LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MMFB-4

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	501	505	514	rVB	131174	165256	3.80%	0.389%
2	5.451	567	572	575	rBV	3732456	3852270	88.47%	9.071%
3	6.457	737	743	745	rBV	3476570	3826263	87.88%	9.010%
4	6.663	773	778	785	rBV2	107821	168327	3.87%	0.396%
5	6.822	802	805	812	rVB	1180260	980842	22.53%	2.310%
6	7.145	855	860	861	rBV2	40974	52959	1.22%	0.125%
7	7.216	869	872	876	rBV2	54117	51736	1.19%	0.122%
8	7.386	891	901	904	rBV	2870212	2520116	57.88%	5.934%
9	7.422	904	907	910	rVV	181146	139588	3.21%	0.329%
10	7.469	910	915	918	rVB4	36582	56578	1.30%	0.133%
11	7.628	937	942	945	rVB3	46850	70724	1.62%	0.167%
12	7.822	972	975	977	rBV3	50707	52605	1.21%	0.124%
13	8.063	1011	1016	1018	rBV4	31338	48906	1.12%	0.115%
14	8.104	1018	1023	1025	rVV	1631041	1523208	34.98%	3.587%
15	8.122	1025	1026	1029	rVV	235400	165057	3.79%	0.389%
16	8.169	1032	1034	1037	rVB2	96330	70018	1.61%	0.165%
17	8.304	1054	1057	1060	rVB2	50117	50087	1.15%	0.118%
18	8.451	1080	1082	1085	rBV3	60908	56517	1.30%	0.133%
19	8.486	1085	1088	1091	rBV2	100991	82676	1.90%	0.195%
20	8.528	1091	1095	1097	rBV2	101123	97285	2.23%	0.229%
21	8.610	1105	1109	1112	rBV2	126933	118155	2.71%	0.278%
22	8.698	1121	1124	1127	rBV	319235	267578	6.15%	0.630%
23	8.763	1132	1135	1138	rVV2	93164	104069	2.39%	0.245%
24	8.816	1142	1144	1148	rVB	163122	120254	2.76%	0.283%
25	8.916	1156	1161	1165	rBV2	130348	197070	4.53%	0.464%
26	9.069	1184	1187	1190	rVB2	80409	66935	1.54%	0.158%
27	9.133	1195	1198	1202	rVV3	108728	110138	2.53%	0.259%
28	9.186	1202	1207	1210	rVB	5047055	4354126	100.00%	10.253%
29	9.269	1216	1221	1225	rBV2	423105	398330	9.15%	0.938%
30	9.304	1225	1227	1230	rVV3	55005	58198	1.34%	0.137%
31	9.439	1245	1250	1255	rBV3	99065	161172	3.70%	0.380%
32	9.516	1257	1263	1266	rVV3	158375	223385	5.13%	0.526%
33	9.545	1266	1268	1270	rVV	146493	114255	2.62%	0.269%
34	9.586	1270	1275	1277	rVV3	175216	242176	5.56%	0.570%
35	9.610	1277	1279	1281	rVV2	121417	106110	2.44%	0.250%
36	9.645	1281	1285	1288	rVB3	102850	142840	3.28%	0.336%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
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Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.722	1295	1298	1300	rBV	96380	92764	2.13%	0.218%
38	9.798	1309	1311	1315	rVB	479484	362843	8.33%	0.854%
39	9.863	1315	1322	1325	rBV	1594161	1447972	33.26%	3.410%
40	9.892	1325	1327	1331	rVB3	73803	76607	1.76%	0.180%
41	9.969	1337	1340	1344	rVB3	56777	74864	1.72%	0.176%
42	10.039	1348	1352	1354	rBV2	76514	115042	2.64%	0.271%
43	10.063	1354	1356	1359	rVB	136985	109563	2.52%	0.258%
44	10.122	1364	1366	1370	rVB2	90925	87691	2.01%	0.206%
45	10.304	1394	1397	1400	rVB	468193	362952	8.34%	0.855%
46	10.357	1404	1406	1411	rVB5	49078	60191	1.38%	0.142%
47	10.404	1411	1414	1416	rBV2	92489	82499	1.89%	0.194%
48	10.522	1428	1434	1437	rBV	189412	253014	5.81%	0.596%
49	10.574	1440	1443	1446	rVB4	67226	79544	1.83%	0.187%
50	10.610	1446	1449	1451	rBV2	58989	58601	1.35%	0.138%
51	10.651	1452	1456	1459	rBV	2556196	2196646	50.45%	5.172%
52	10.780	1475	1478	1485	rBV	436538	582359	13.37%	1.371%
53	11.039	1519	1522	1525	rVB4	68842	60820	1.40%	0.143%
54	11.104	1531	1533	1538	rVB3	66495	79545	1.83%	0.187%
55	11.227	1551	1554	1556	rBV	404867	315809	7.25%	0.744%
56	11.257	1557	1559	1566	rVB	167213	180513	4.15%	0.425%
57	11.351	1571	1575	1577	rBV	1371113	1087855	24.98%	2.562%
58	11.374	1577	1579	1582	rVV	437898	314380	7.22%	0.740%
59	11.421	1582	1587	1590	rVB	131656	138328	3.18%	0.326%
60	11.657	1624	1627	1630	rBV	310762	258816	5.94%	0.609%
61	11.757	1641	1644	1649	rVB	710002	663752	15.24%	1.563%
62	11.857	1658	1661	1663	rBV	82645	78402	1.80%	0.185%
63	11.892	1663	1667	1670	rVV2	170194	205813	4.73%	0.485%
64	11.927	1670	1673	1676	rVB2	54803	53556	1.23%	0.126%
65	11.963	1676	1679	1682	rBV	174067	190692	4.38%	0.449%
66	11.986	1682	1683	1690	rVB2	94025	91600	2.10%	0.216%
67	12.069	1694	1697	1699	rBV	224202	166217	3.82%	0.391%
68	12.357	1743	1746	1748	rVB3	53615	50033	1.15%	0.118%
69	12.410	1752	1755	1758	rBV2	87193	93919	2.16%	0.221%
70	12.451	1758	1762	1764	rBV	2186363	2043660	46.94%	4.812%
71	12.474	1764	1766	1769	rVB	1698792	1370166	31.47%	3.226%
72	12.563	1777	1781	1786	rBV2	514720	571680	13.13%	1.346%
73	12.616	1786	1790	1795	rVB7	41419	68399	1.57%	0.161%
74	12.721	1806	1808	1815	rVB3	48066	70450	1.62%	0.166%
75	12.798	1816	1821	1824	rBV	510097	458157	10.52%	1.079%
76	12.839	1825	1828	1830	rVB	77270	65941	1.51%	0.155%

LSC Area Percent Report

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Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.951	1843	1847	1850	rBV	3596707	3198195	73.45%	7.531%
78	13.015	1856	1858	1861	rBV	50408	54665	1.26%	0.129%
79	13.127	1875	1877	1881	rVB	112045	108902	2.50%	0.256%
80	13.198	1886	1889	1892	rVV	146645	147069	3.38%	0.346%
81	13.233	1892	1895	1902	rVB2	95461	98583	2.26%	0.232%
82	13.327	1908	1911	1913	rBV	79967	69024	1.59%	0.163%
83	13.357	1913	1916	1920	rVB	79350	72079	1.66%	0.170%
84	13.398	1920	1923	1927	rBV6	41141	57601	1.32%	0.136%
85	13.539	1944	1947	1954	rBV3	104480	130074	2.99%	0.306%
86	13.751	1981	1983	1986	rVB	84083	72211	1.66%	0.170%
87	14.004	2021	2026	2029	rBV2	1101365	1183889	27.19%	2.788%
88	14.027	2029	2030	2033	rVB	220200	134407	3.09%	0.316%
89	15.051	2201	2204	2216	rVB	185745	414082	9.51%	0.975%
90	15.362	2254	2257	2262	rVB	133378	161031	3.70%	0.379%
91	15.421	2264	2267	2273	rVB	183628	210933	4.84%	0.497%
92	15.492	2274	2279	2283	rVB	702301	817924	18.79%	1.926%

