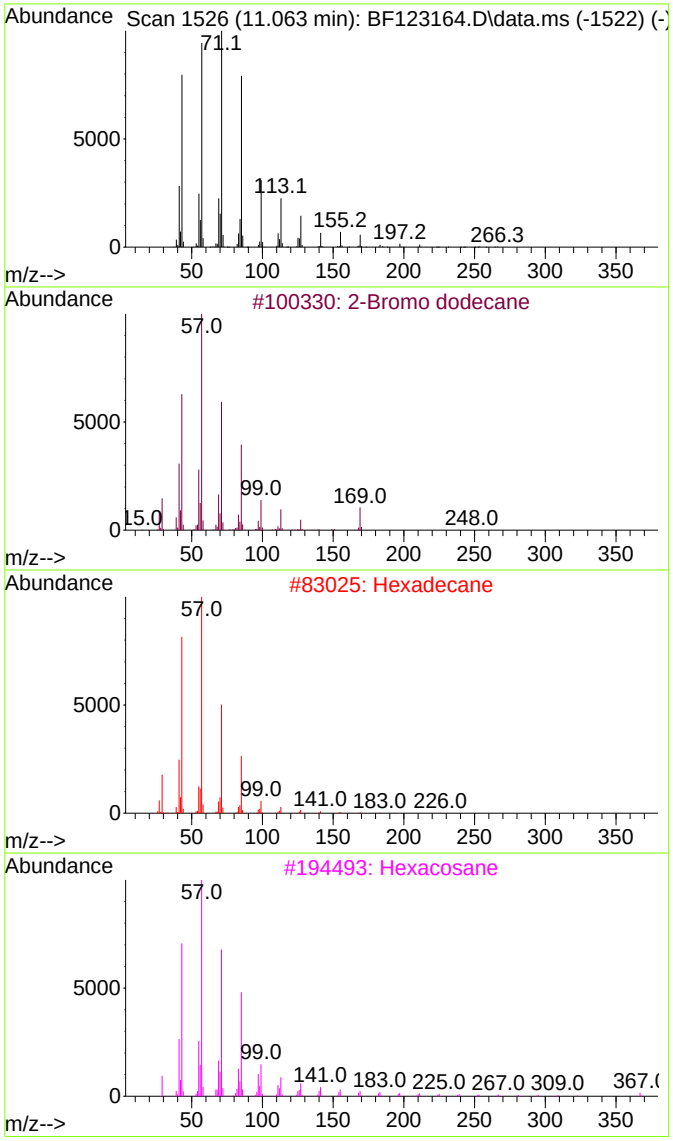
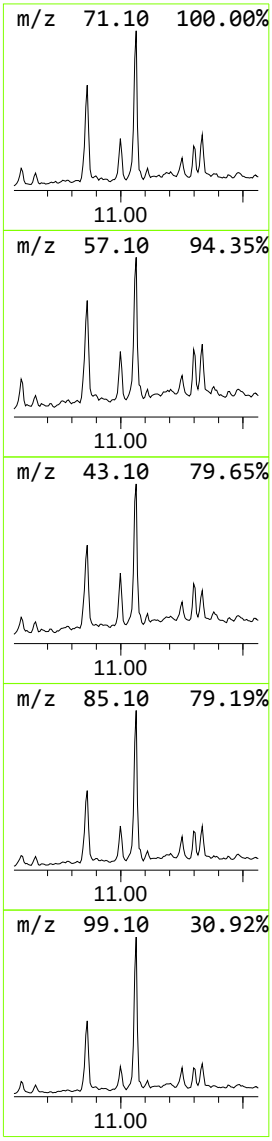
Peak Number 3 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	56.52 ng	4631210	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexacosane	366	C26H54	000630-01-3	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5	1-Iodoundecane	282	C11H23I	004282-44-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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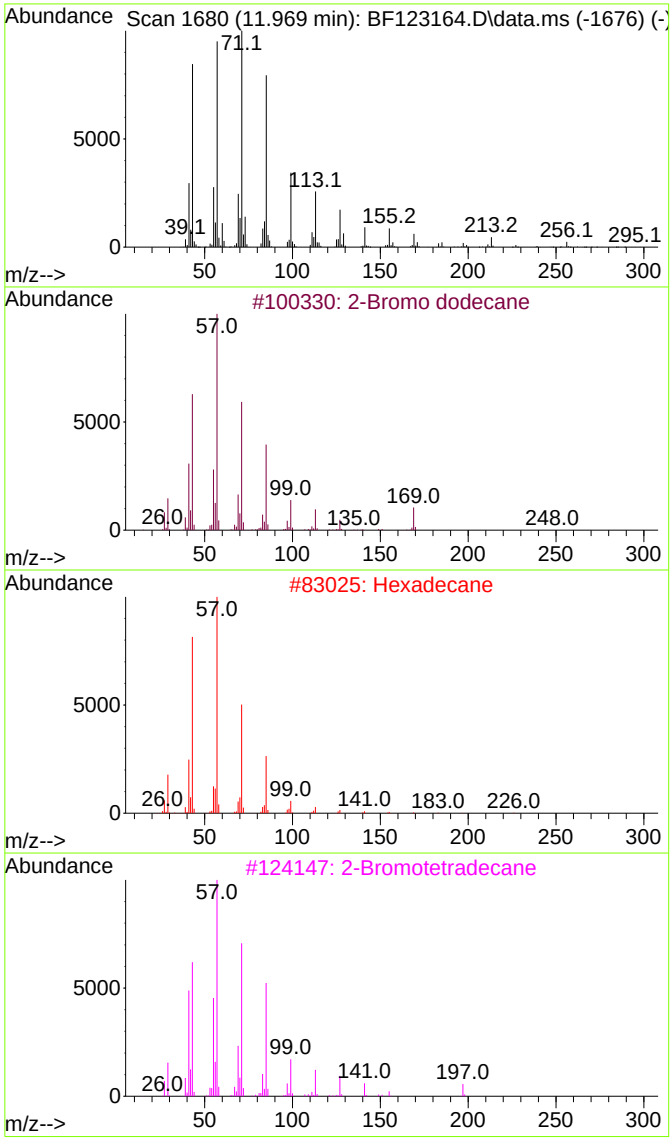
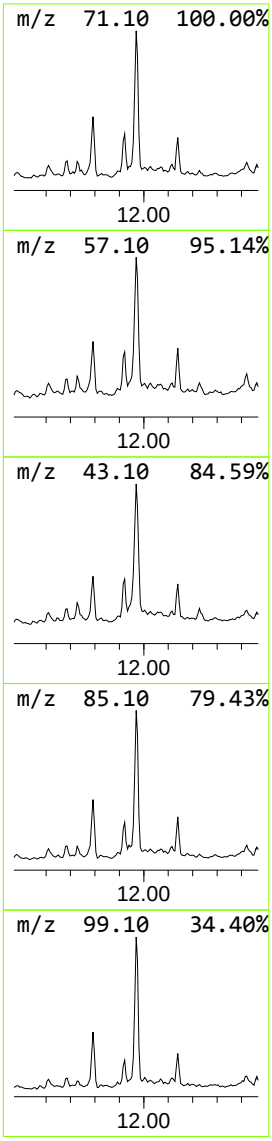
Peak Number 4 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	91.71 ng	7514670	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Hexadecane	226	C16H34	000544-76-3	72
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	55
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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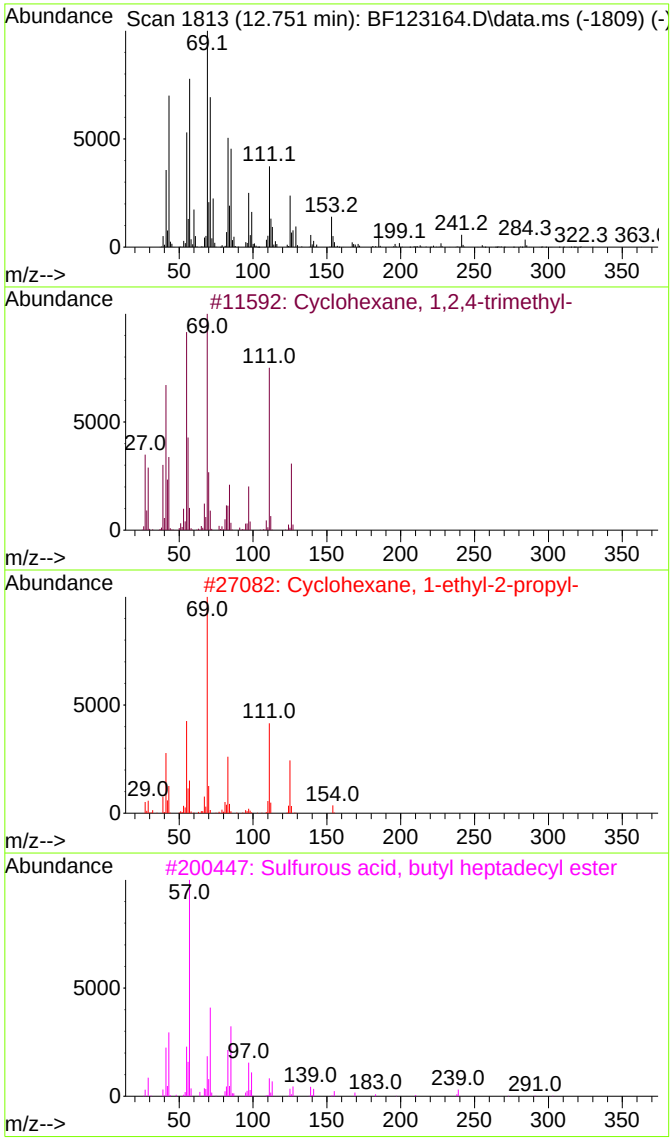
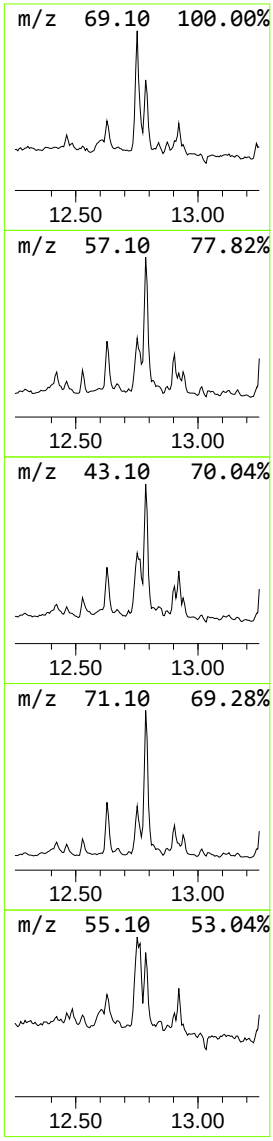
Peak Number 5 unknown12.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	71.05 ng	5821740	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	30
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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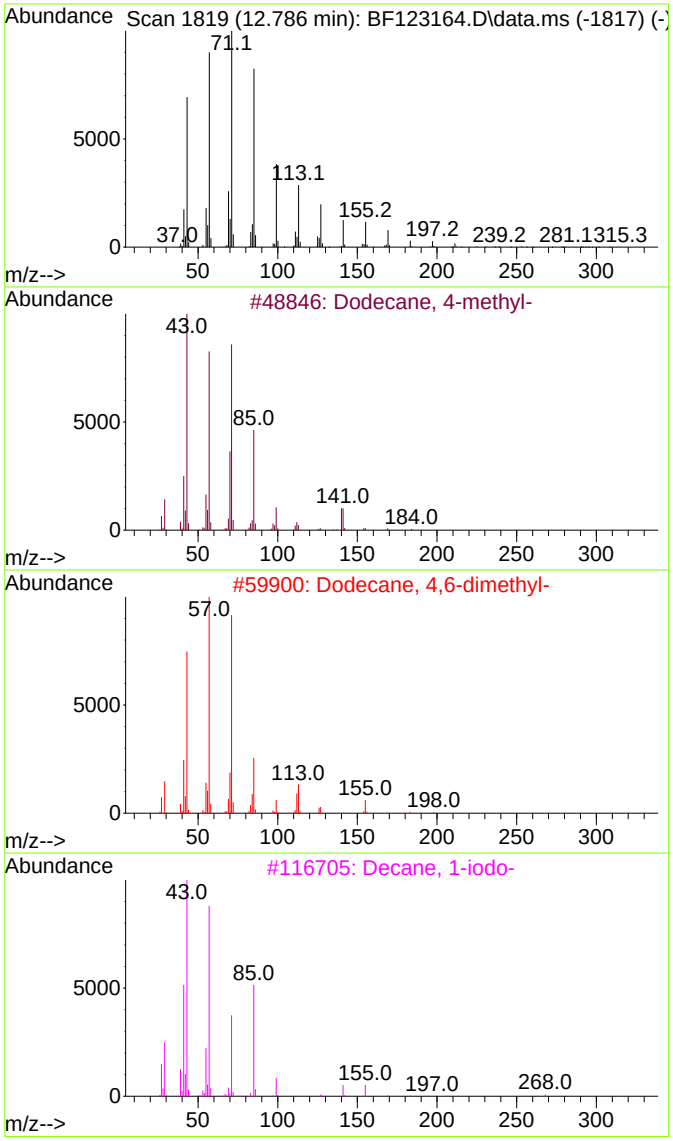
