LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	481	484	494	rBB	55349	59338	3.41%	0.344%
2	5.595	550	554	566	rVB	640888	577194	33.14%	3.349%
3	6.595	720	724	732	rBV	686086	620634	35.63%	3.601%
4	6.731	743	747	750	rBV	748540	625930	35.94%	3.631%
5	6.954	782	785	789	rBV	366168	306879	17.62%	1.780%
6	7.113	808	812	815	rVB	614293	505146	29.00%	2.931%
7	7.484	869	875	877	rBV3	23716	31919	1.83%	0.185%
8	7.519	877	881	888	rVB	473450	442415	25.40%	2.567%
9	7.595	891	894	897	rVB3	23332	24244	1.39%	0.141%
10	7.636	897	901	905	rBV4	11457	19068	1.09%	0.111%
11	7.760	917	922	927	rVB5	24573	34376	1.97%	0.199%
12	7.848	929	937	939	rBV4	20765	33833	1.94%	0.196%
13	7.872	939	941	948	rVB5	27472	37129	2.13%	0.215%
14	7.972	955	958	961	rBV	26762	23007	1.32%	0.133%
15	8.201	995	997	1000	rBV	63950	58089	3.34%	0.337%
16	8.242	1000	1004	1008	rVV	423065	415283	23.84%	2.409%
17	8.283	1008	1011	1013	rVB	52425	48787	2.80%	0.283%
18	8.319	1013	1017	1022	rVB5	17447	19913	1.14%	0.116%
19	8.431	1034	1036	1042	rVB2	22131	20247	1.16%	0.117%
20	8.519	1047	1051	1056	rVB4	39973	46107	2.65%	0.267%
21	8.566	1056	1059	1063	rBV4	11326	23045	1.32%	0.134%
22	8.642	1069	1072	1074	rVB	52874	36725	2.11%	0.213%
23	8.736	1085	1088	1091	rBV2	27807	27099	1.56%	0.157%
24	8.813	1098	1101	1105	rVB	80961	59294	3.40%	0.344%