Sum of corrected areas: 42468133

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Misc :
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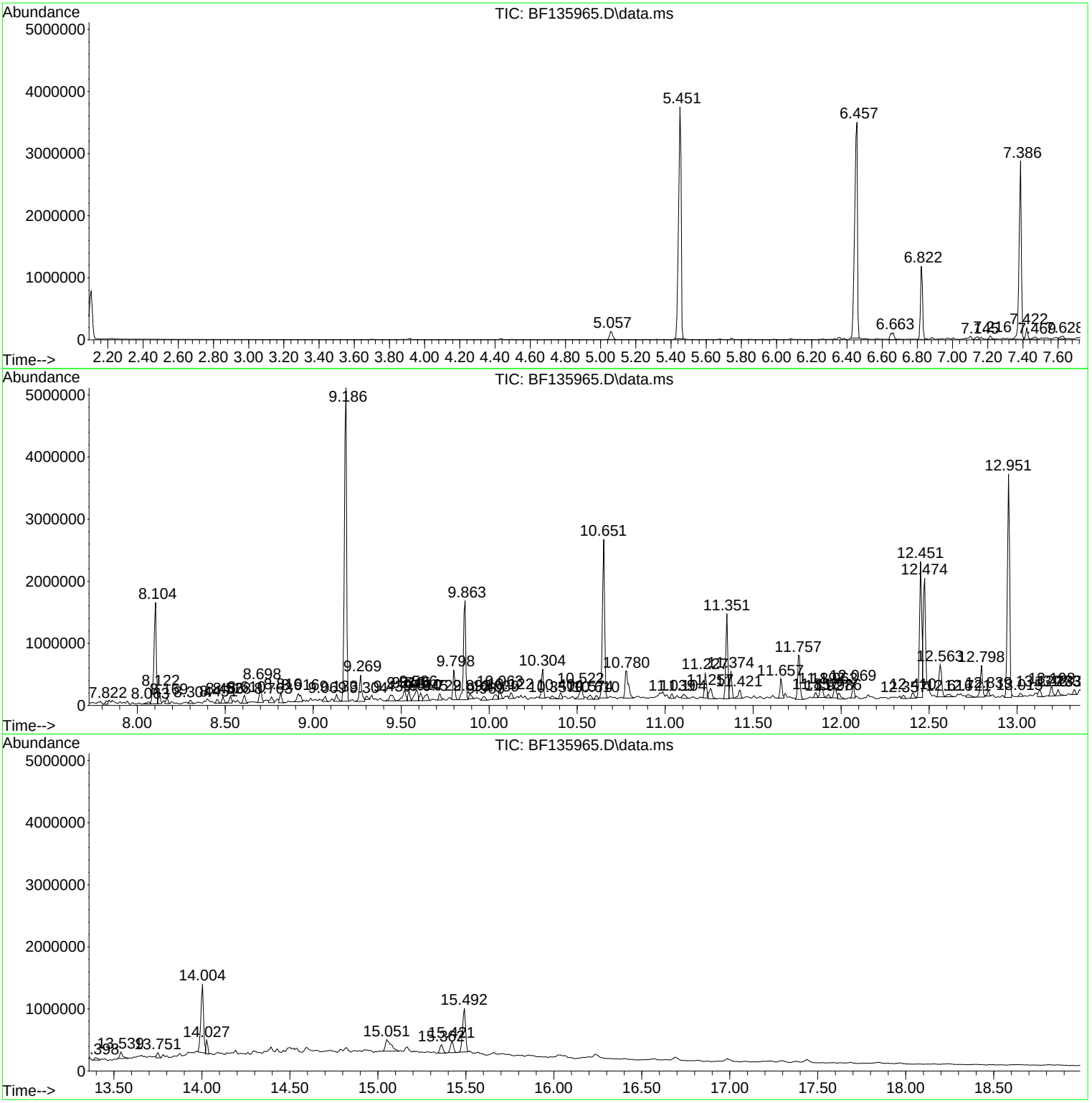
Instrument :
BNA_F
ClientSampleId :
MMFB-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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_F\Data\BF102623\
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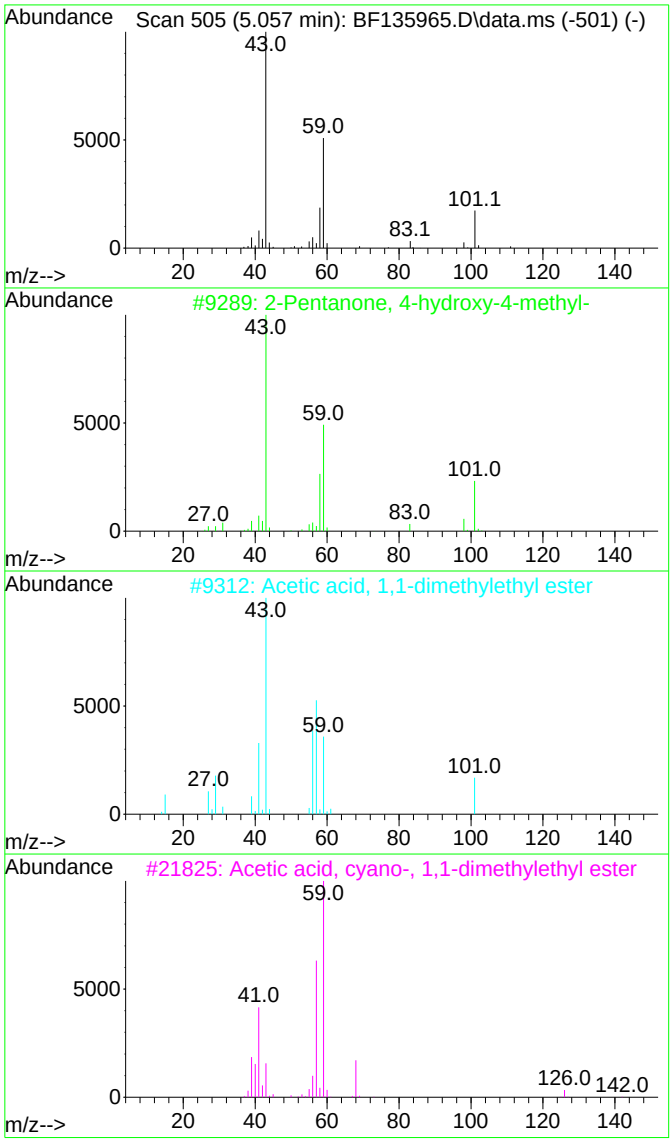
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

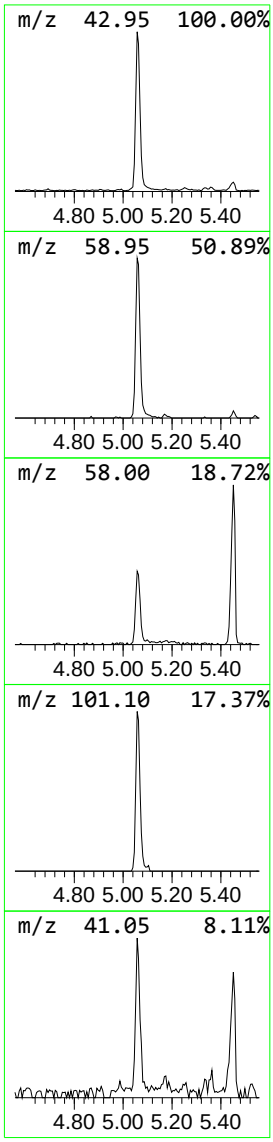
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	3.37 ng	165256	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
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Sample : 05039-04
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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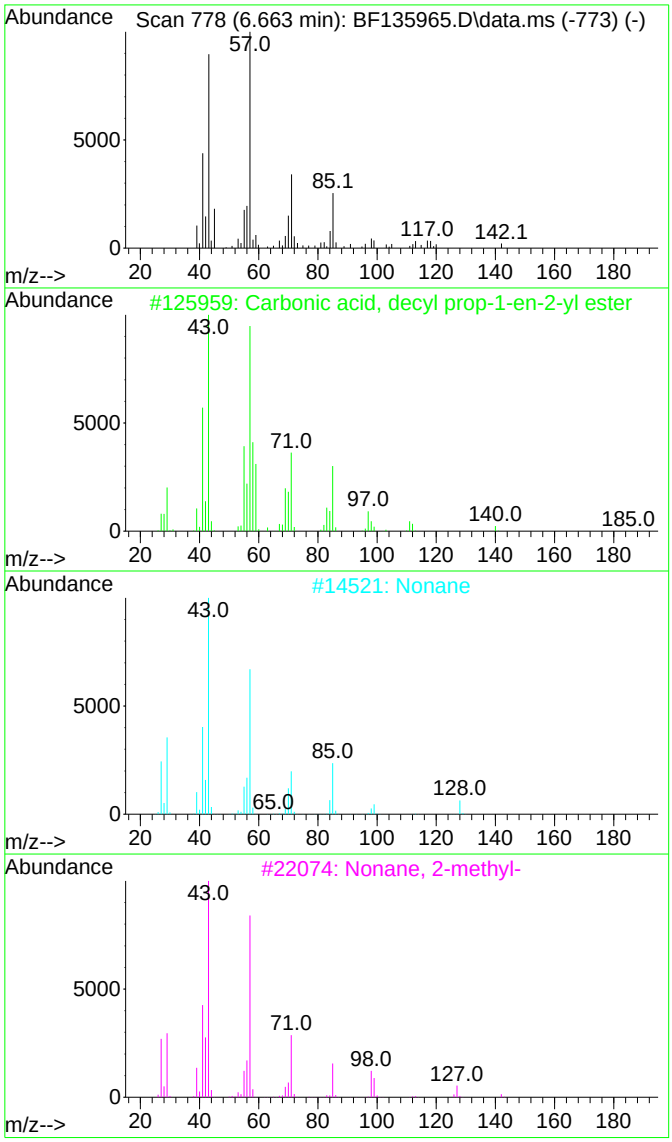
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

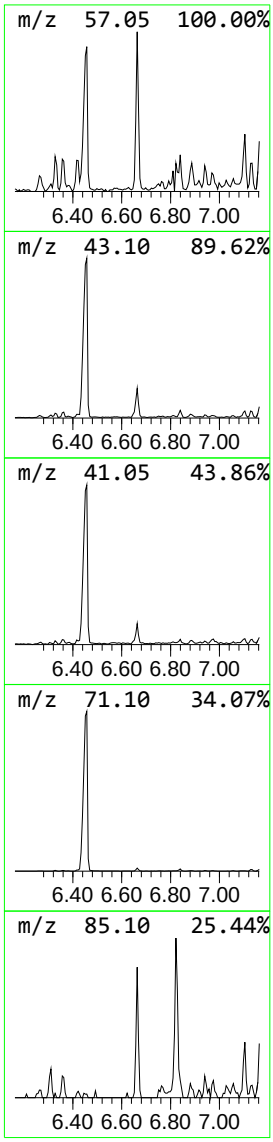
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	3.43 ng	168327	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	86
2	Nonane	128	C9H20	000111-84-2	86
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
4	Decane	142	C10H22	000124-18-5	64
5	Carbonic acid, prop-1-en-2-yl un...	256	C15H28O3	1000382-90-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

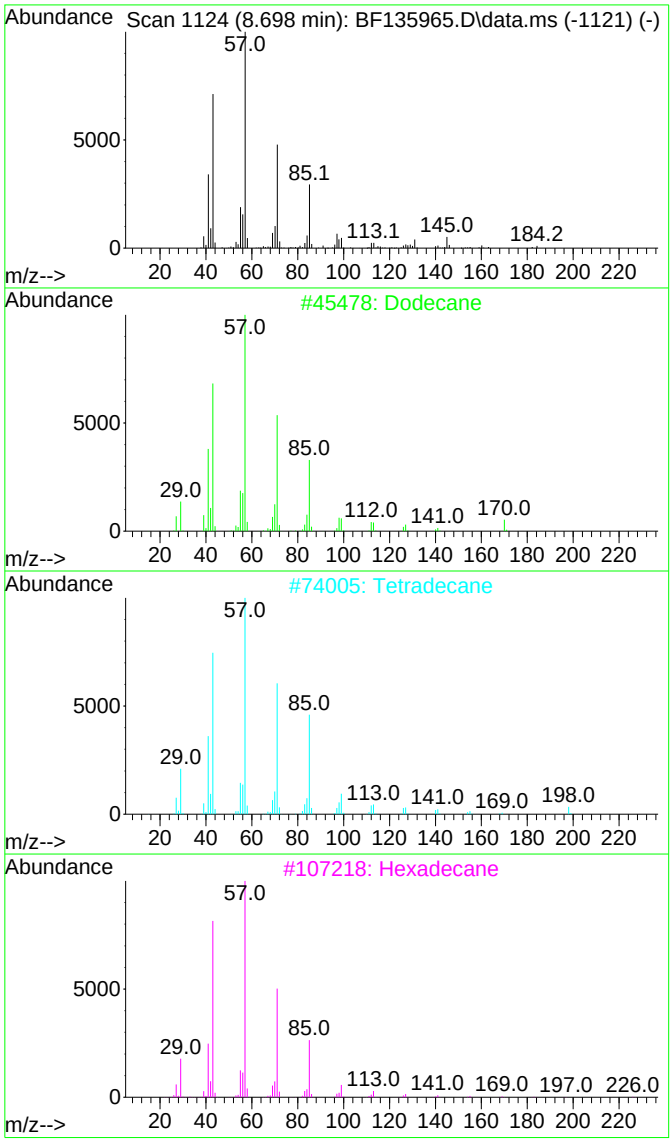
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