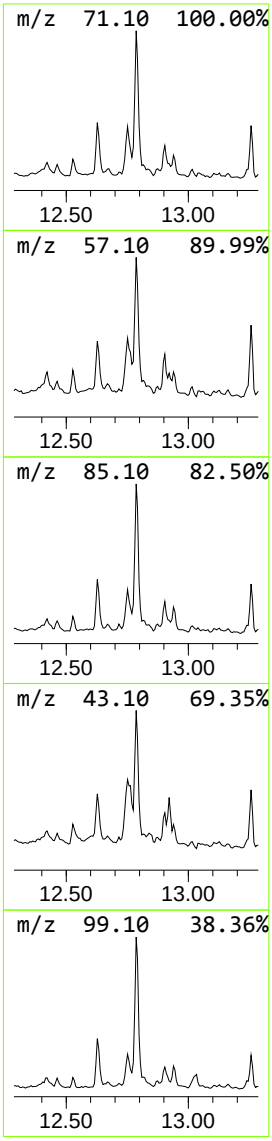
Peak Number 6 Dodecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	42.74 ng	4606950	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	45
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	43
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	38
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	38





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Operator : JU/CG
Sample : M1340-01
Misc :
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Instrument :
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ClientSampleId :
CHRT-26586

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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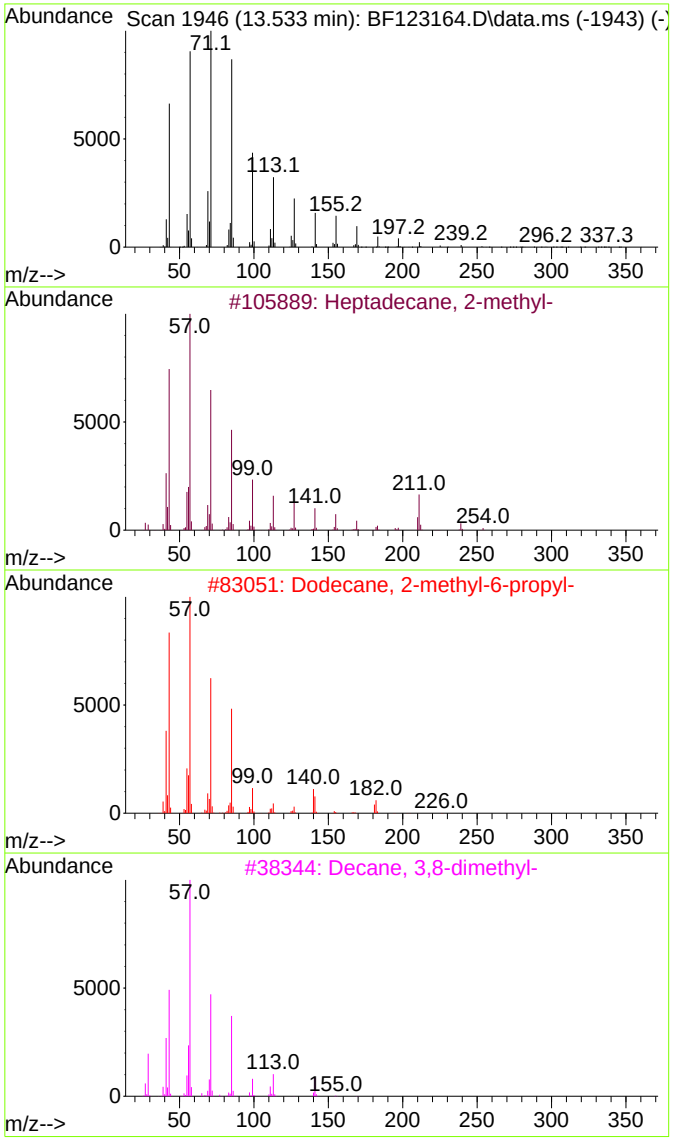
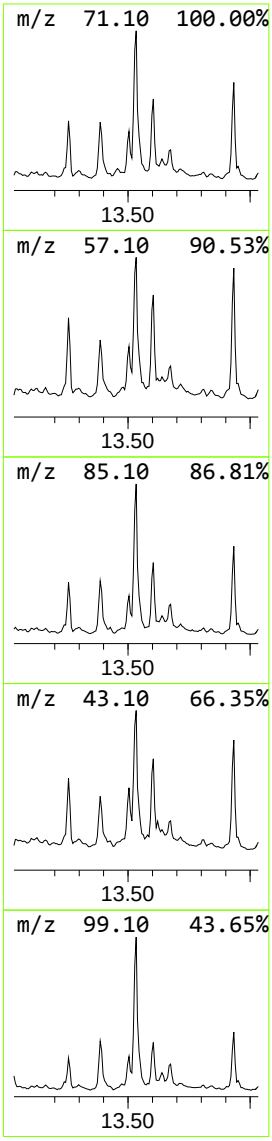
Peak Number 7 Heptadecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	49.91 ng	5379580	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	78
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	46
5	3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	38





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Sample : M1340-01