25	9.054	1140	1142	1144	rBV	35751	29090	1.67%	0.169%
26	9.136	1153	1156	1159	rVB3	18581	22904	1.32%	0.133%
27	9.178	1159	1163	1165	rBV4	24738	23334	1.34%	0.135%
28	9.242	1171	1174	1176	rVB	46546	32886	1.89%	0.191%
29	9.313	1182	1186	1189	rBV	919373	767363	44.06%	4.452%
30	9.378	1194	1197	1202	rBV	92373	79911	4.59%	0.464%
31	9.572	1227	1230	1235	rBV6	16418	27141	1.56%	0.157%
32	9.701	1248	1252	1257	rVB2	156249	151028	8.67%	0.876%
33	9.854	1275	1278	1282	rBV2	18970	21794	1.25%	0.126%
34	9.907	1284	1287	1291	rVB	102887	82931	4.76%	0.481%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.995	1299	1302	1306	rBV	422333	399091	22.91%	2.315%
36	10.030	1306	1308	1311	rVB	27855	21925	1.26%	0.127%
37	10.201	1333	1337	1339	rVB2	20753	21830	1.25%	0.127%
38	10.230	1339	1342	1346	rBV3	24289	29907	1.72%	0.174%
39	10.307	1352	1355	1358	rBV3	19145	23968	1.38%	0.139%
40	10.342	1358	1361	1366	rVB4	12772	19153	1.10%	0.111%
41	10.407	1366	1372	1375	rBV	111931	94289	5.41%	0.547%
42	10.548	1392	1396	1402	rVB	34702	48365	2.78%	0.281%
43	10.624	1405	1409	1412	rBV2	46817	56688	3.25%	0.329%
44	10.707	1420	1423	1428	rVB4	15719	22091	1.27%	0.128%
45	10.789	1433	1437	1441	rBV	487875	432820	24.85%	2.511%
46	10.883	1450	1453	1458	rBV	100489	136271	7.82%	0.791%
47	11.166	1498	1501	1505	rVB4	16041	20489	1.18%	0.119%