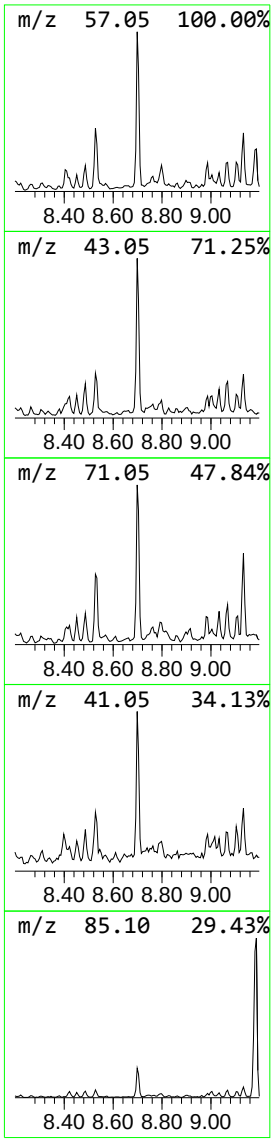
****

Peak Number 3 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	3.51 ng	267578	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	76
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
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Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

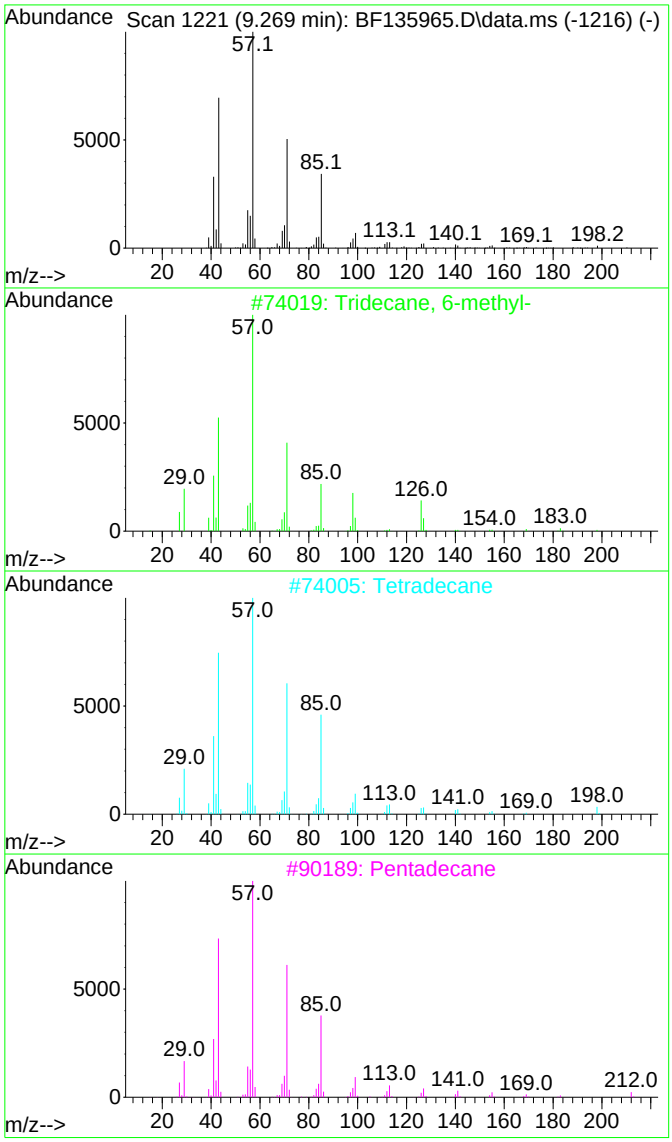
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

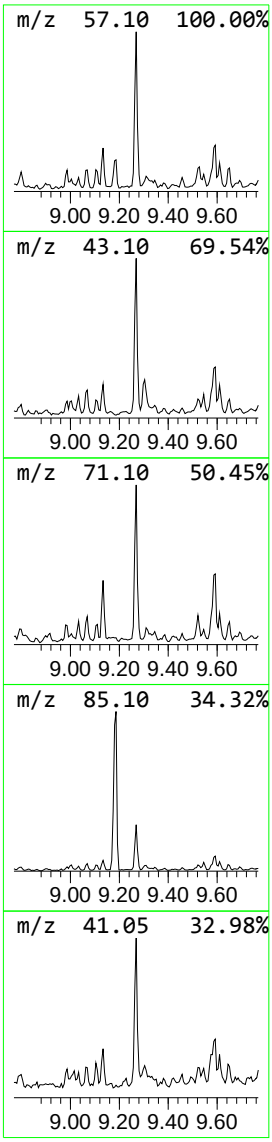
****

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	5.50 ng	398330	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

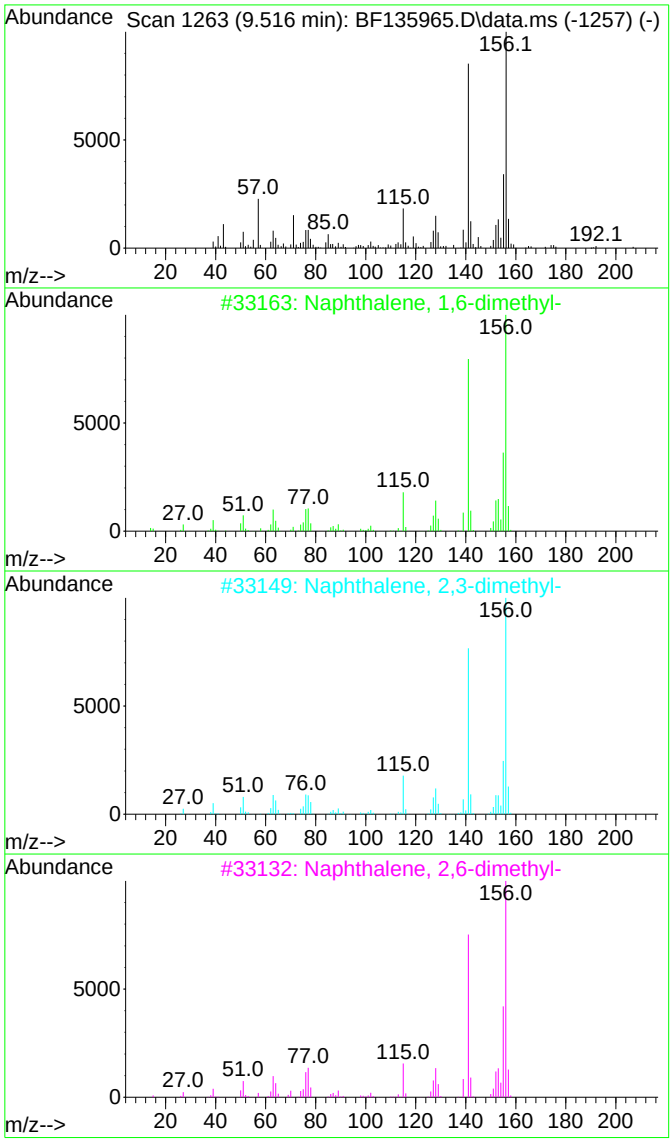
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

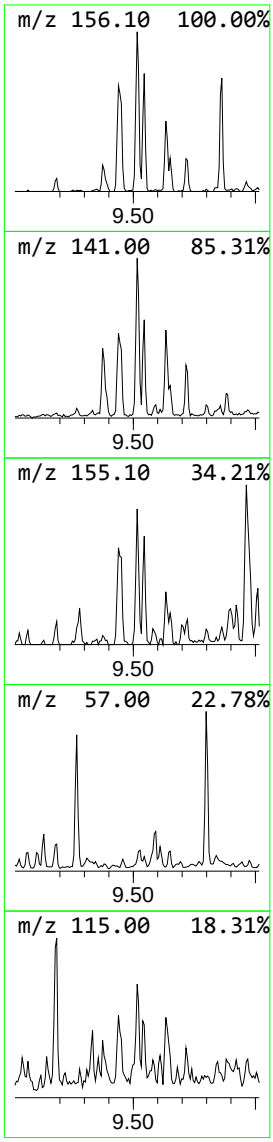
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	3.09 ng	223385	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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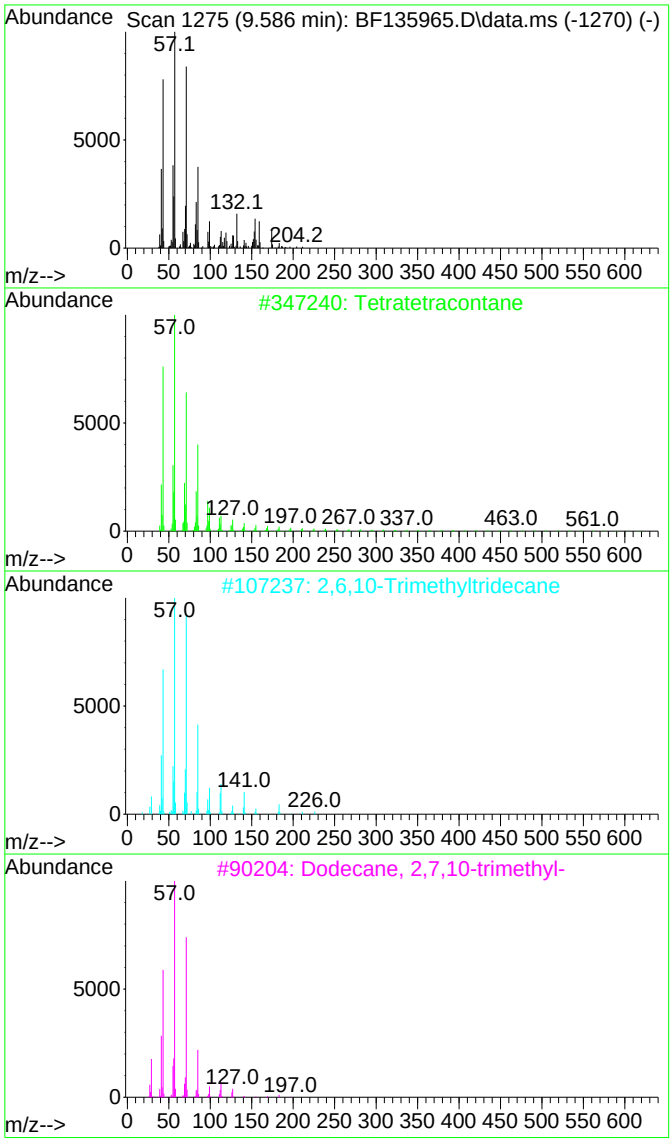
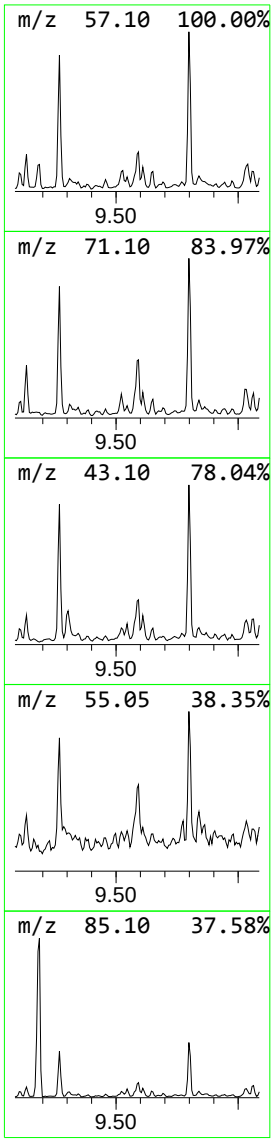
Peak Number 6 Tetratetracontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	3.35 ng	242176	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	72
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	58
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
5	Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	50