Misc :
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ClientSampleId :
CHRT-26586

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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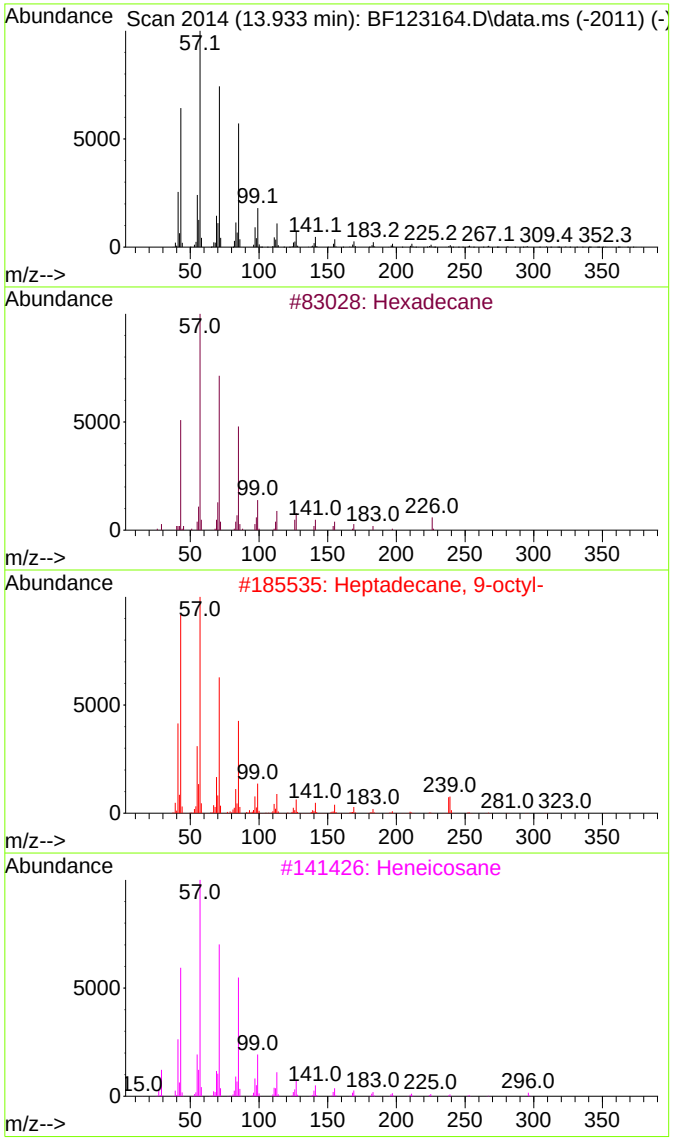
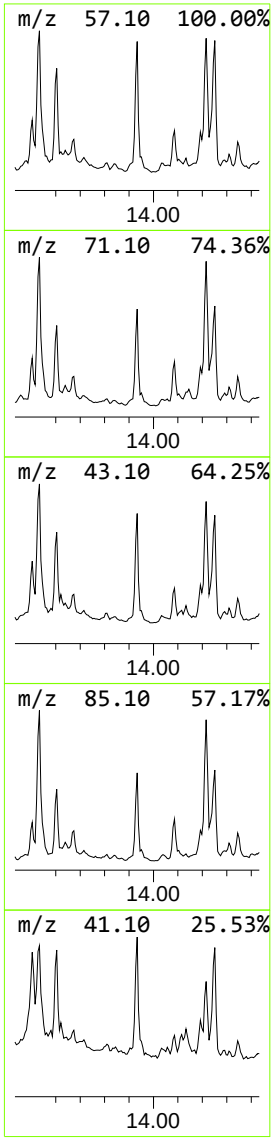
Peak Number 8 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	28.82 ng	3106430	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	91





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Misc :
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BNA_F
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CHRT-26586

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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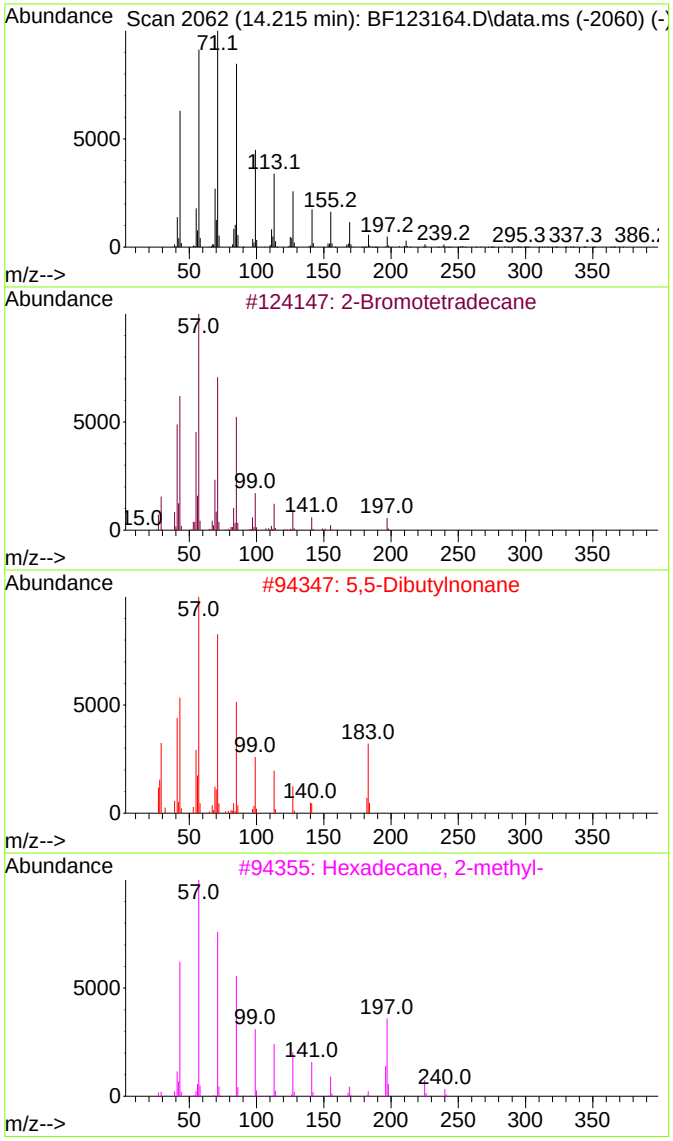
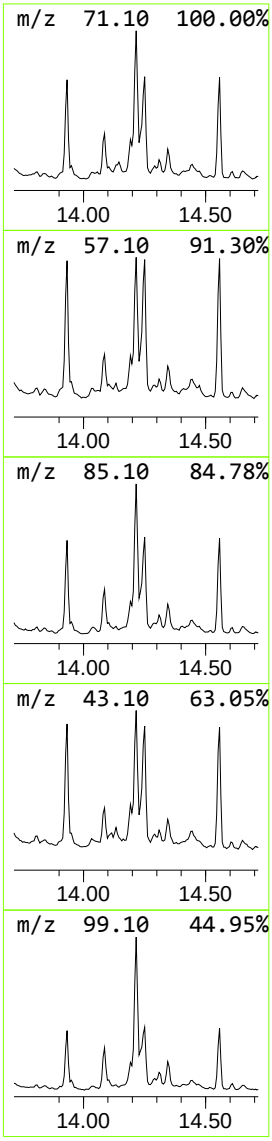
Peak Number 9 2-Bromotetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.215	38.31 ng	4129590	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	53





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Misc :
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ClientSampleId :
CHRT-26586

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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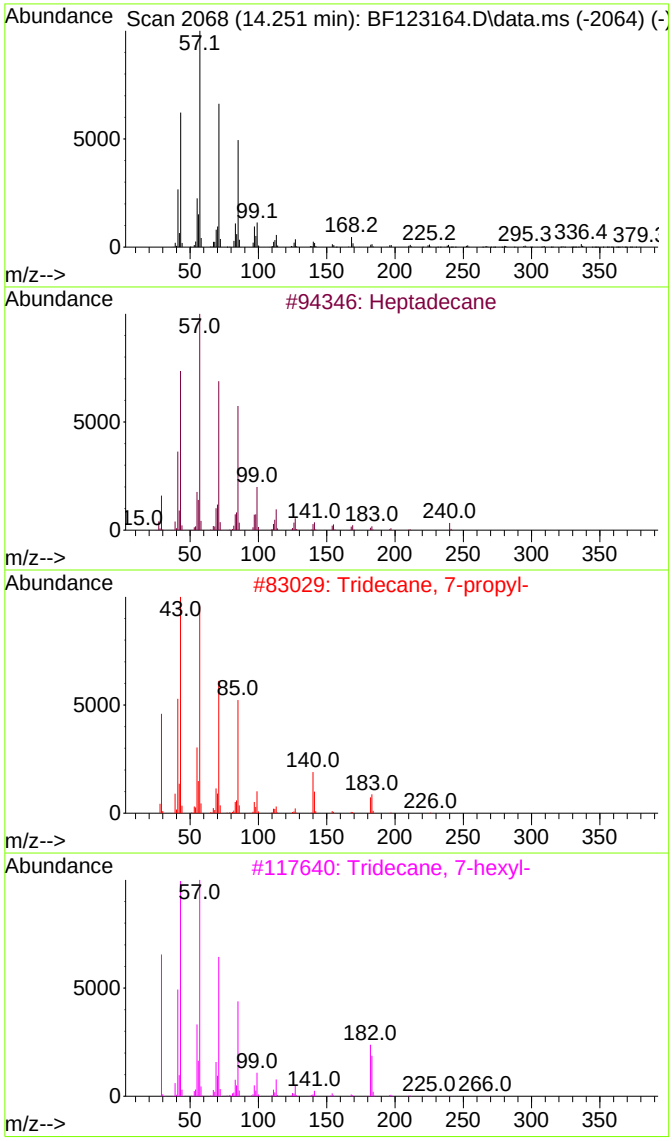