48	11.330	1526	1529	1531	rBV	89604	69187	3.97%	0.401%
49	11.360	1531	1534	1536	rVV2	42114	37545	2.16%	0.218%
50	11.489	1552	1556	1558	rBV	427493	374982	21.53%	2.175%
51	11.513	1558	1560	1564	rVV	353725	284020	16.31%	1.648%
52	11.566	1566	1569	1573	rVV	102347	89406	5.13%	0.519%
53	11.724	1591	1596	1598	rBV3	12628	21756	1.25%	0.126%
54	11.754	1598	1601	1604	rVB	66302	53893	3.09%	0.313%
55	11.860	1616	1619	1623	rVB	662982	538771	30.93%	3.126%
56	11.989	1638	1641	1644	rBV	47867	45140	2.59%	0.262%
57	12.019	1644	1646	1650	rVB	72309	55933	3.21%	0.324%
58	12.066	1650	1654	1657	rBV	31448	31518	1.81%	0.183%
59	12.107	1657	1661	1663	rVV2	87102	88890	5.10%	0.516%
60	12.124	1663	1664	1668	rVB	33691	23910	1.37%	0.139%
61	12.166	1668	1671	1674	rBV	57032	50445	2.90%	0.293%
62	12.283	1686	1691	1694	rBV	46465	45053	2.59%	0.261%
63	12.554	1732	1737	1739	rBV	1545870	1741658	100.00%	10.104%
64	12.577	1739	1741	1747	rVV2	1280287	1188720	68.25%	6.896%
65	12.630	1747	1750	1751	rVV	37182	36458	2.09%	0.212%
66	12.654	1751	1754	1759	rVB	359141	295785	16.98%	1.716%
67	12.707	1759	1763	1767	rBV	627935	581103	33.36%	3.371%
68	12.942	1796	1803	1808	rVB	567619	637461	36.60%	3.698%
69	12.983	1808	1810	1817	rBV2	28755	38408	2.21%	0.223%
70	13.071	1817	1825	1828	rBV	789353	709384	40.73%	4.115%