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

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

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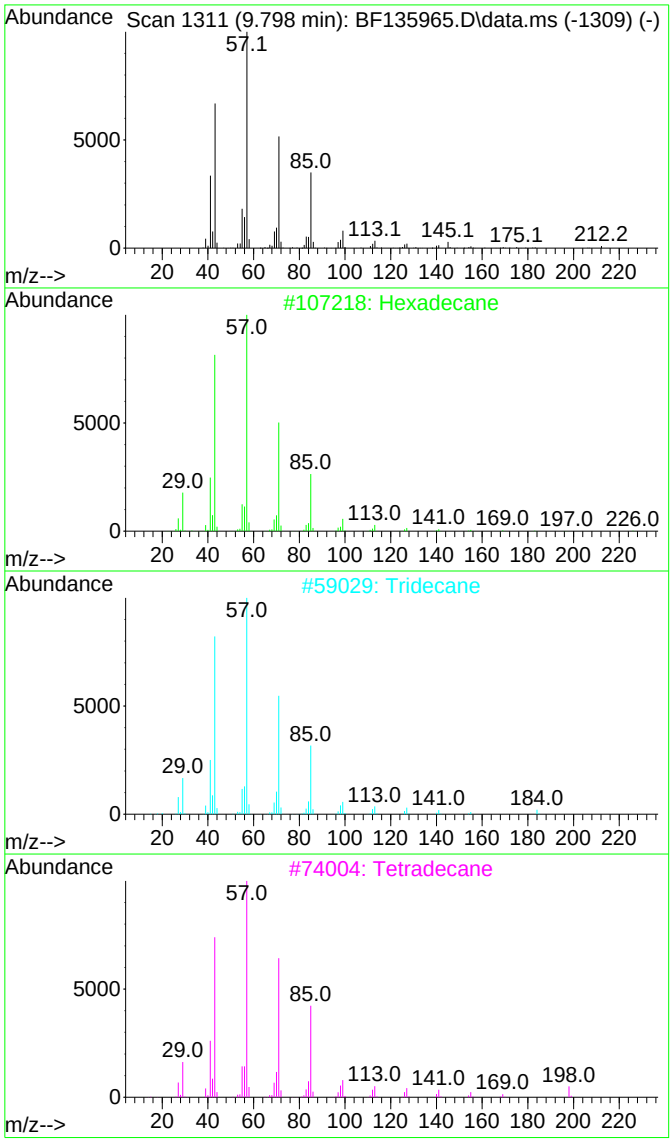
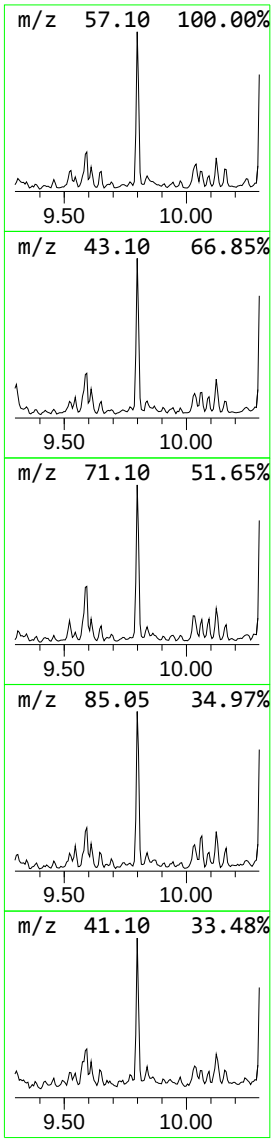
Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	5.01 ng	362843	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	89
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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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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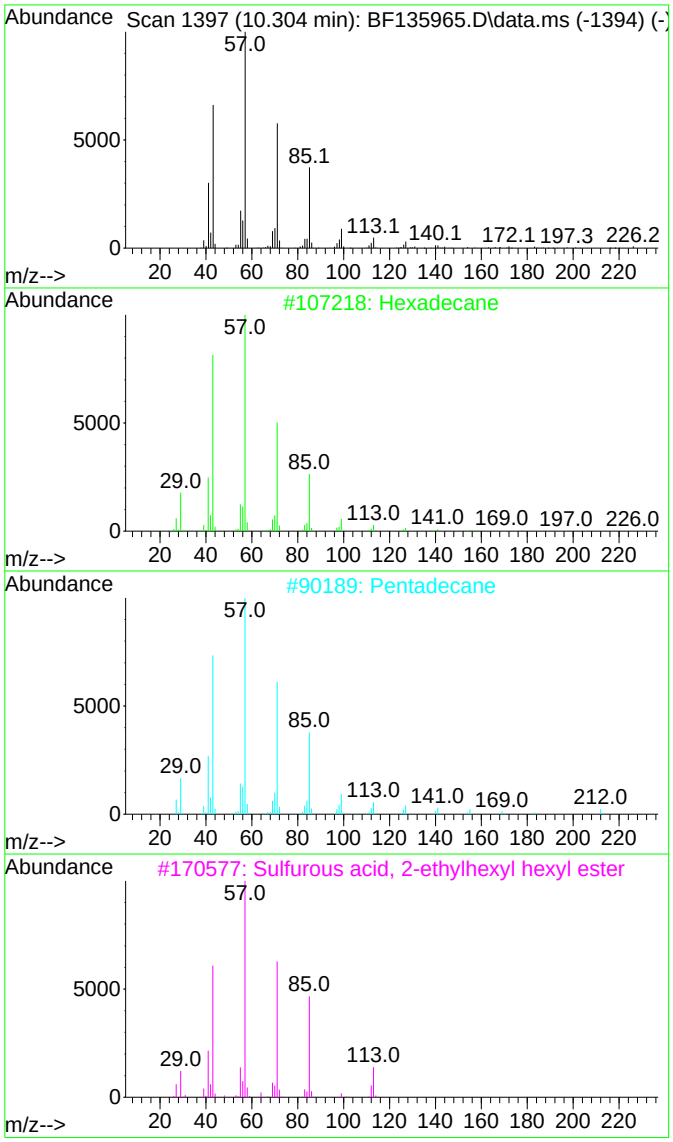
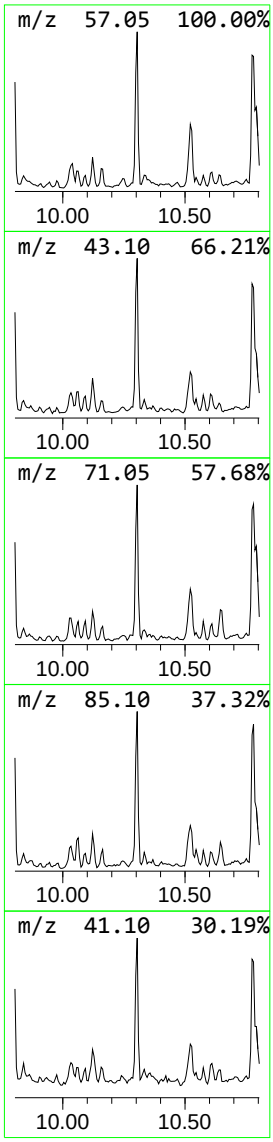
Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	5.01 ng	362952	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	74





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

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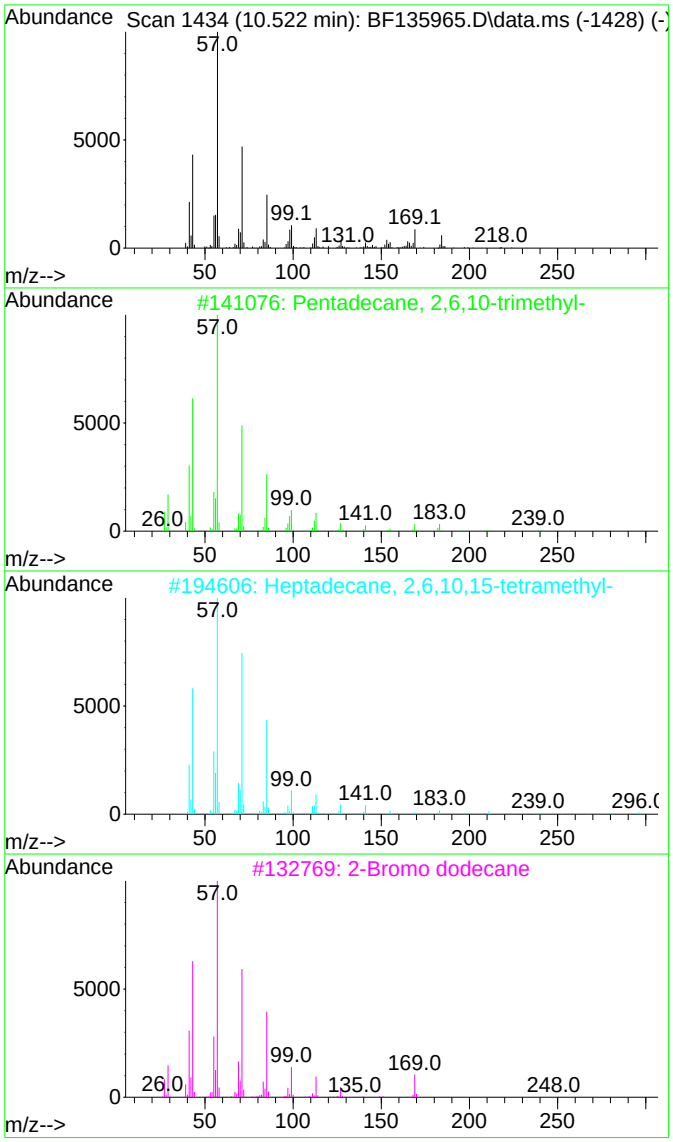
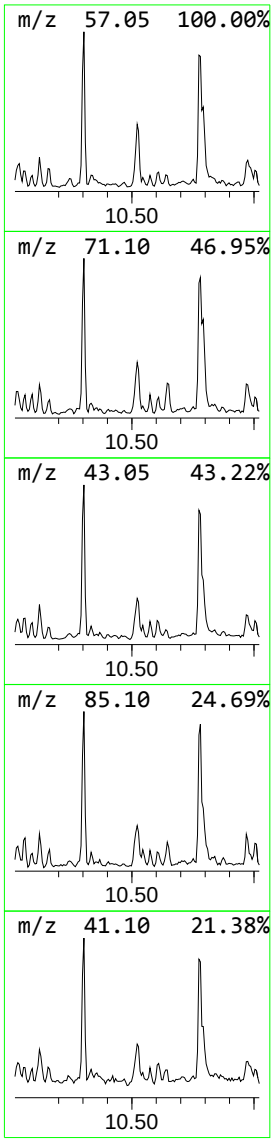
Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	3.49 ng	253014	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Tetracosane	338	C24H50	000646-31-1	58