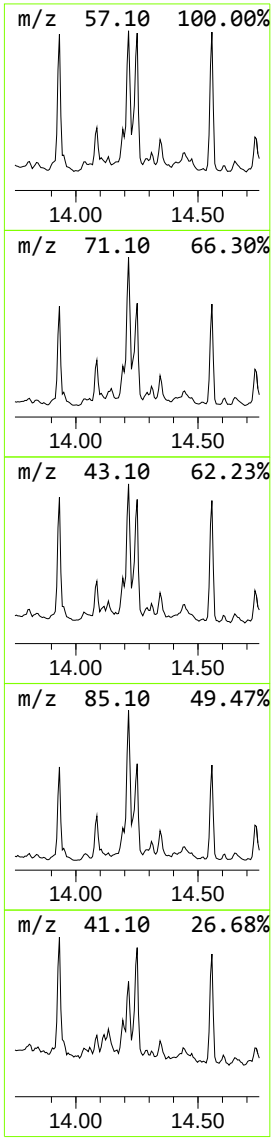
Peak Number 10 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	34.52 ng	3721290	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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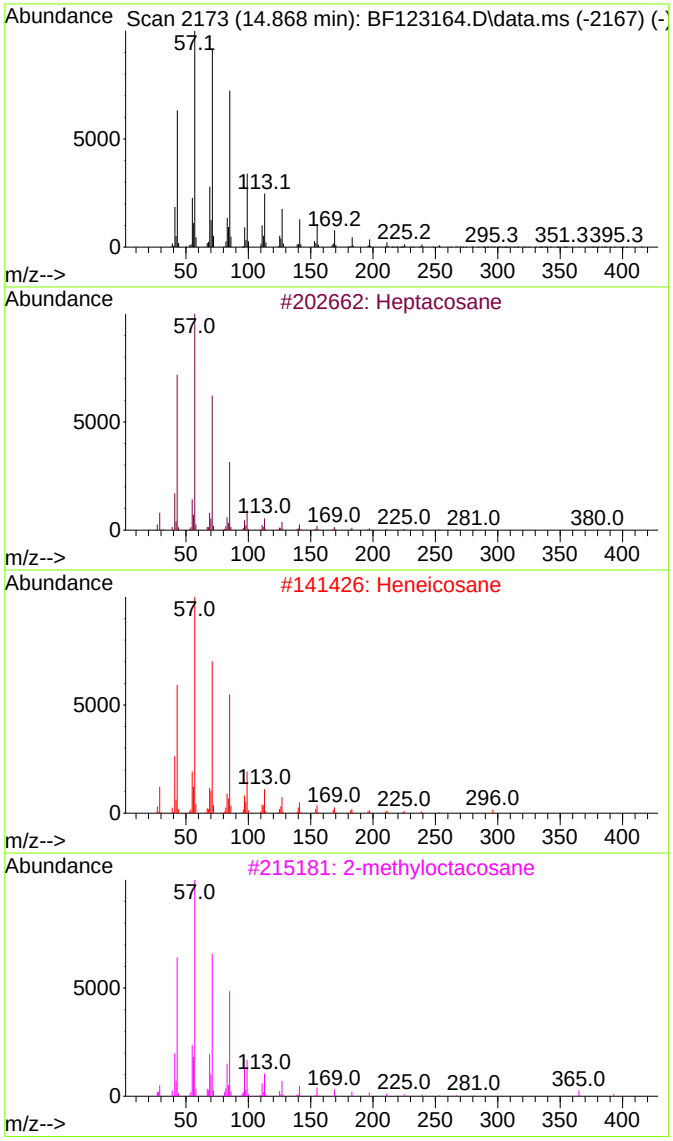
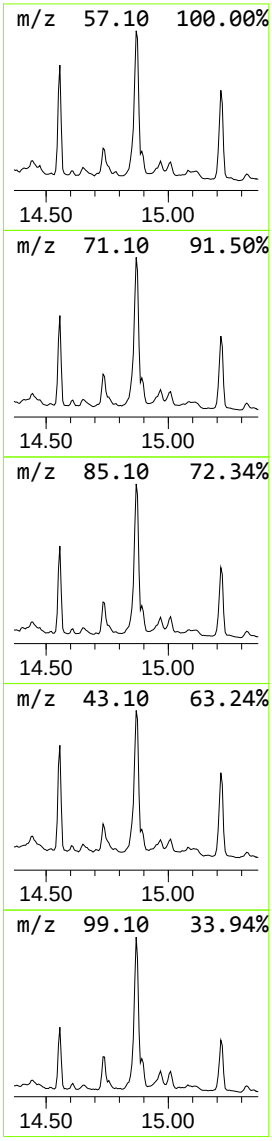
Peak Number 11 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	166.64 ng	7611670	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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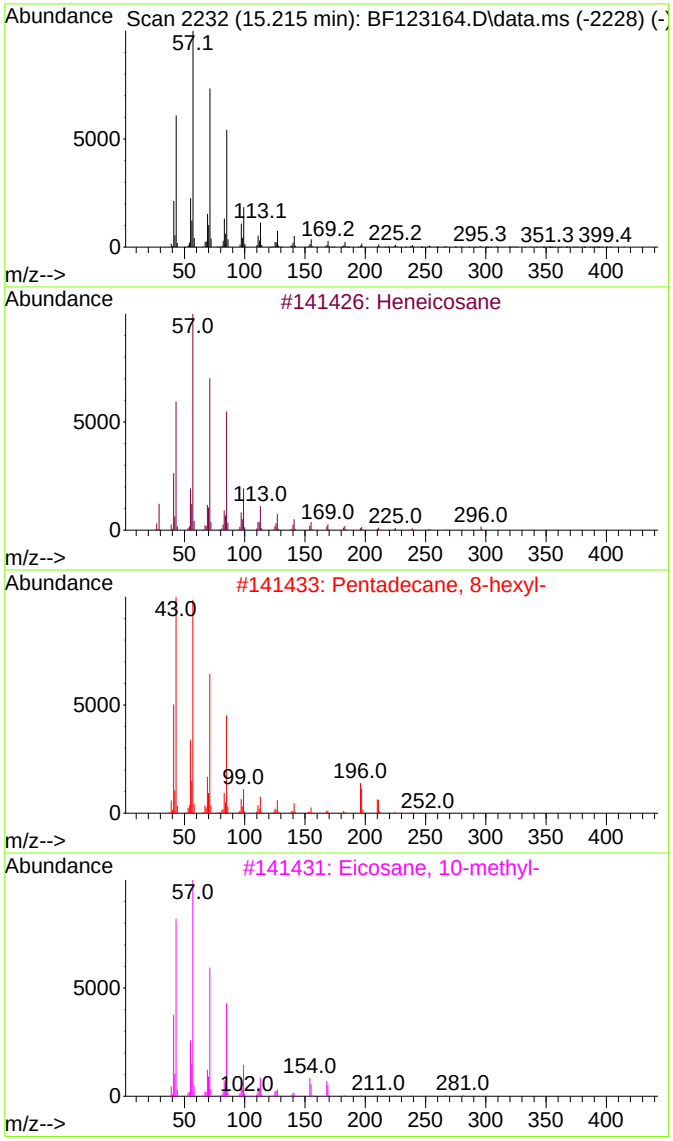
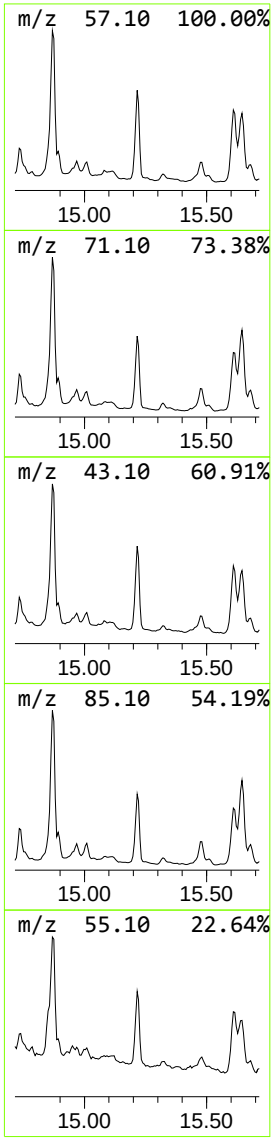
Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	79.42 ng	3627880	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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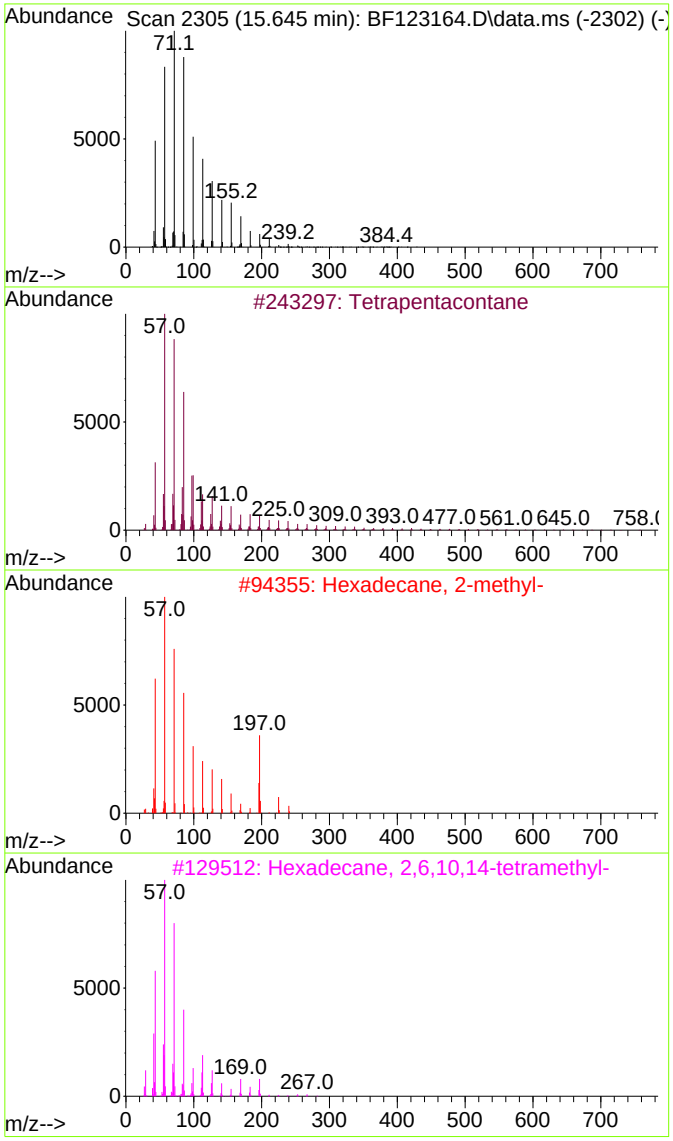
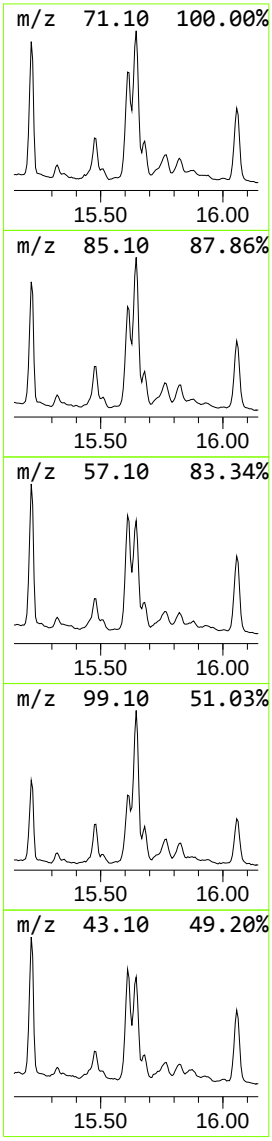
Peak Number 13 Tetrapentacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	76.78 ng	3507020	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane	759	C54H110	005856-66-6	78
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	78