71	13.101	1828	1830	1833	rVB	23103	19479	1.12%	0.113%

LSC Area Percent Report

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Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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72	13.160	1835	1840	1844	rBV3	37635	77980	4.48%	0.452%
73	13.242	1851	1854	1855	rBV2	26847	26605	1.53%	0.154%
74	13.265	1855	1858	1860	rVV2	57504	56019	3.22%	0.325%
75	13.330	1867	1869	1871	rVB	61793	45156	2.59%	0.262%
76	13.371	1871	1876	1879	rBV3	62614	88098	5.06%	0.511%
77	13.466	1889	1892	1894	rBV	24551	19991	1.15%	0.116%
78	13.495	1894	1897	1900	rBV2	49087	51232	2.94%	0.297%
79	13.624	1916	1919	1922	rBV2	24808	27793	1.60%	0.161%
80	13.777	1942	1945	1948	rVV	41148	42985	2.47%	0.249%
81	13.889	1961	1964	1966	rBV2	38312	38485	2.21%	0.223%
82	13.913	1966	1968	1971	rVV	47979	42501	2.44%	0.247%
83	13.954	1971	1975	1978	rVV2	90737	122213	7.02%	0.709%
84	13.983	1978	1980	1983	rVB	46668	41675	2.39%	0.242%
85	14.054	1988	1992	1997	rBV2	47804	82325	4.73%	0.478%
86	14.142	2002	2007	2009	rVV2	493441	696272	39.98%	4.039%
87	14.165	2009	2011	2019	rVB	291689	271074	15.56%	1.573%
88	14.248	2023	2025	2027	rBV	60555	49445	2.84%	0.287%
89	14.371	2042	2046	2049	rBV2	31775	48235	2.77%	0.280%
90	14.530	2071	2073	2076	rVB	48185	40127	2.30%	0.233%