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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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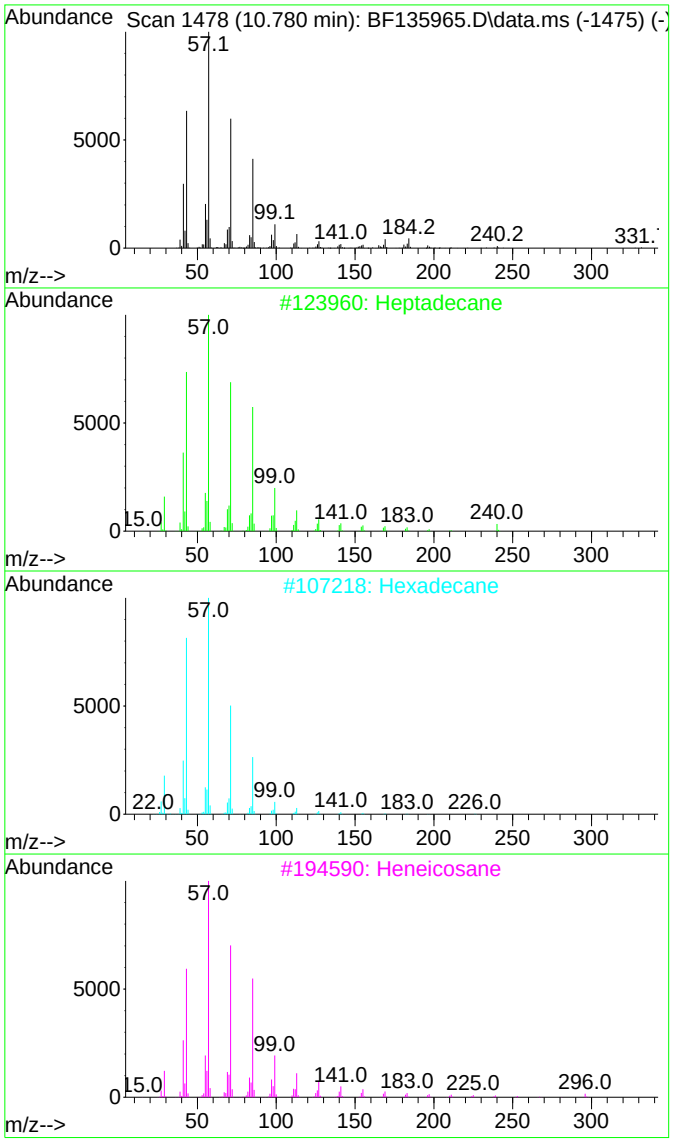
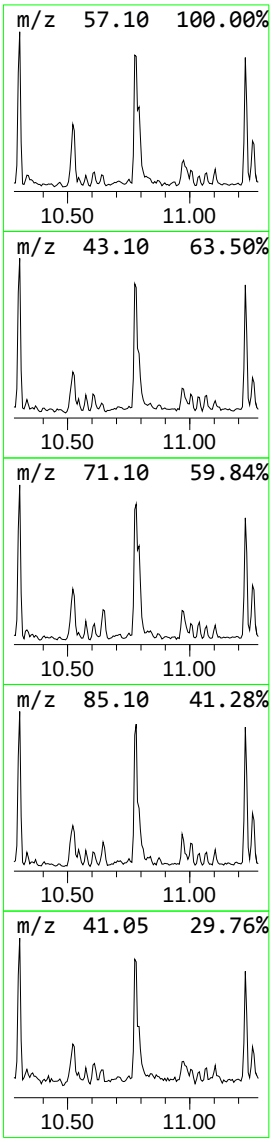
Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	10.71 ng	582359	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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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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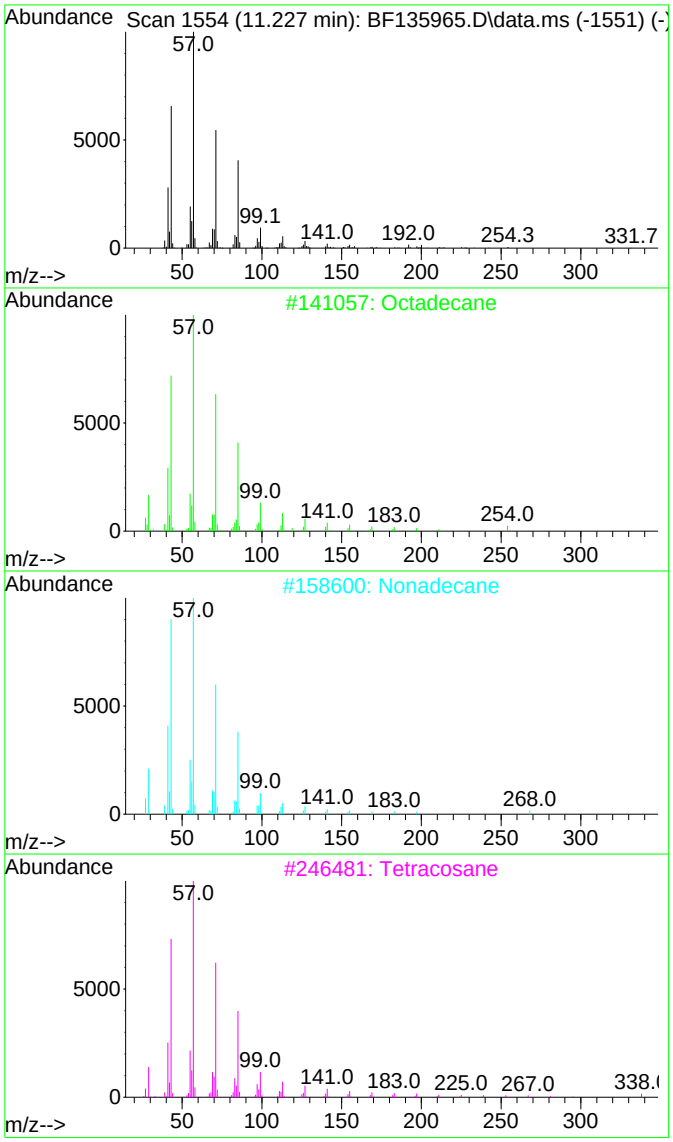
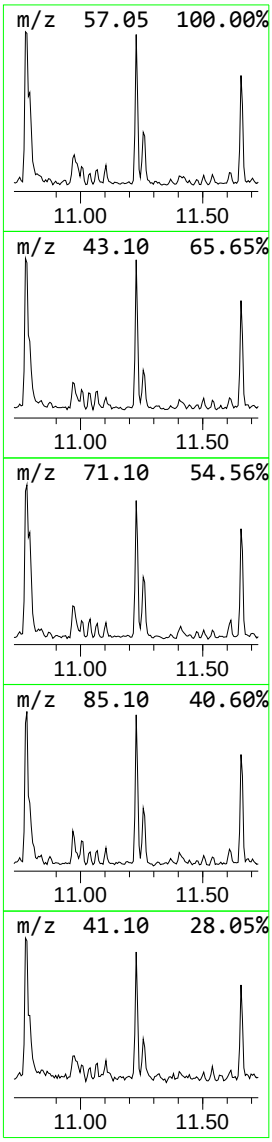
Peak Number 11 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	5.81 ng	315809	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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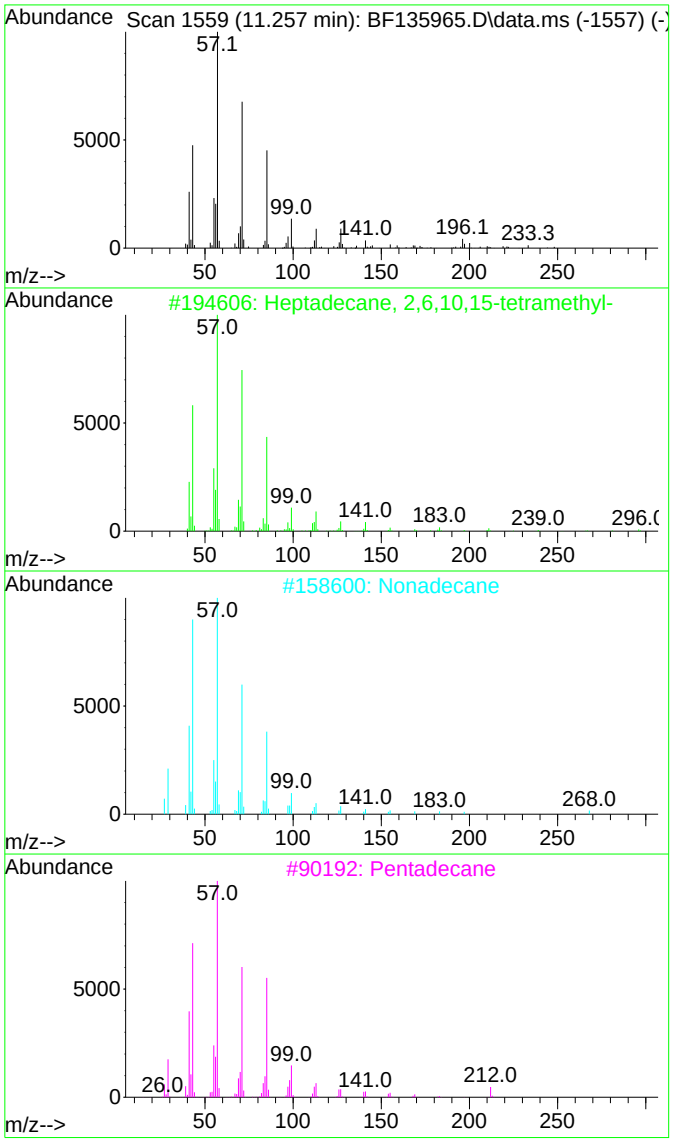
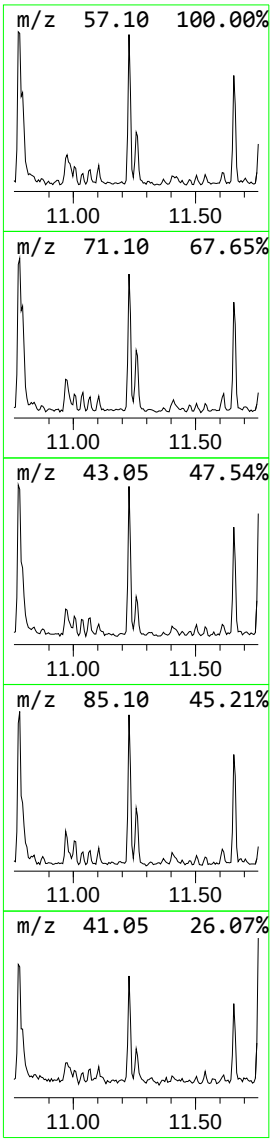
Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	3.32 ng	180513	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Nonadecane	268	C19H40	000629-92-5	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Heptadecane	240	C17H36	000629-78-7	64