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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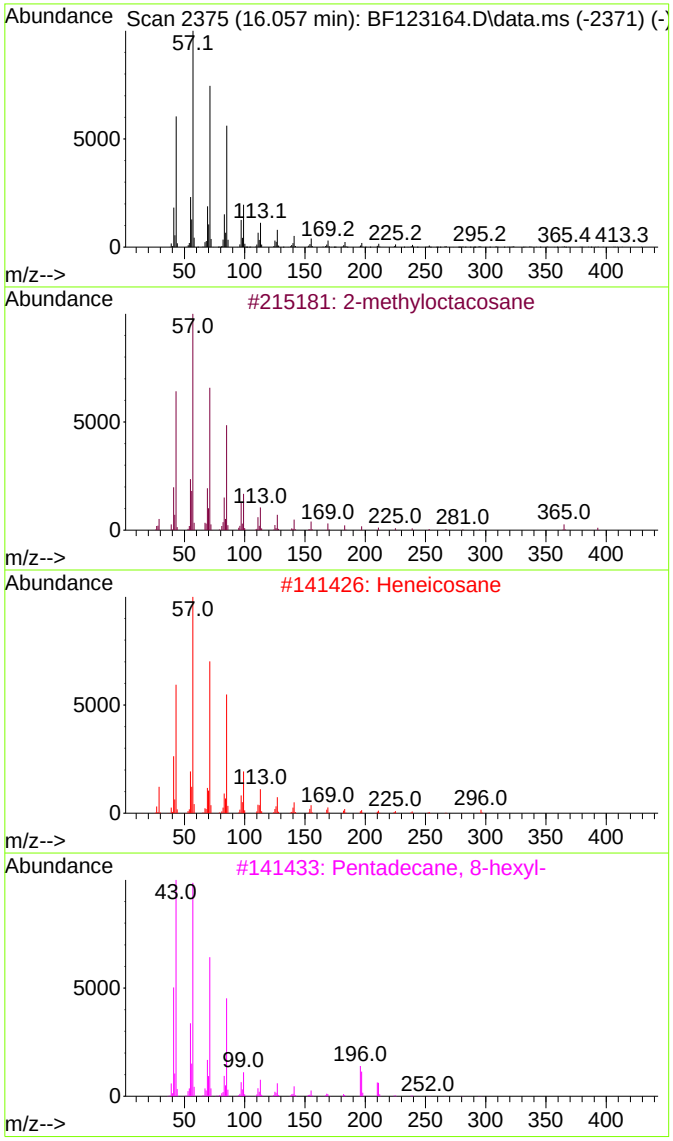
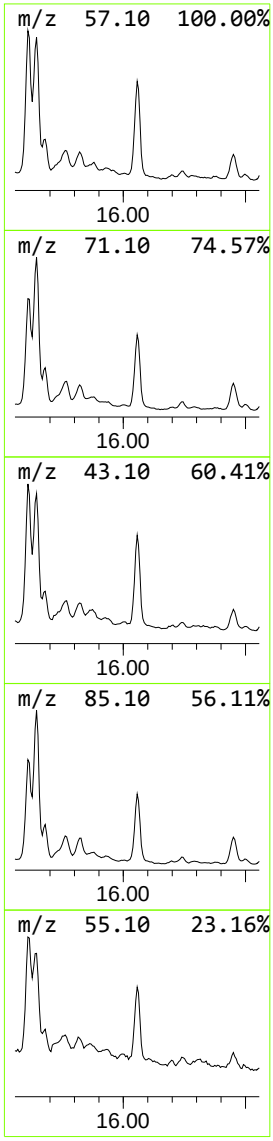
Peak Number 14 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	50.86 ng	2322970	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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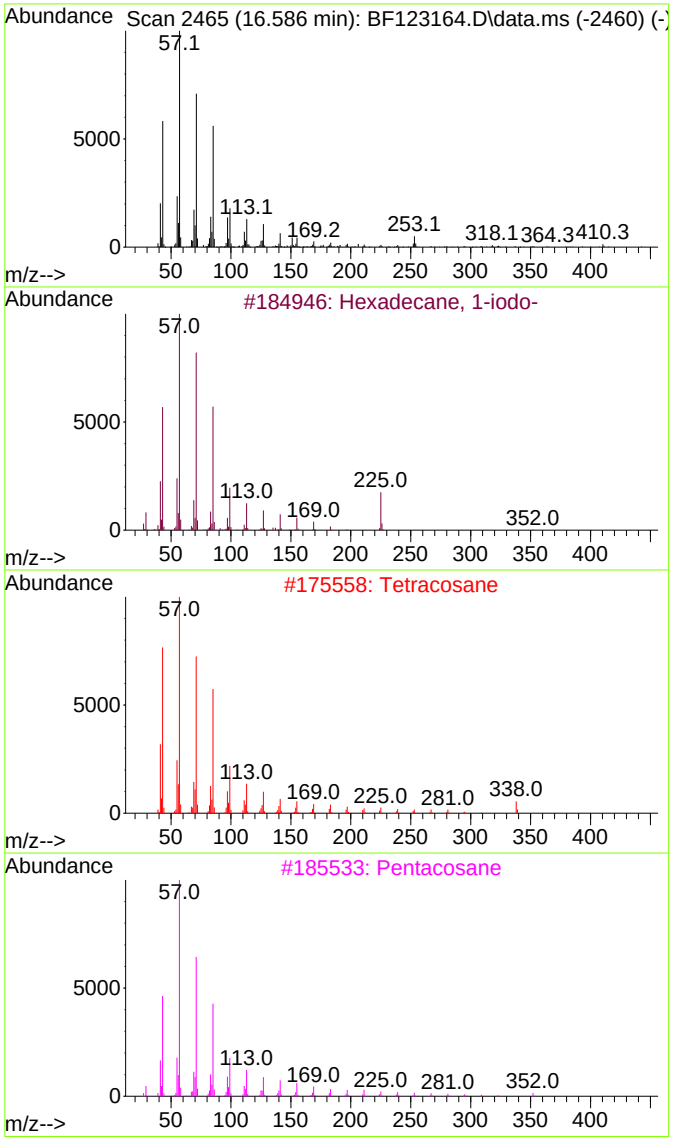
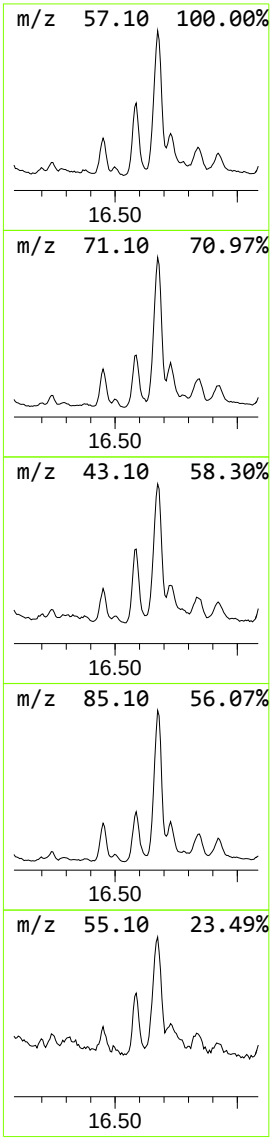
Peak Number 15 Hexadecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.586	33.03 ng	1508690	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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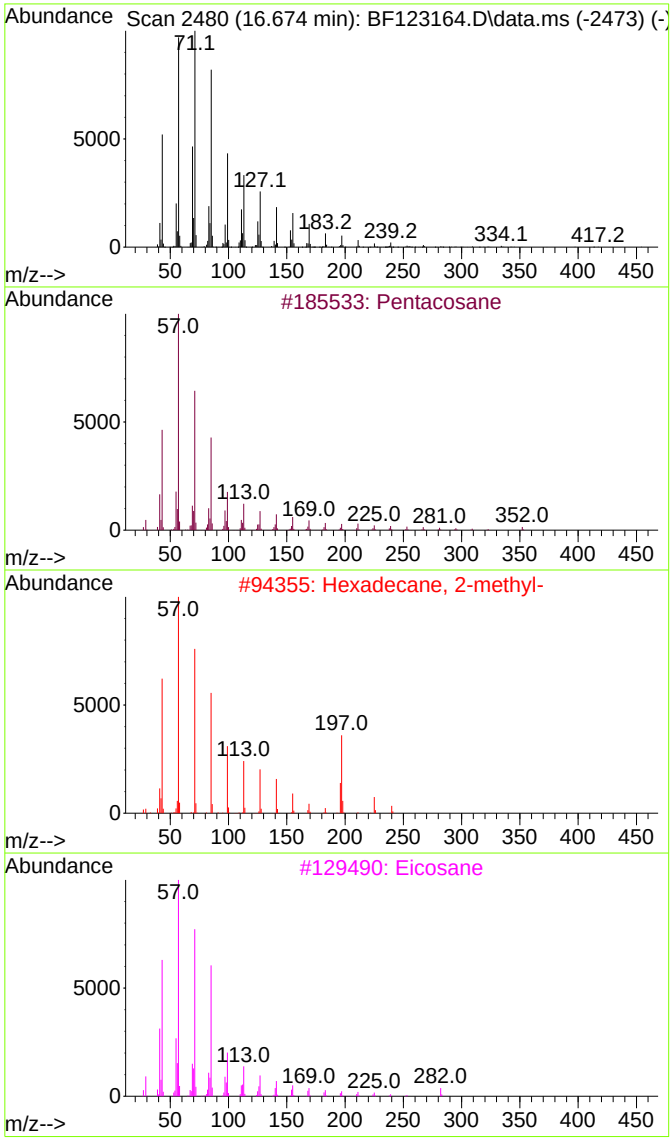
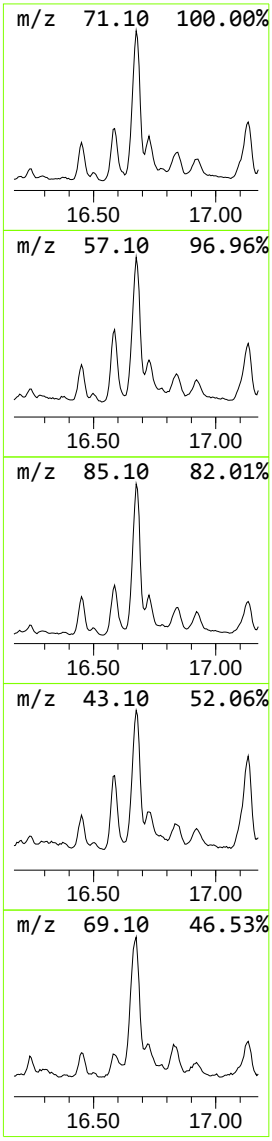
Peak Number 16 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	107.46 ng	4908740	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	Eicosane	282	C20H42	000112-95-8	59
4	Nonadecane	268	C19H40	000629-92-5	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	47





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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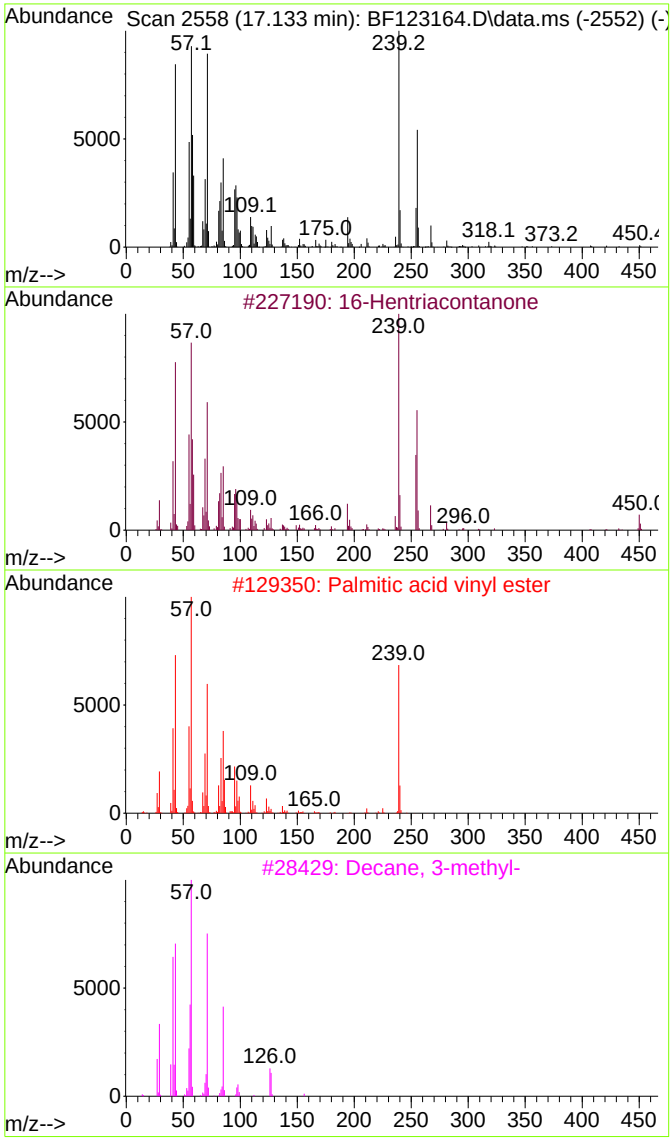
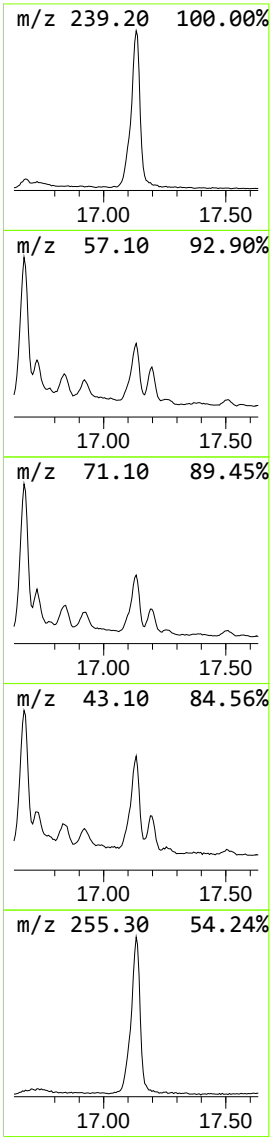