91	14.565	2077	2079	2081	rBV	24321	25110	1.44%	0.146%
92	14.683	2097	2099	2104	rVB3	50358	45151	2.59%	0.262%
93	15.224	2186	2191	2194	rBV	236576	387223	22.23%	2.246%
94	15.336	2207	2210	2217	rBV	54301	67348	3.87%	0.391%
95	15.542	2242	2245	2252	rVB	132489	182548	10.48%	1.059%
96	15.612	2252	2257	2263	rBV	225719	296861	17.04%	1.722%
97	15.677	2263	2268	2272	rBV	250513	364246	20.91%	2.113%
98	17.248	2530	2535	2539	rBV3	62117	107361	6.16%	0.623%
99	17.483	2571	2575	2581	rVB6	32413	66435	3.81%	0.385%
100	17.718	2610	2615	2622	rVB	49396	106776	6.13%	0.619%

Sum of corrected areas: 17237145

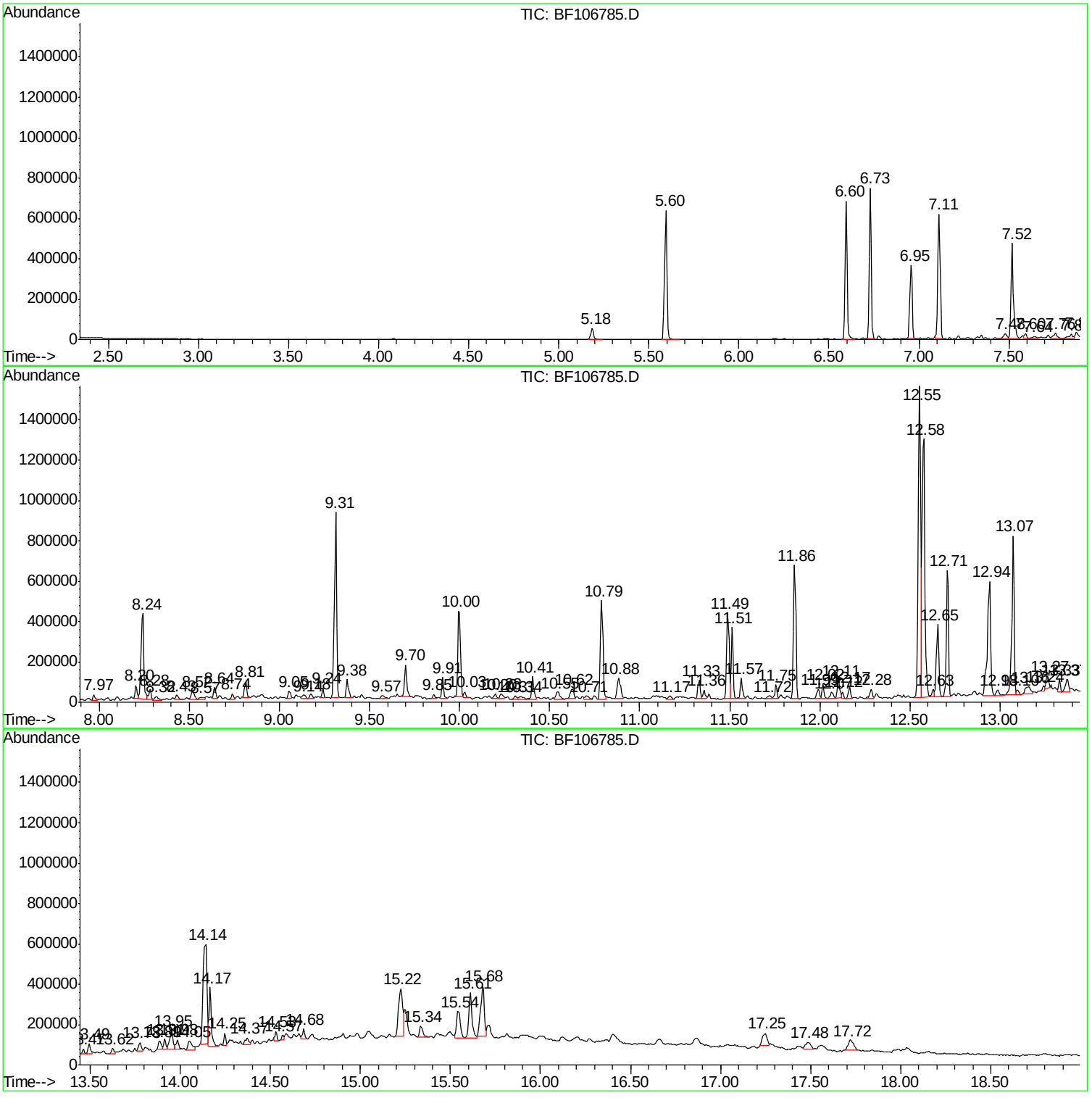
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
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Instrument : BNA_F
ClientSampleId : HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

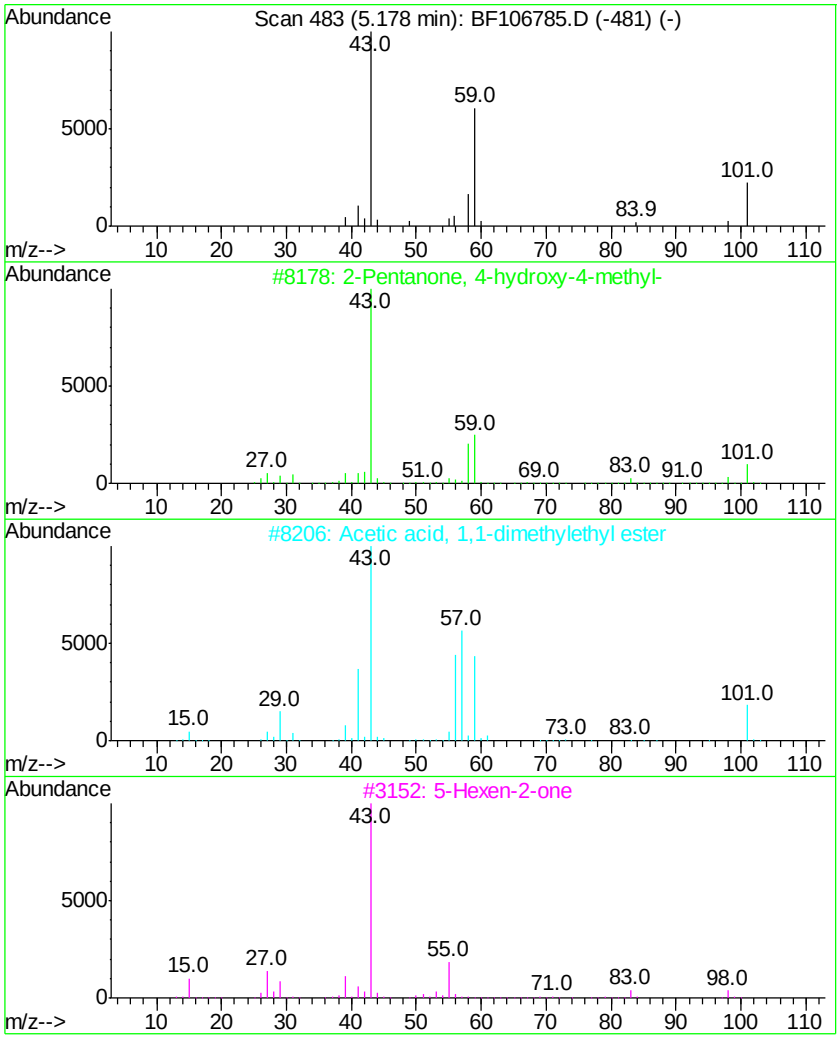
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

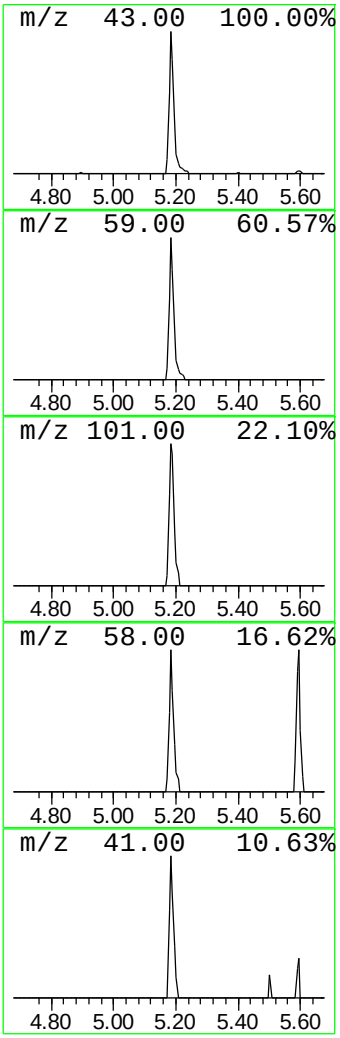
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.87 ng	59338	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	3-Octanol	130	C8H18O	000589-98-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

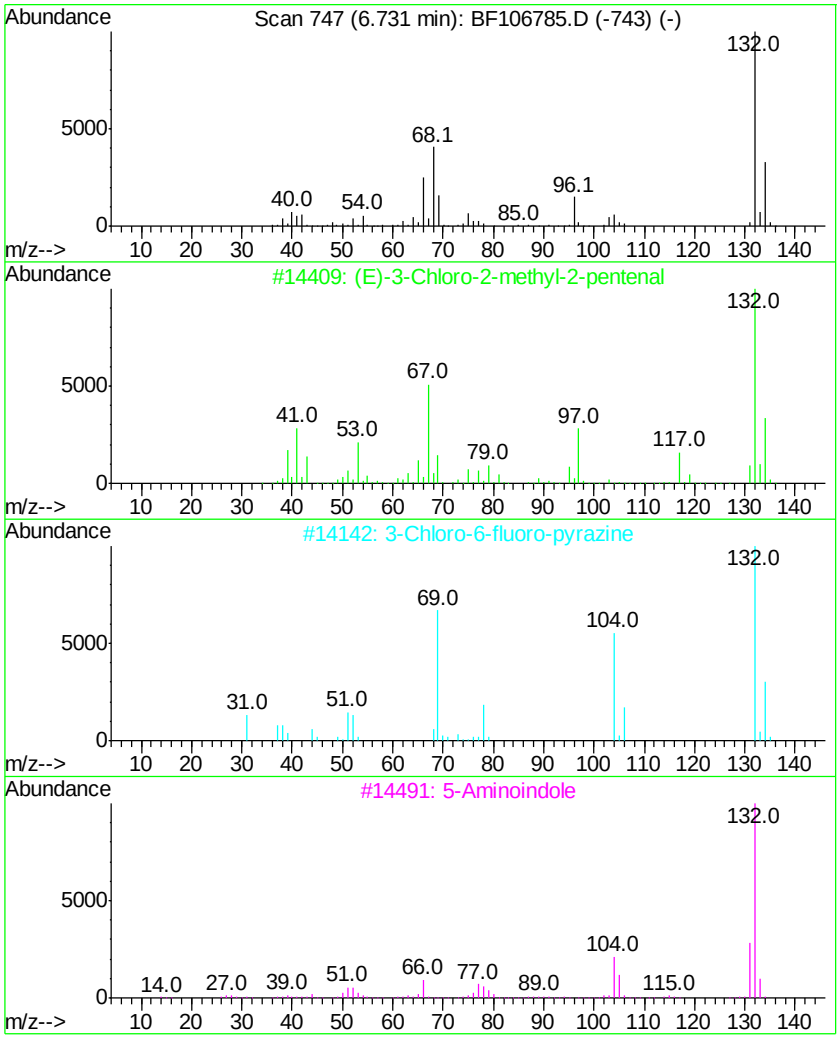
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

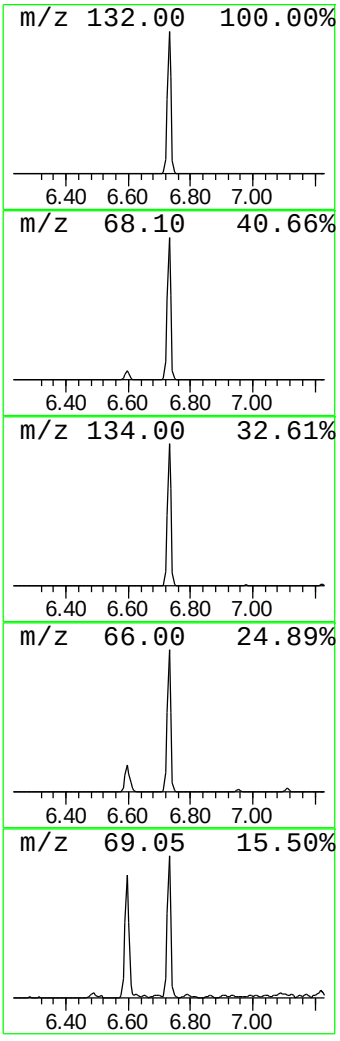