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ALS Vial : 9 Sample Multiplier: 1

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

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

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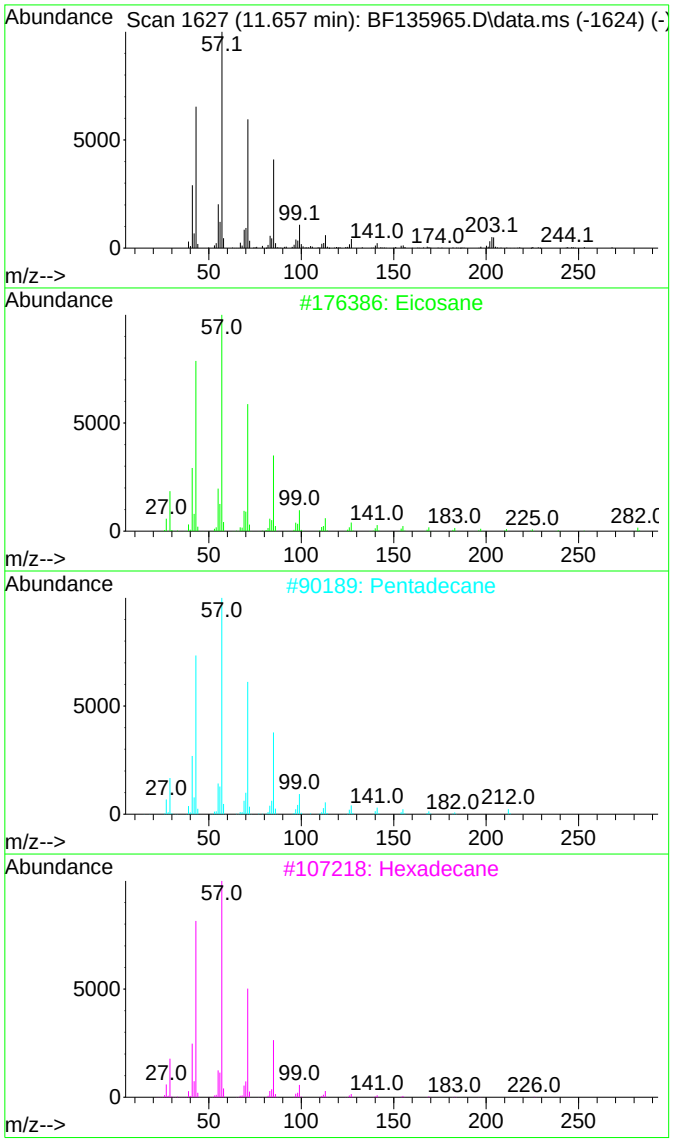
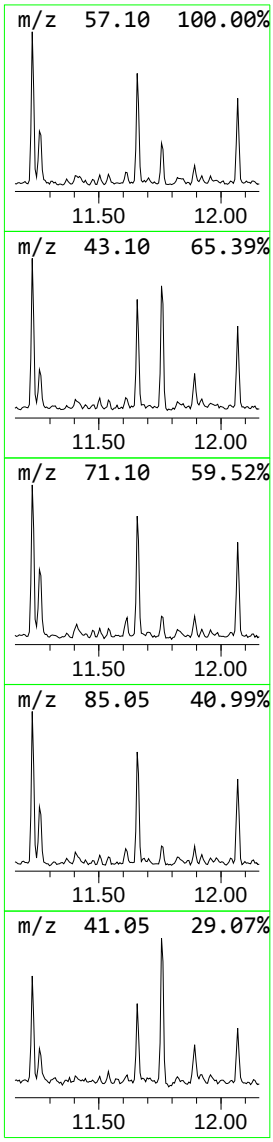
Peak Number 13 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	4.76 ng	258816	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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TIC Library : C:\Database\NIST20.L
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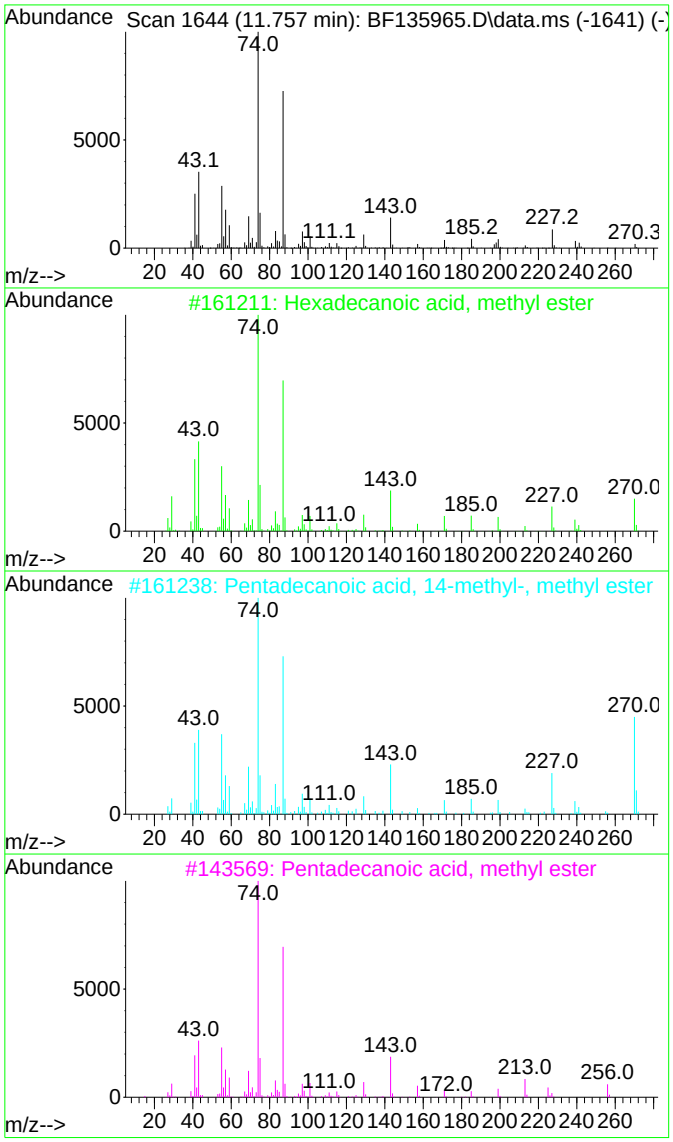
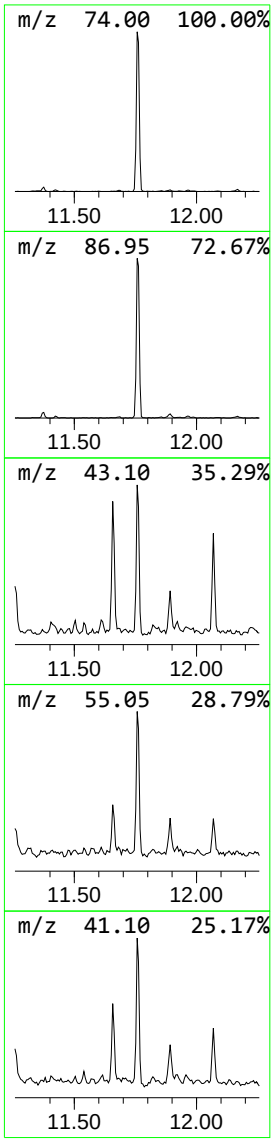
****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	12.20 ng	663752	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86





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TIC Library : C:\Database\NIST20.L
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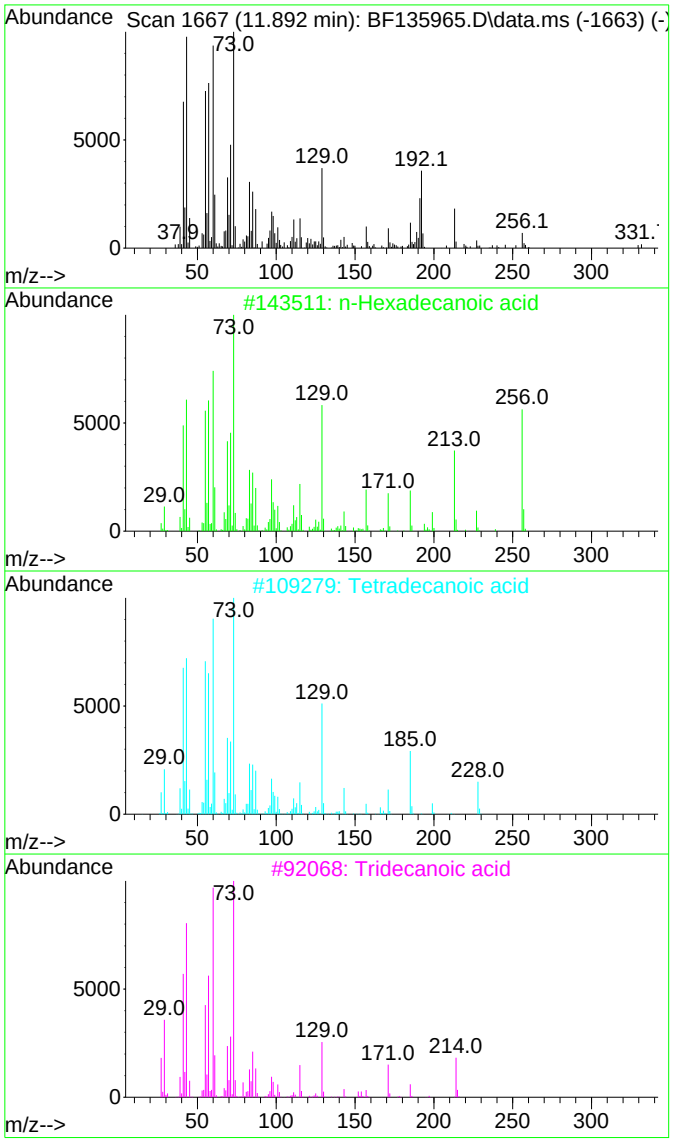
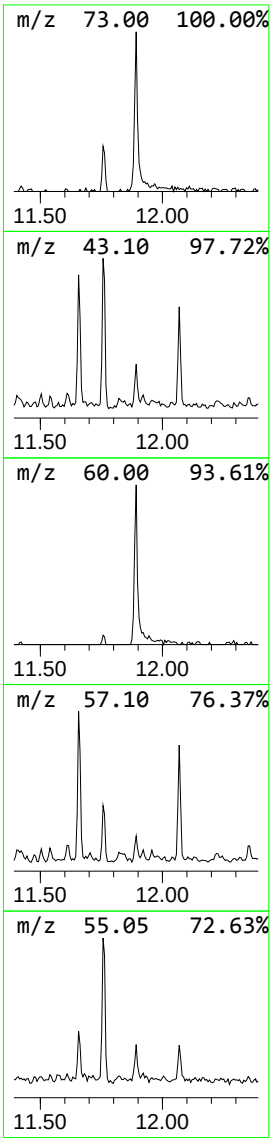
Peak Number 15 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.78 ng	205813	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	45