Peak Number 17 16-Hentriacontanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	64.59 ng	2950460	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Hentriacontanone	450	C31H62O	000502-73-8	90
2	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	76
3	Decane, 3-methyl-	156	C11H24	013151-34-3	38
4	2-Heptadecanone	254	C17H34O	002922-51-2	35
5	Decane, 5-propyl-	184	C13H28	017312-62-8	30





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Instrument : BNA_F
ClientSampleId : CHRT-26586

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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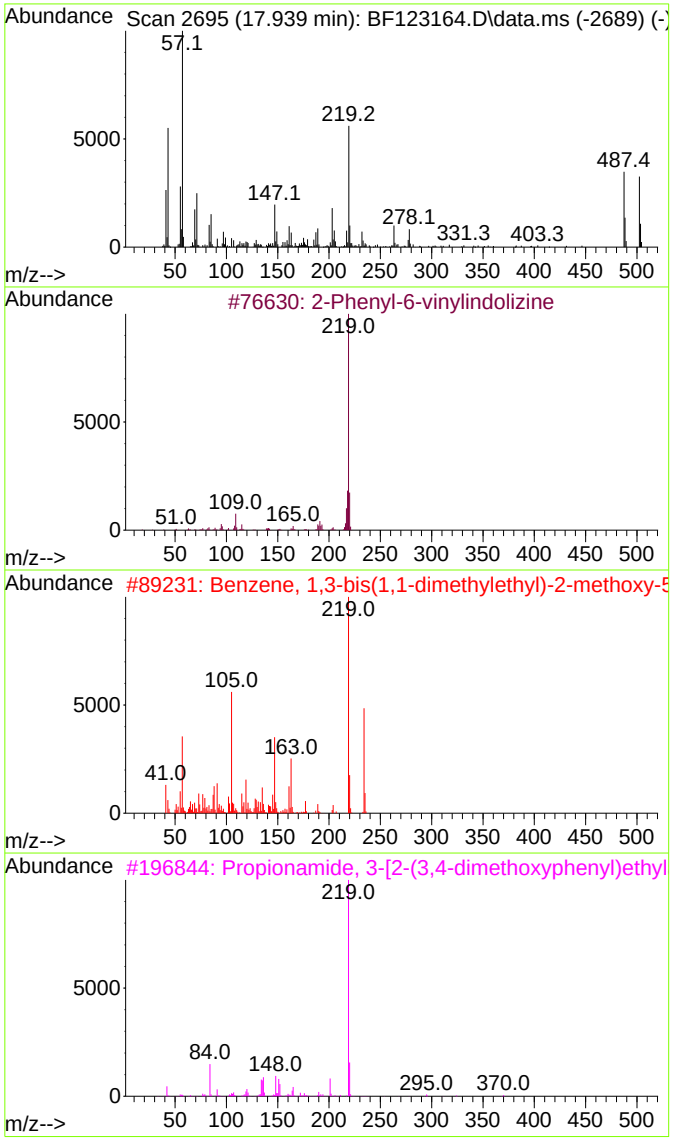
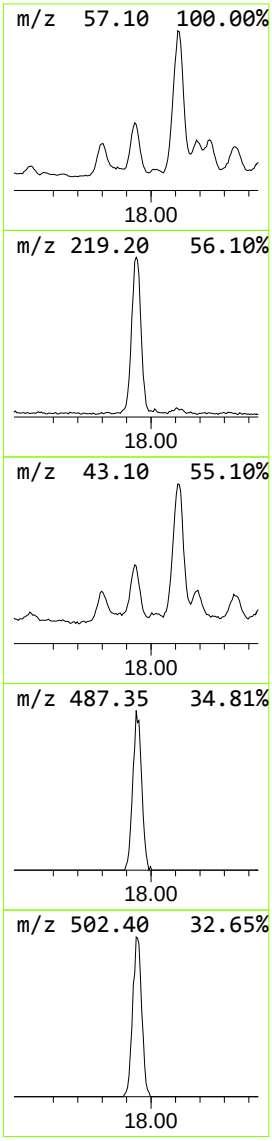
Peak Number 18 unknown17.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	29.50 ng	1347690	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-6-vinylindolizine	219	C16H13N	077652-49-4	25
2	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	25
3	Propionamide, 3-[2-(3,4-dimethox...	370	C22H30N2O3	1000310-14-1	22
4	Benzenamine, 4-(4-chlorophenoxy)-	219	C12H10ClNO	000101-79-1	22
5	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	22