****

Peak Number 2 unknown6.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	40.79 ng	625930	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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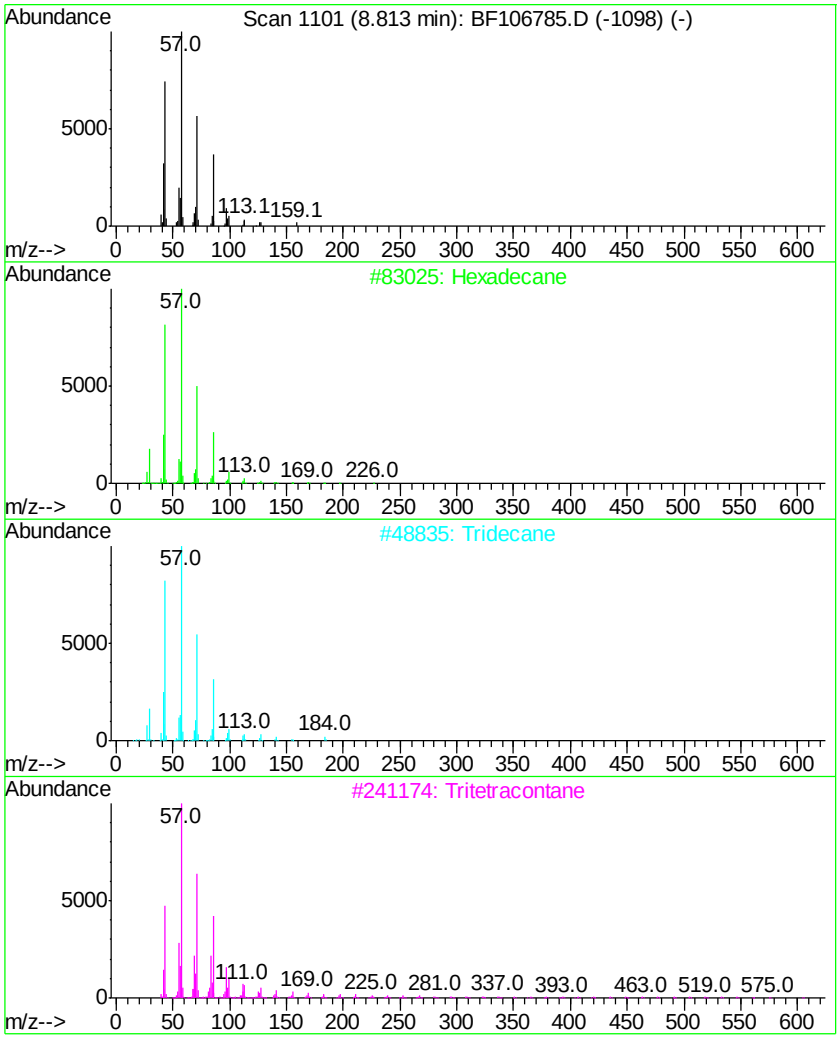
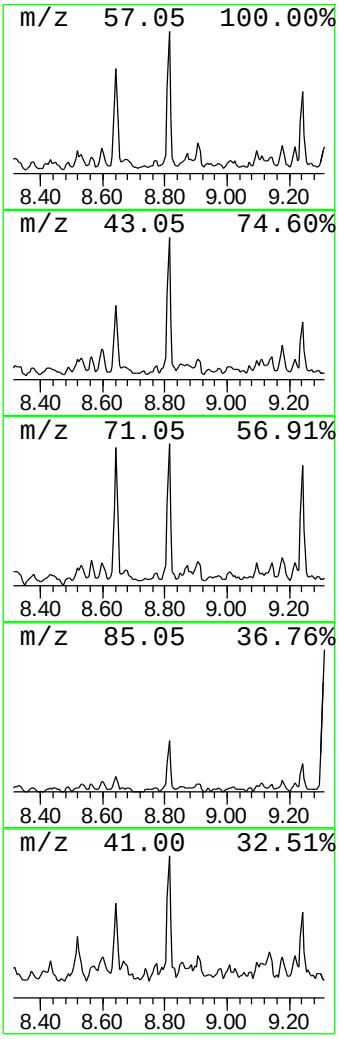
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.86 ng	59294	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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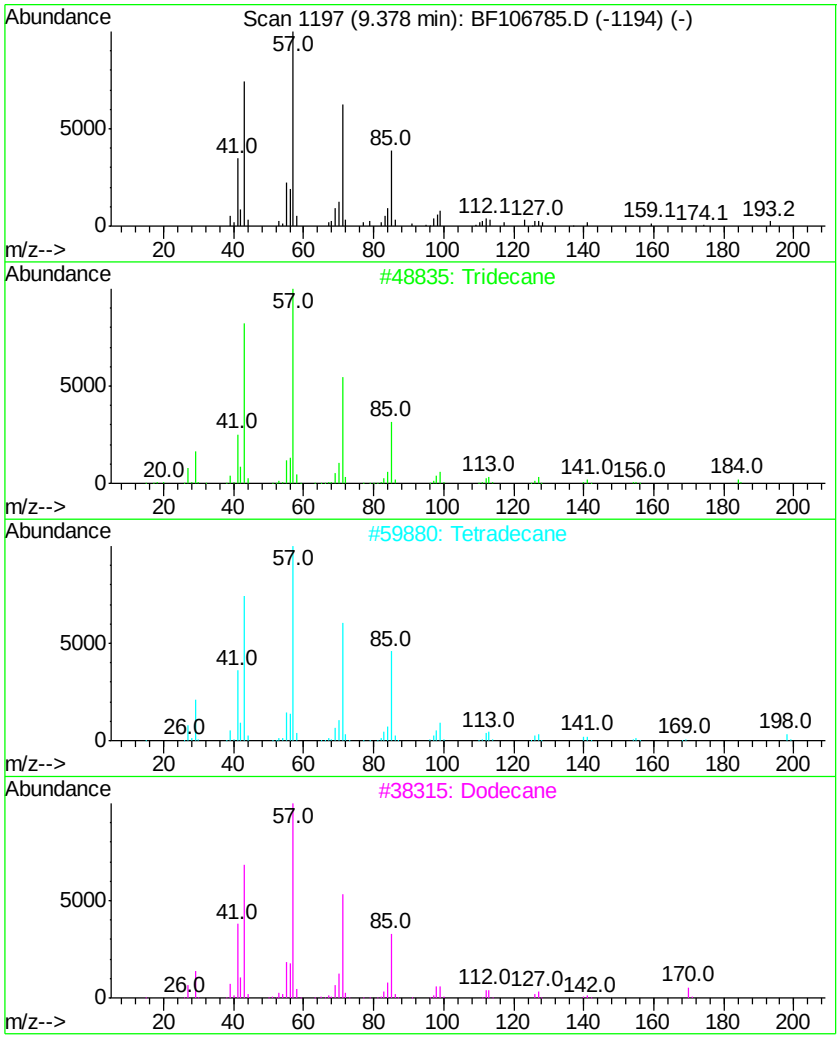
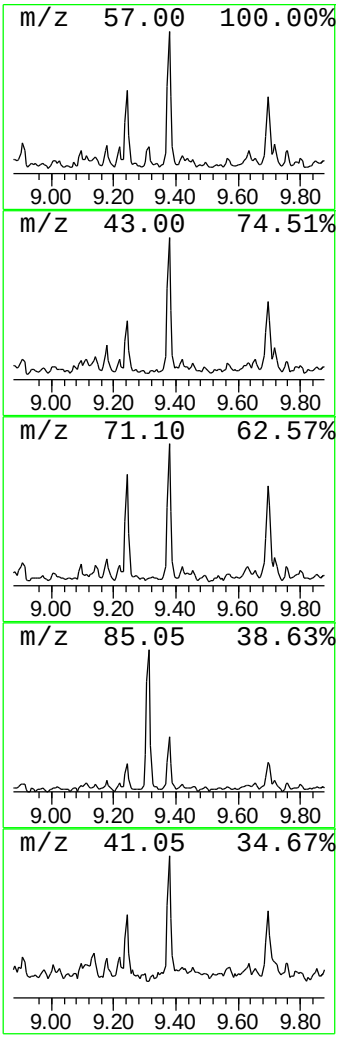
Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.00 ng	79911	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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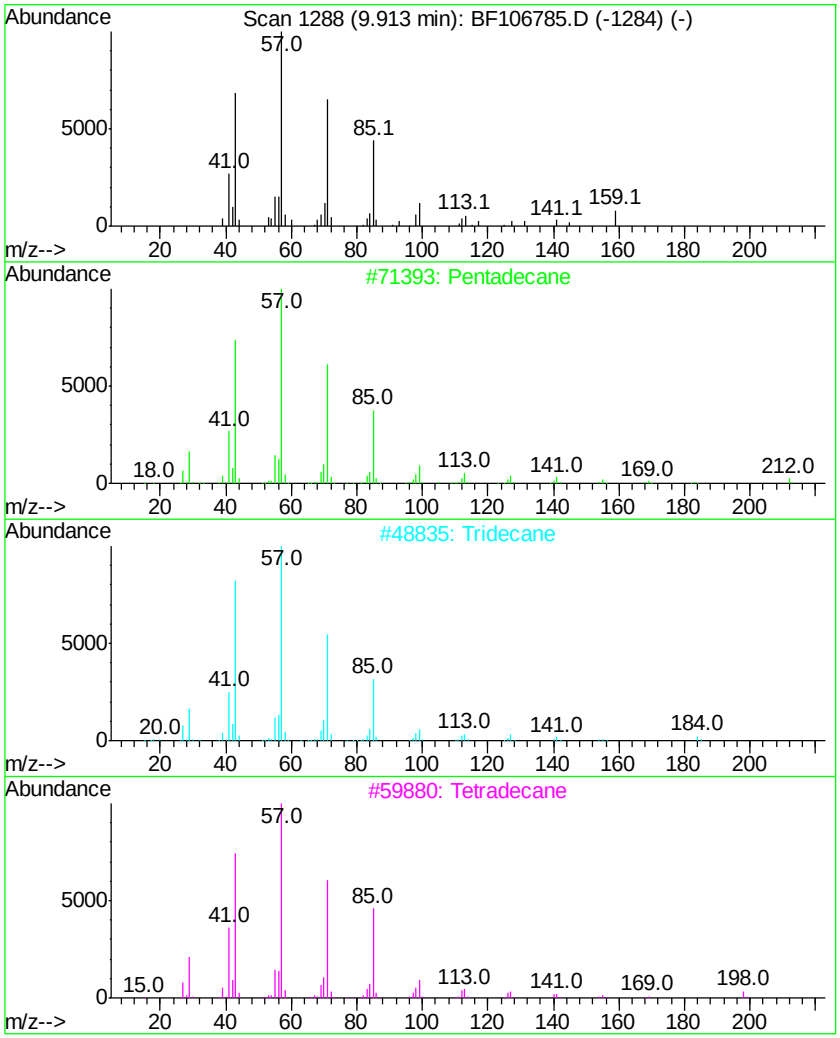
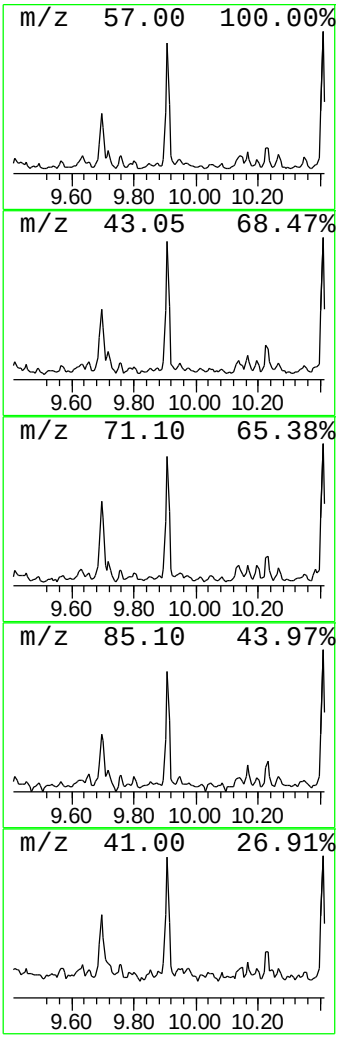
Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	4.16 ng	82931	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Hexadecane	226	C16H34	000544-76-3	72





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Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

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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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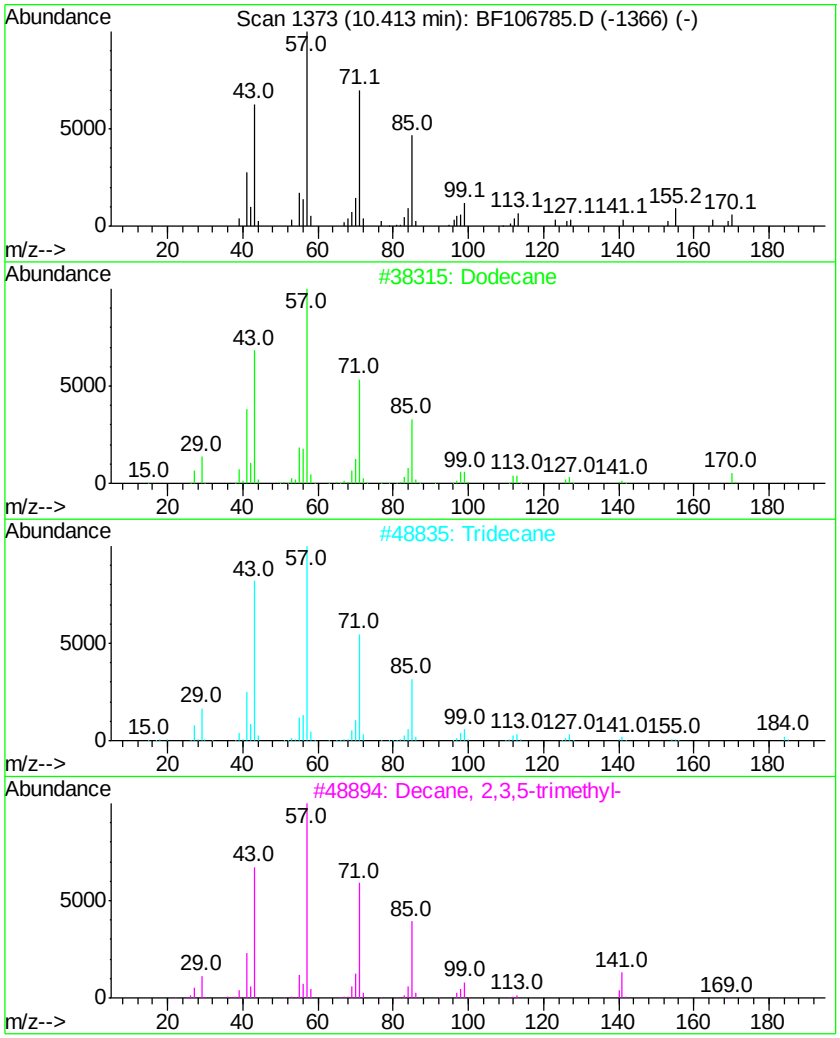
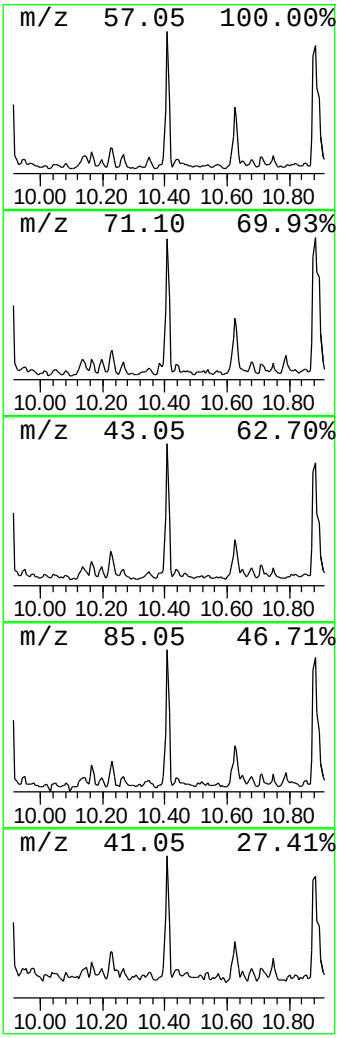