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TIC Library : C:\Database\NIST20.L
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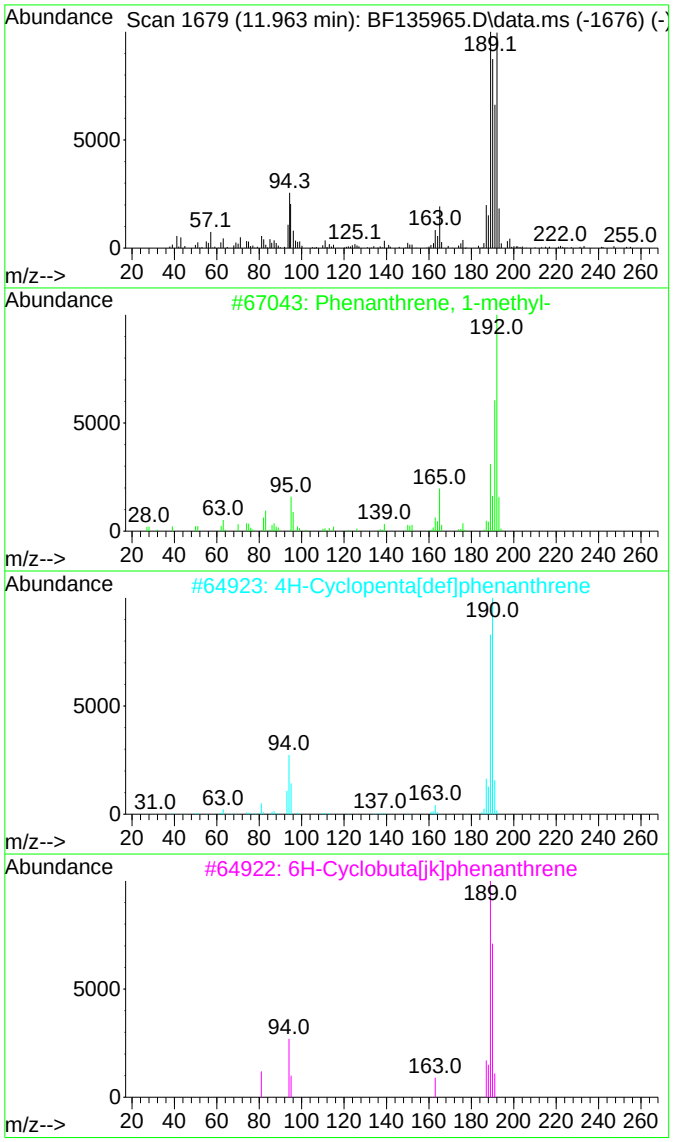
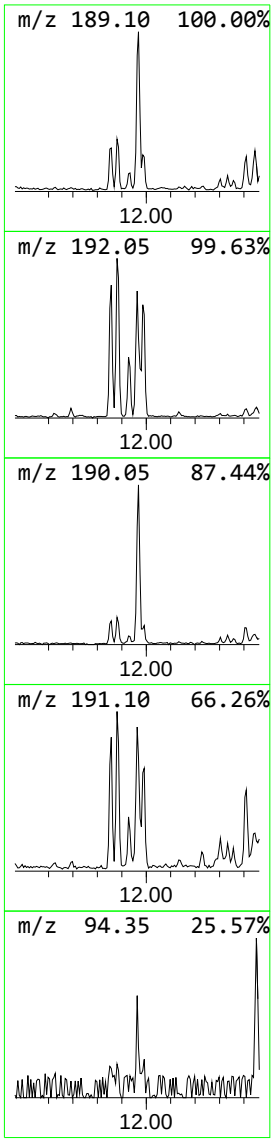
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.51 ng	190692	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





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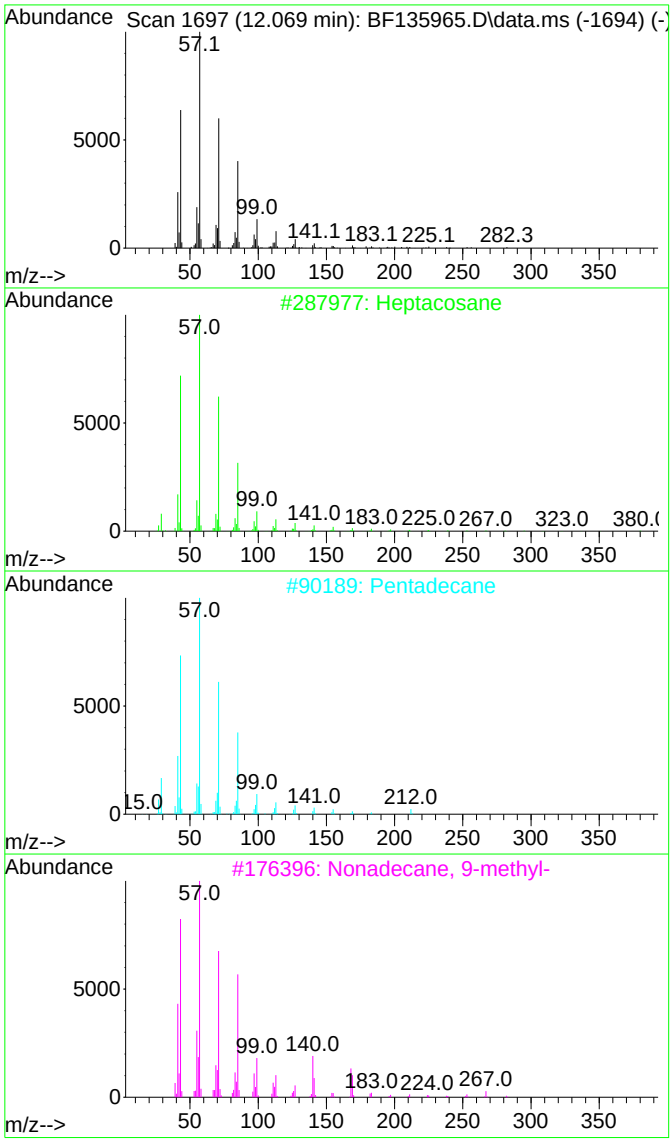
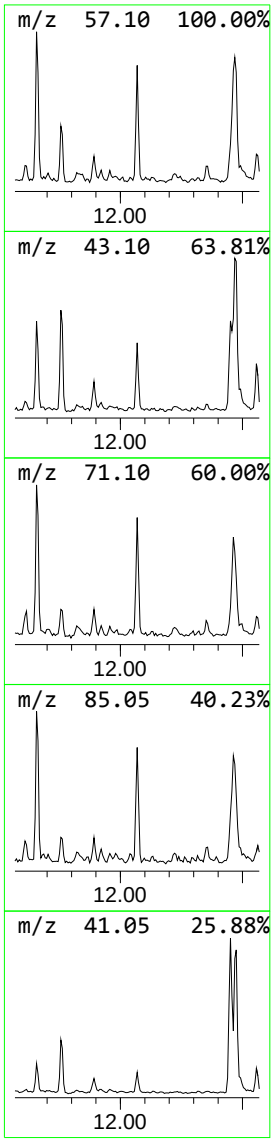
Peak Number 17 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	3.06 ng	166217	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Hexadecane	226	C16H34	000544-76-3	90





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ClientSampleId :
MMFB-4

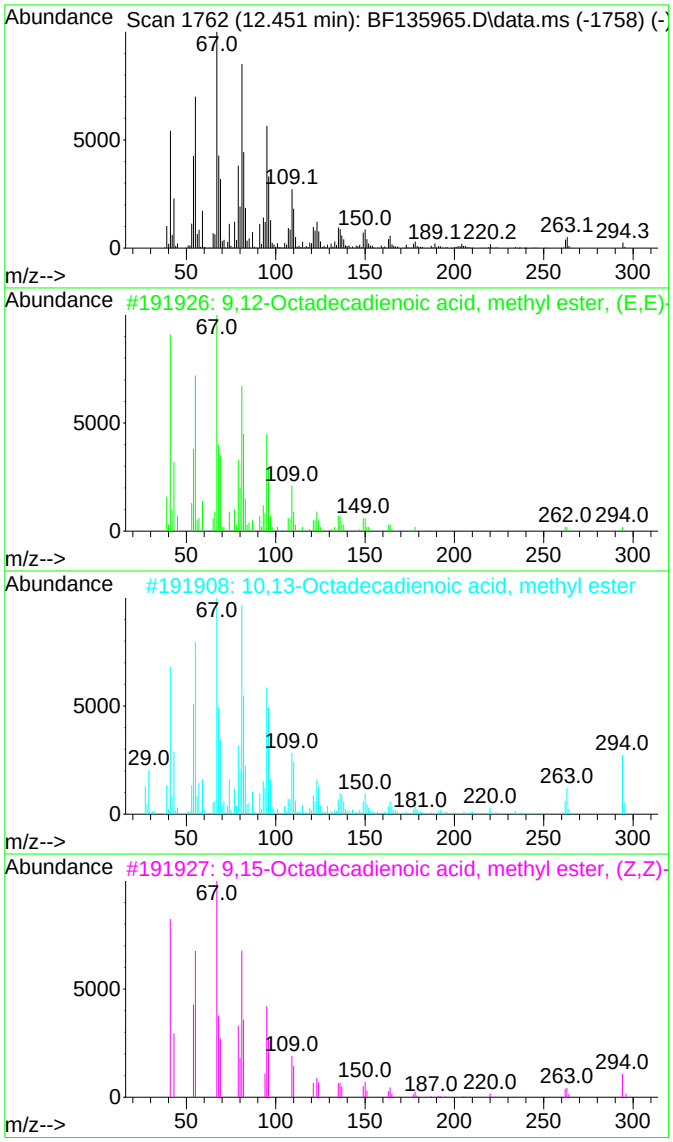
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