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Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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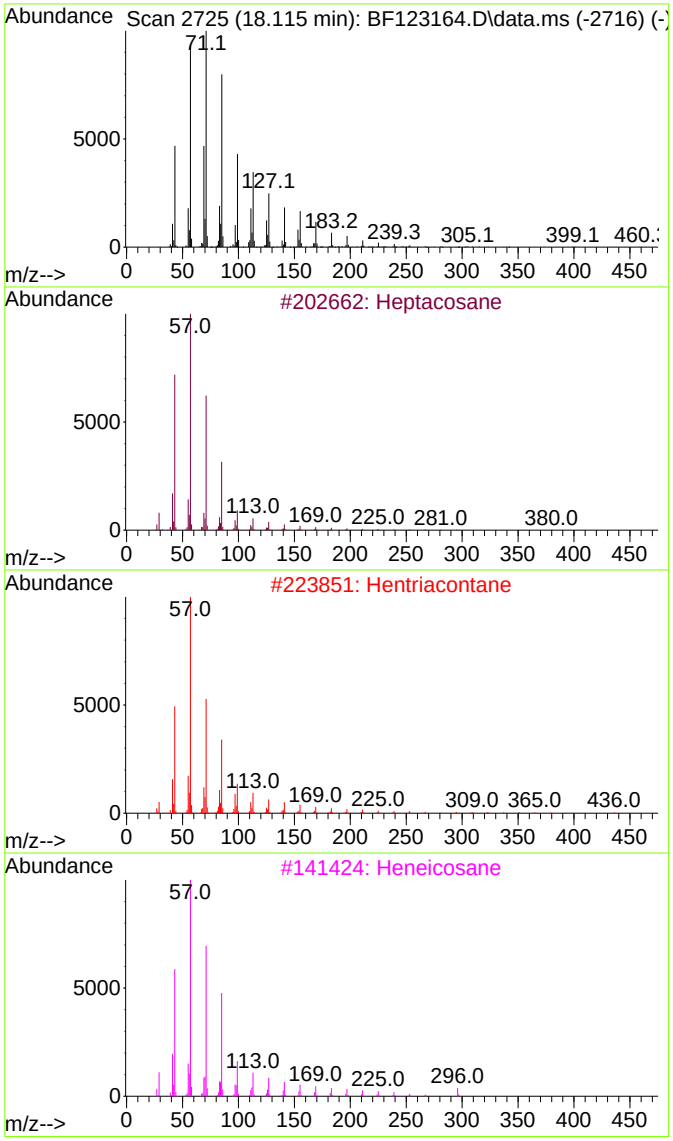
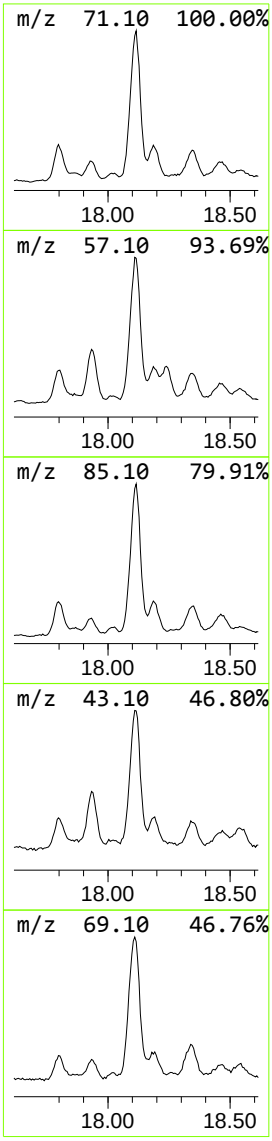
Peak Number 19 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	99.96 ng	4565810	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Heneicosane	296	C21H44	000629-94-7	59
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50





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Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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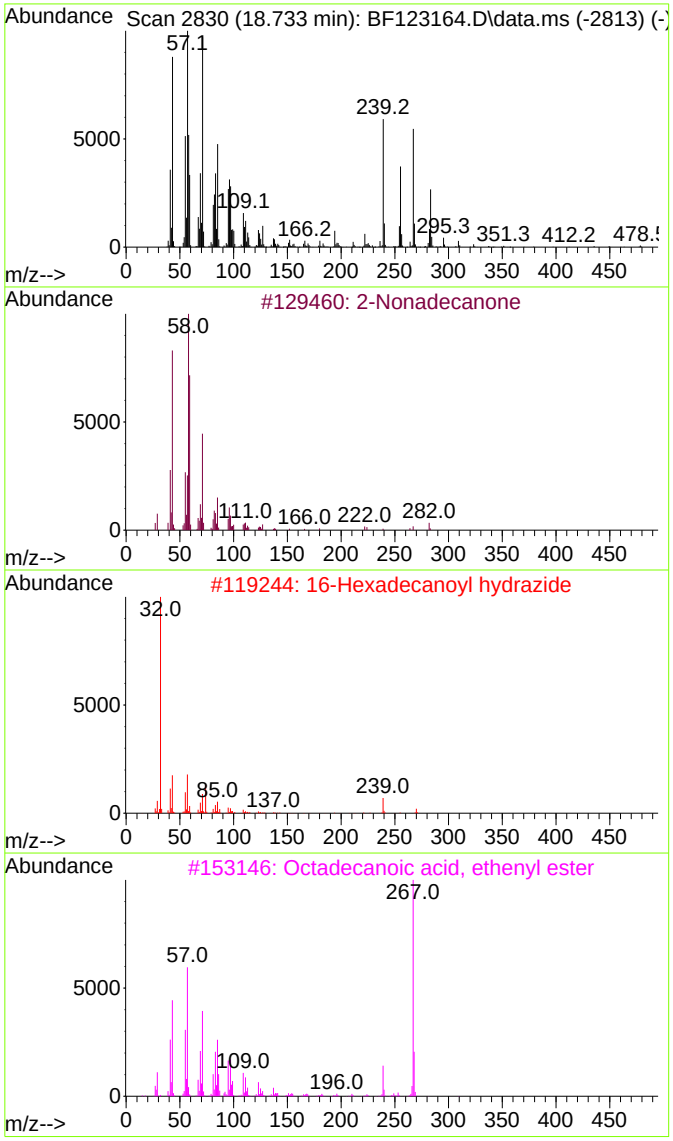
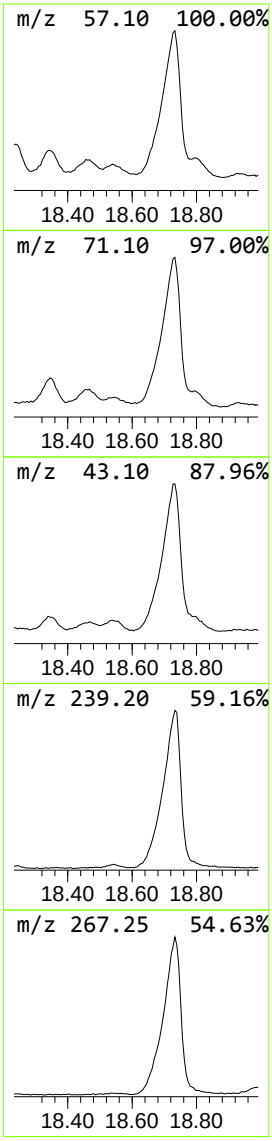
Peak Number 20 2-Nonadecanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	265.05 ng	12106700	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	60
2	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	58
3	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	52
4	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	41
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123164.D
Acq On : 9 Feb 2021 14:51
Operator : JU/CG
Sample : M1340-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26586

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane, 2-methy...	10.045	41.3	ng	3551640	3	9.939	1721940	20.0