Peak Number 7 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.73 ng	94289	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Heneicosane	296	C21H44	000629-94-7	78





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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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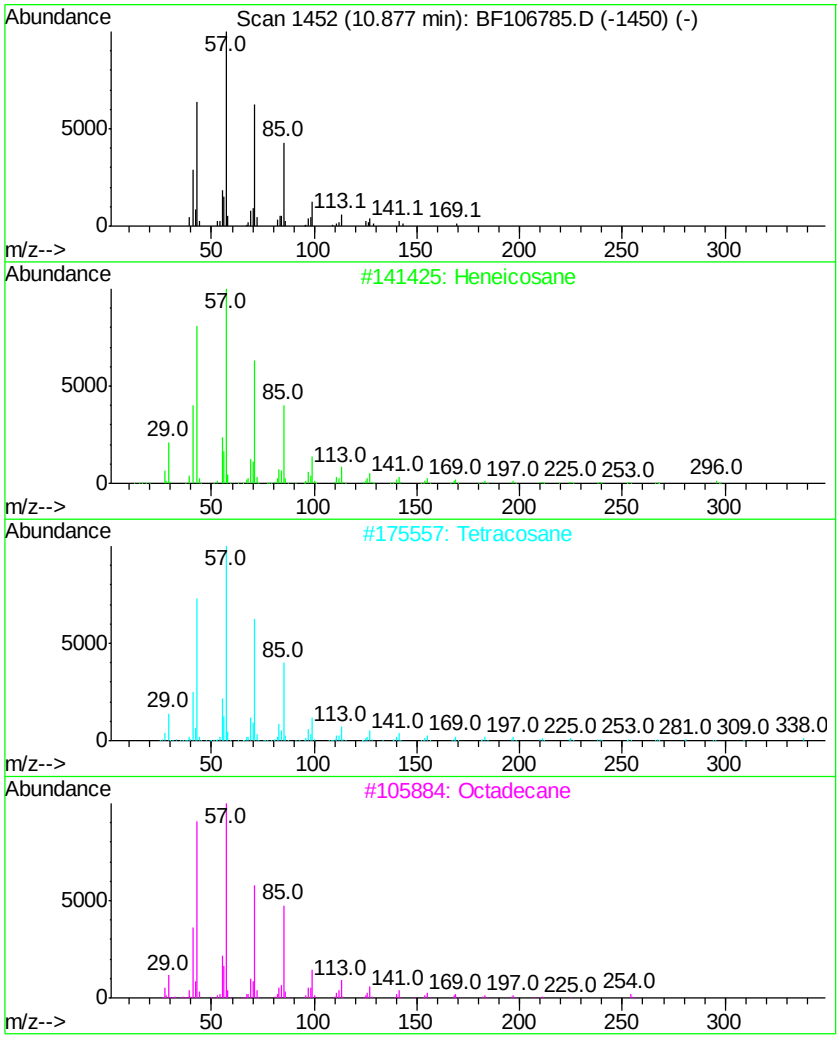
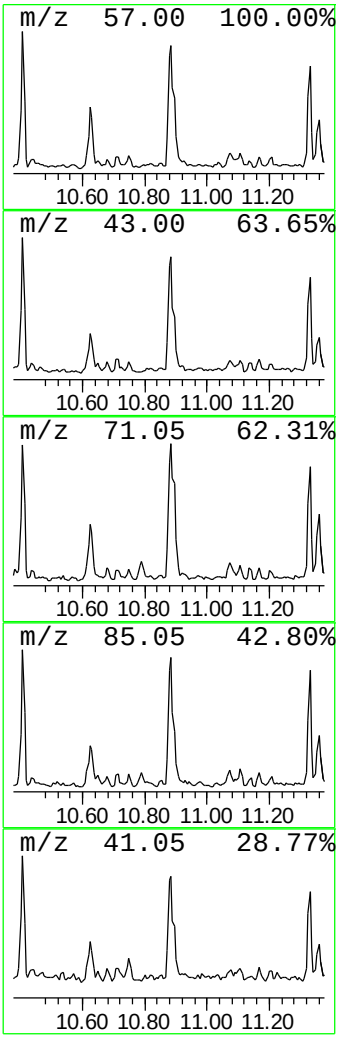
Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	7.27 ng	136271	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Misc :
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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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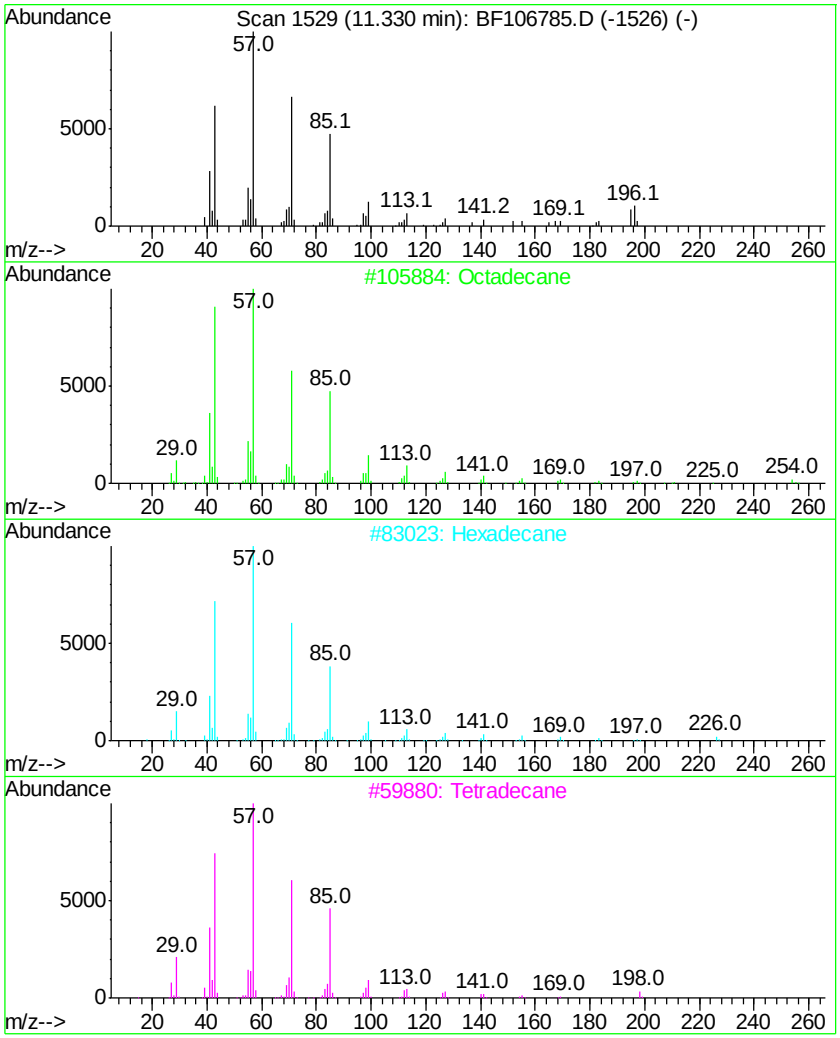
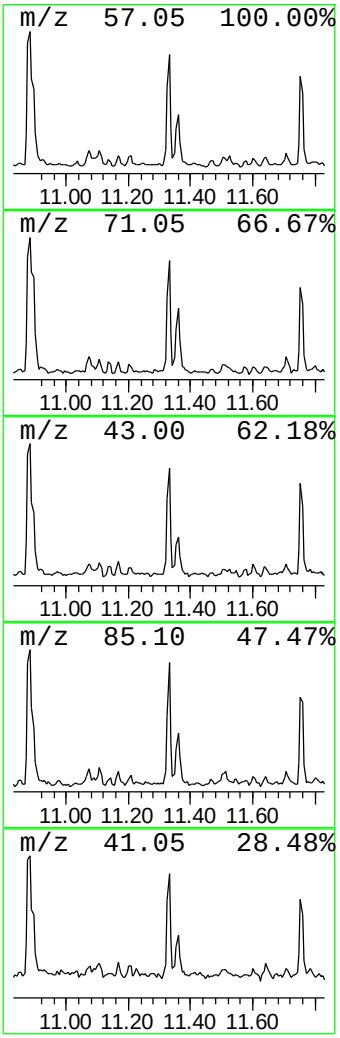
Peak Number 9 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.69 ng	69187	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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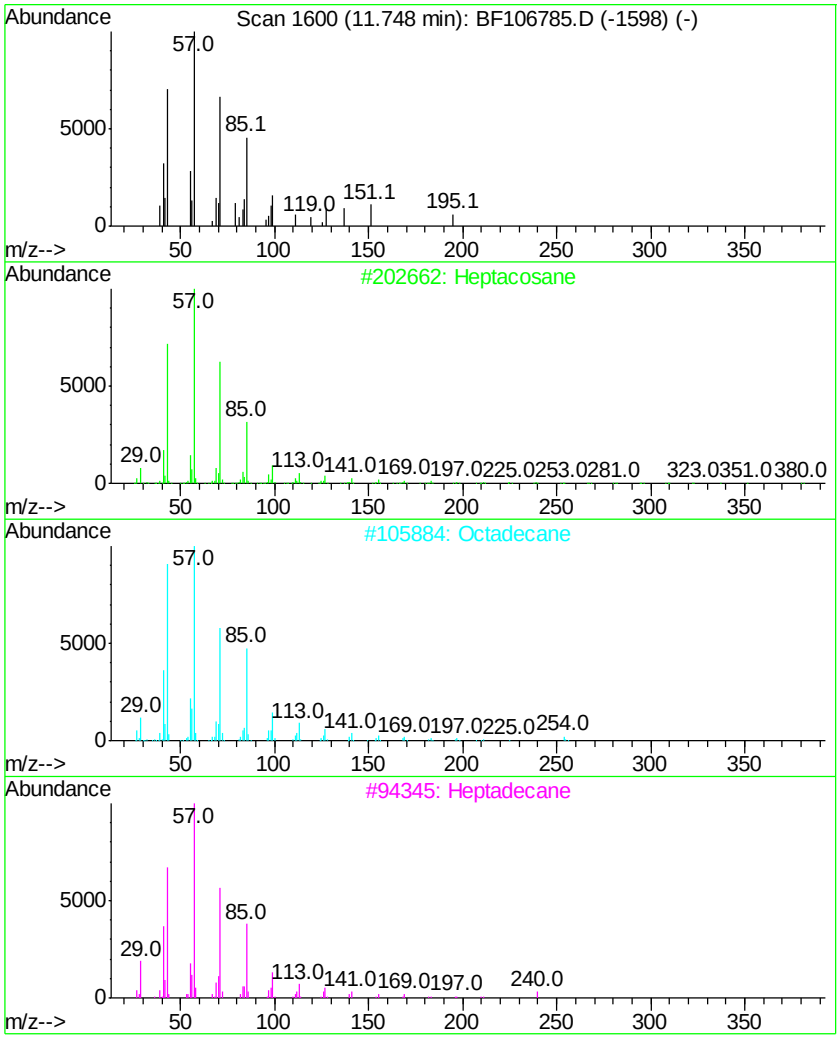
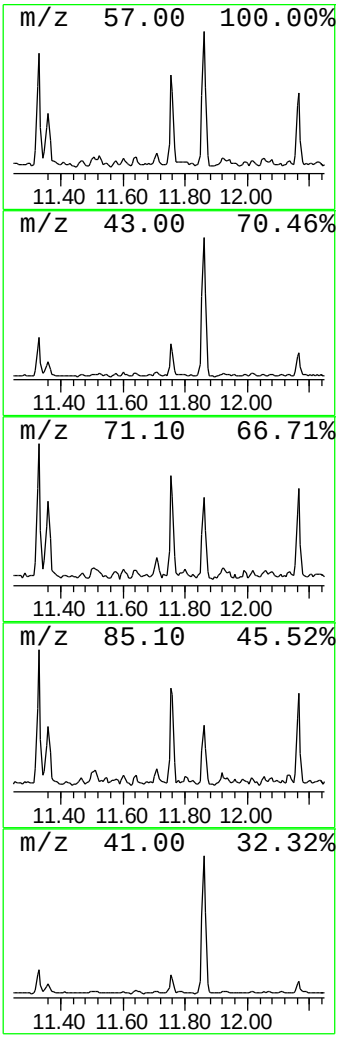
Peak Number 10 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.87 ng	53893	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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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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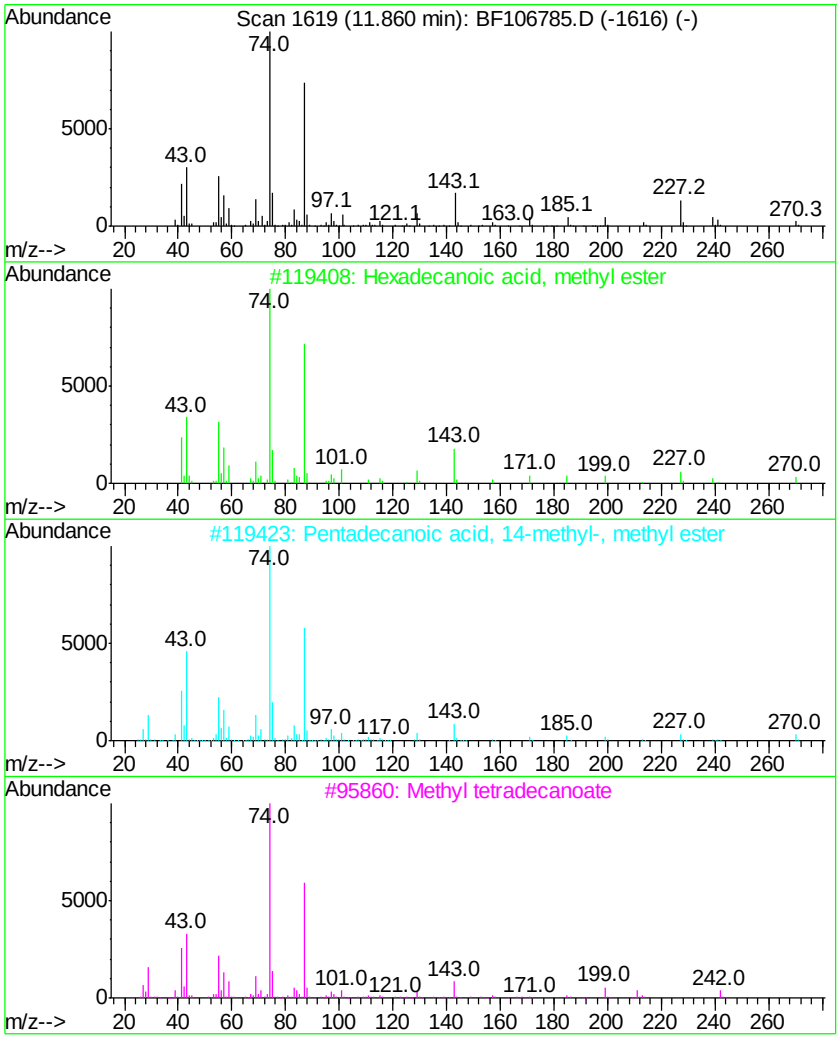