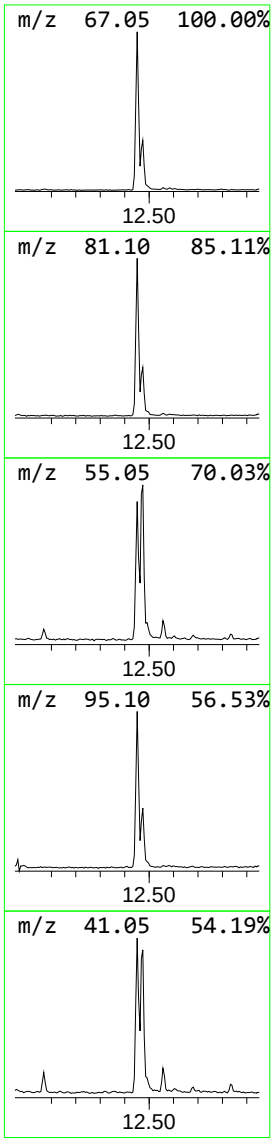
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	37.57 ng	2043660	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

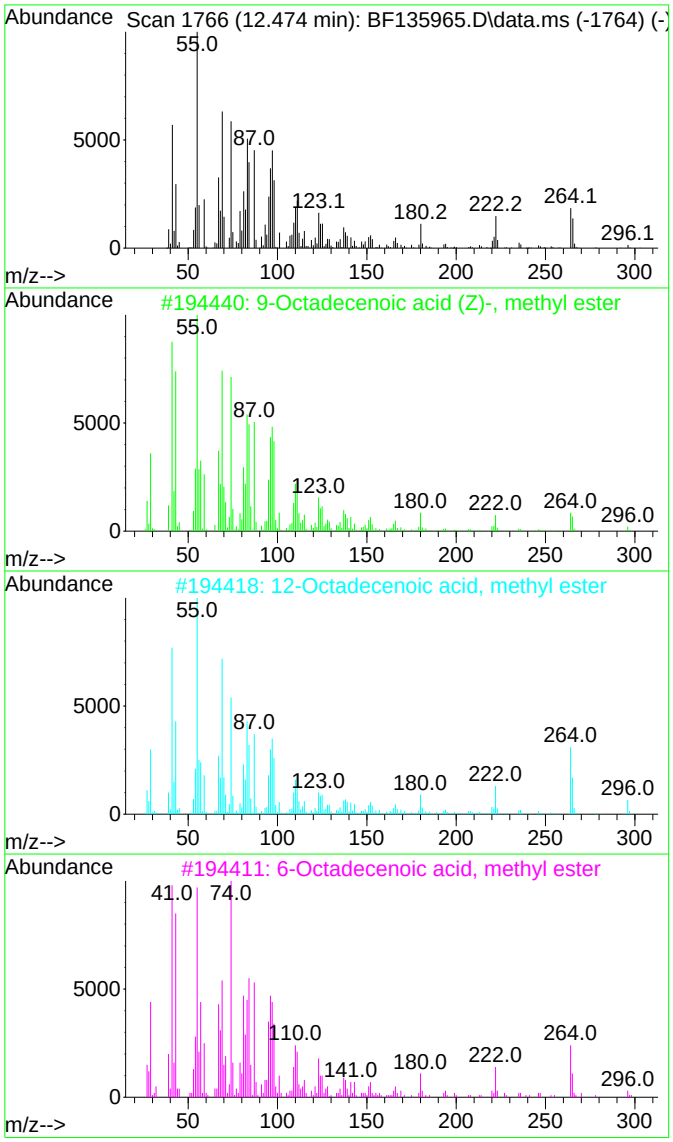
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

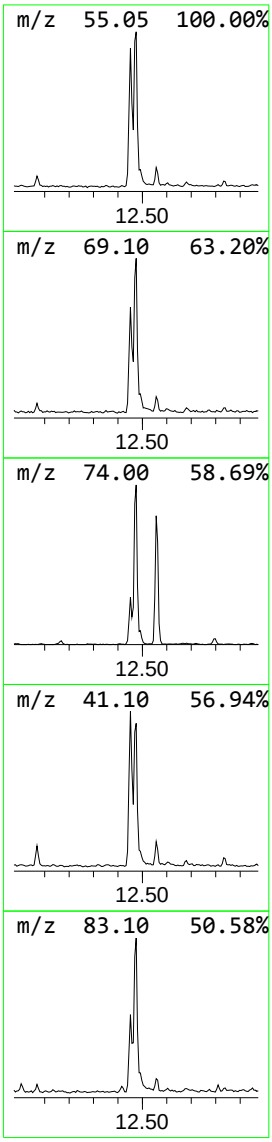
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	25.19 ng	1370170	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

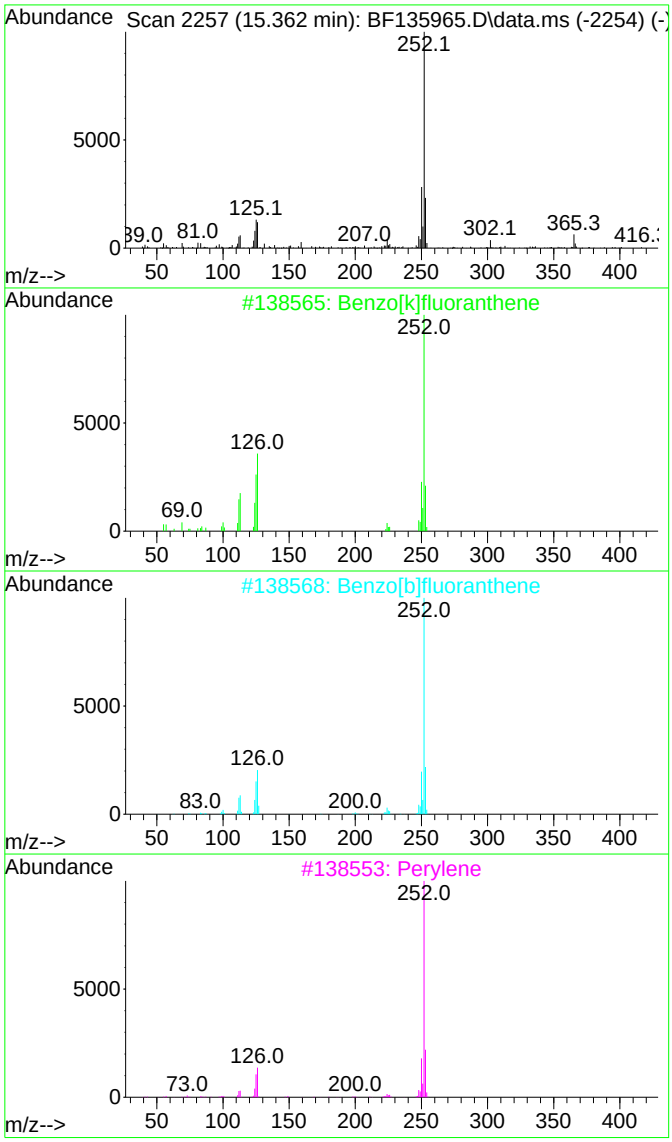
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

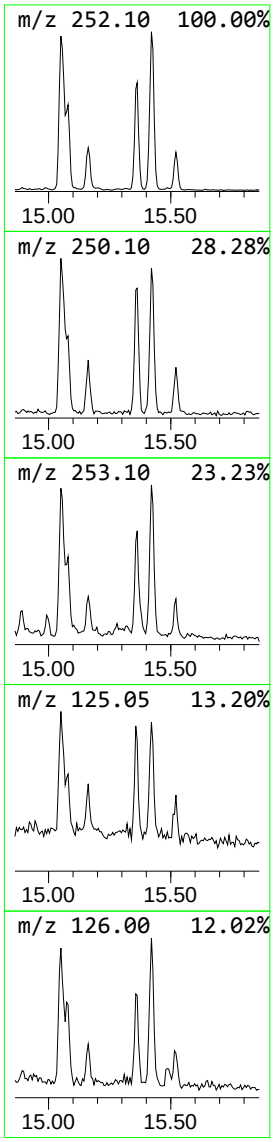
****

Peak Number 20 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	3.94 ng	161031	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135965.D
Acq On : 26 Oct 2023 16:04
Operator : CG\JU
Sample : 05039-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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
2-Pentanone, 4-...	5.057	3.4	ng	165256	1	6.822	980842	20.0
Carbonic acid, ...	6.663	3.4	ng	168327	1	6.822	980842	20.0
Dodecane	8.698	3.5	ng	267578	2	8.104	1523210	20.0
Tridecane, 6-me...	9.269	5.5	ng	398330	3	9.863	1447970	20.0
Naphthalene, 1,...	9.516	3.1	ng	223385	3	9.863	1447970	20.0
Tetratetracontane	9.586	3.4	ng	242176	3	9.863	1447970	20.0
Hexadecane	9.798	5.0	ng	362843	3	9.863	1447970	20.0
Pentadecane	10.304	5.0	ng	362952	3	9.863	1447970	20.0
Pentadecane, 2,...	10.522	3.5	ng	253014	3	9.863	1447970	20.0
Heptadecane	10.780	10.7	ng	582359	4	11.351	1087860	20.0
Octadecane	11.227	5.8	ng	315809	4	11.351	1087860	20.0
Heptadecane, 2,...	11.257	3.3	ng	180513	4	11.351	1087860	20.0
Eicosane	11.657	4.8	ng	258816	4	11.351	1087860	20.0
Hexadecanoic ac...	11.757	12.2	ng	663752	4	11.351	1087860	20.0
n-Hexadecanoic ...	11.892	3.8	ng	205813	4	11.351	1087860	20.0
Phenanthrene, 1...	11.963	3.5	ng	190692	4	11.351	1087860	20.0
Heptacosane	12.069	3.1	ng	166217	4	11.351	1087860	20.0
9,12-Octadecadi...	12.451	37.6	ng	2043660	4	11.351	1087860	20.0
9-Octadecenoic ...	12.474	25.2	ng	1370170	4	11.351	1087860	20.0
Perylene	15.362	3.9	ng	161031	6	15.492	817924	20.0