5,5-Dibutylnonane	10.863	38.2	ng	3132110	4	11.433	1638710	20.0
Hexacosane	11.063	56.5	ng	4631210	4	11.433	1638710	20.0
2-Bromo dodecane	11.969	91.7	ng	7514670	4	11.433	1638710	20.0
unknown12.75	12.751	71.0	ng	5821740	4	11.433	1638710	20.0
Dodecane, 4-met...	12.786	42.7	ng	4606950	5	14.086	2155730	20.0
Heptadecane, 2-...	13.533	49.9	ng	5379580	5	14.086	2155730	20.0
Hexadecane	13.933	28.8	ng	3106430	5	14.086	2155730	20.0
2-Bromotetradecane	14.215	38.3	ng	4129590	5	14.086	2155730	20.0
Heptadecane	14.251	34.5	ng	3721290	5	14.086	2155730	20.0
Heptacosane	14.868	166.6	ng	7611670	6	15.580	913559	20.0
Heneicosane	15.215	79.4	ng	3627880	6	15.580	913559	20.0
Tetrapentacontane	15.645	76.8	ng	3507020	6	15.580	913559	20.0
2-methyloctacosane	16.057	50.9	ng	2322970	6	15.580	913559	20.0
Hexadecane, 1-i...	16.586	33.0	ng	1508690	6	15.580	913559	20.0
Pentacosane	16.674	107.5	ng	4908740	6	15.580	913559	20.0
16-Hentriaconta...	17.133	64.6	ng	2950460	6	15.580	913559	20.0
unknown17.93	17.939	29.5	ng	1347690	6	15.580	913559	20.0
Hentriacontane	18.115	100.0	ng	4565810	6	15.580	913559	20.0
2-Nonadecanone	18.733	265.1	ng	12106700	6	15.580	913559	20.0