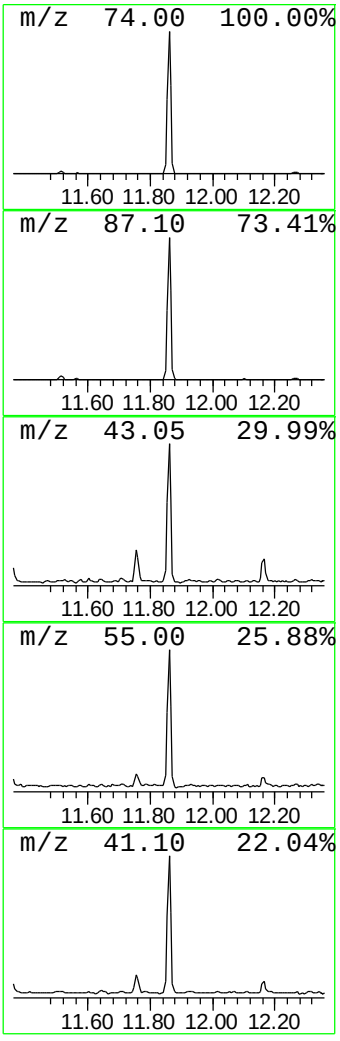
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	28.74 ng	538771	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	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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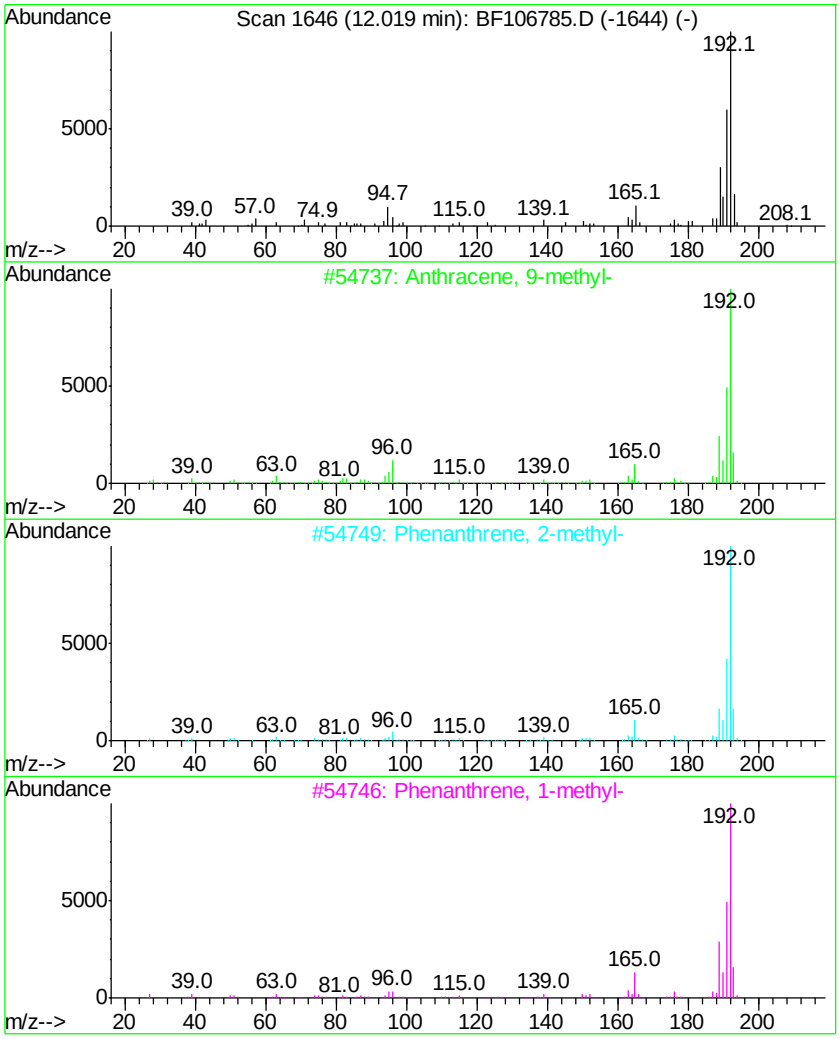
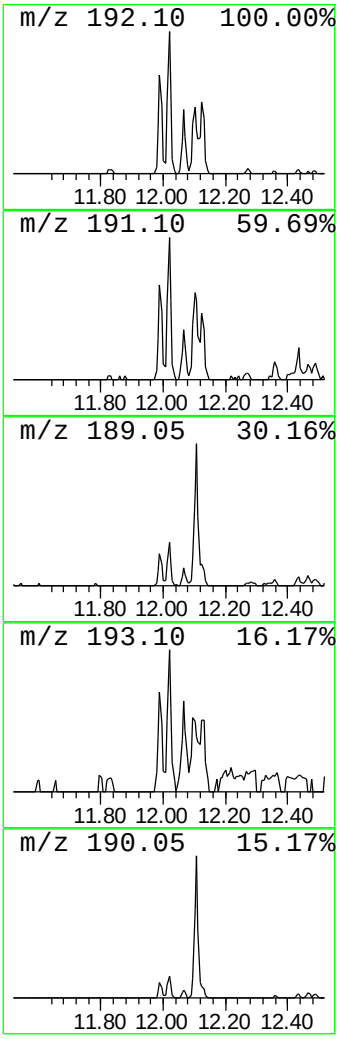
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.98 ng	55933	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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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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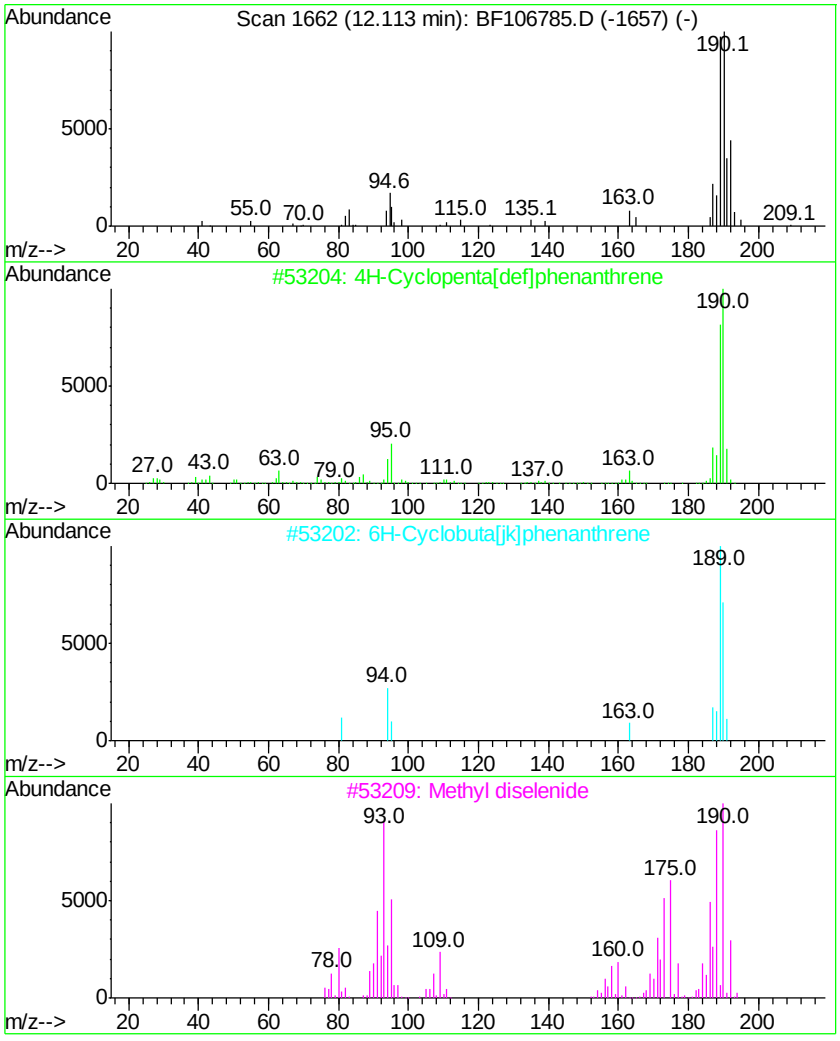
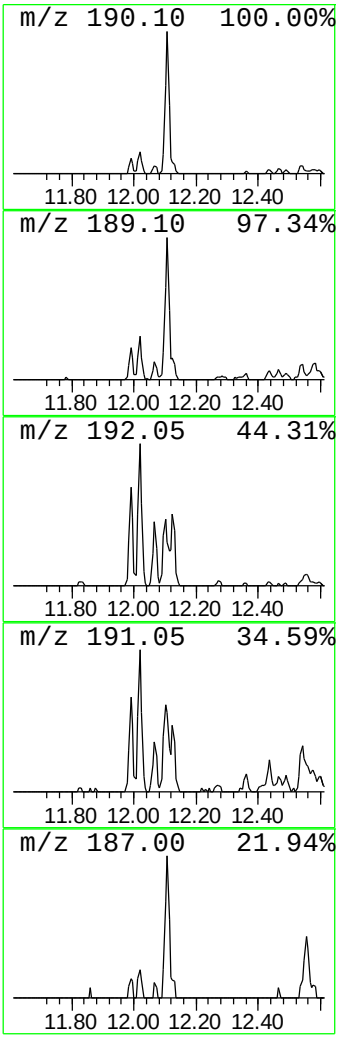
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.74 ng	88890	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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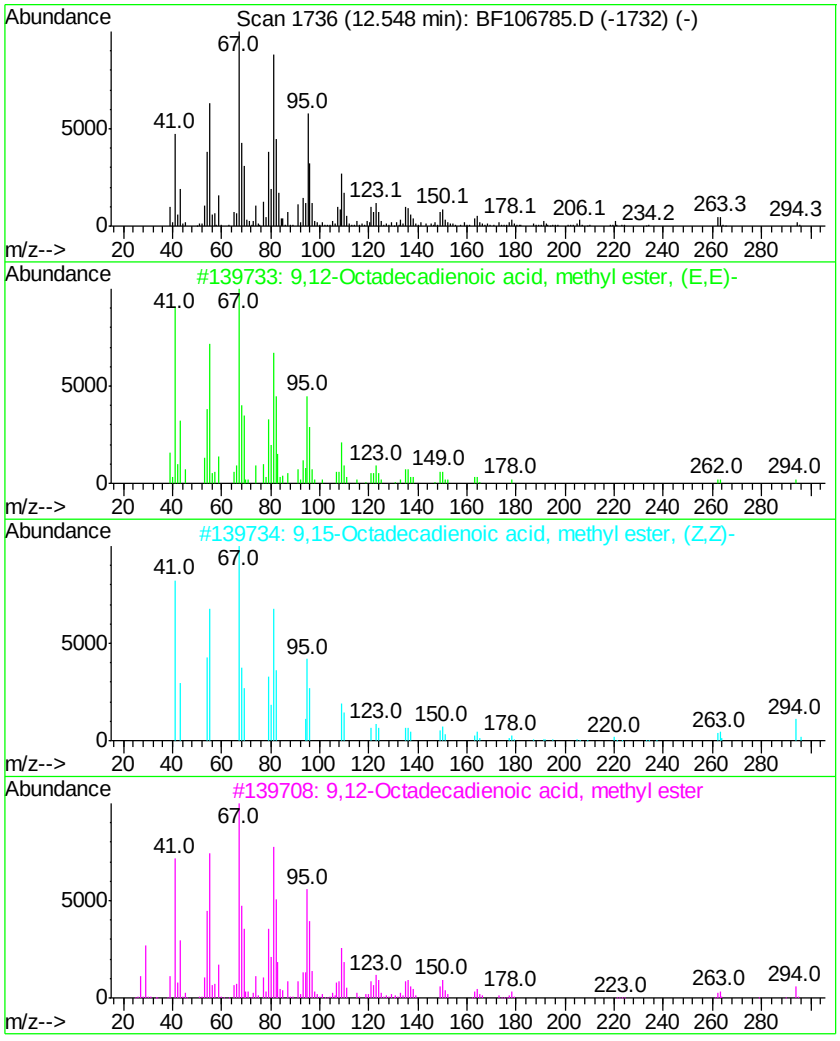
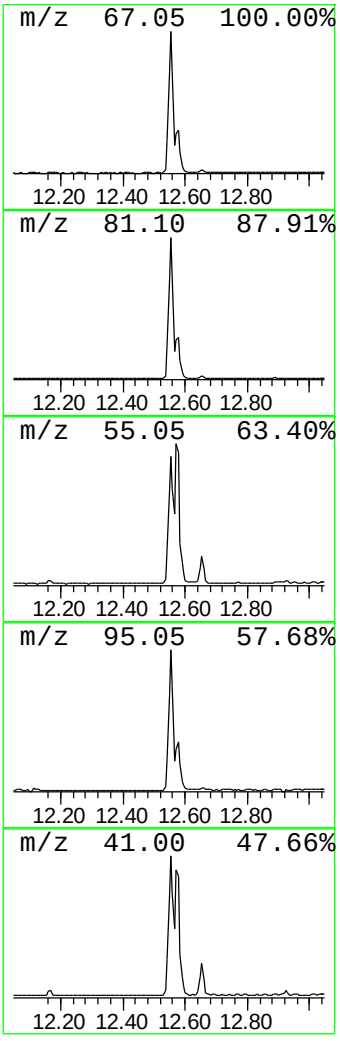
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	92.89 ng	1741660	Phenanthrene-d10	11.49

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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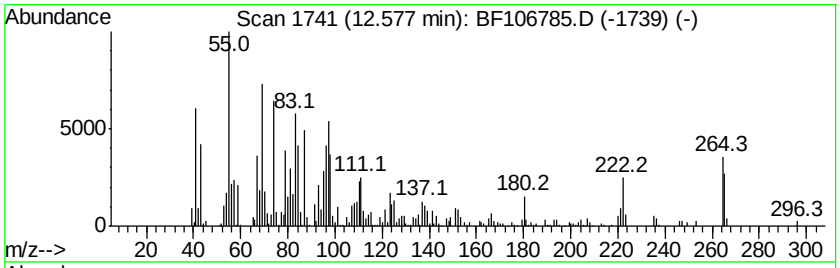
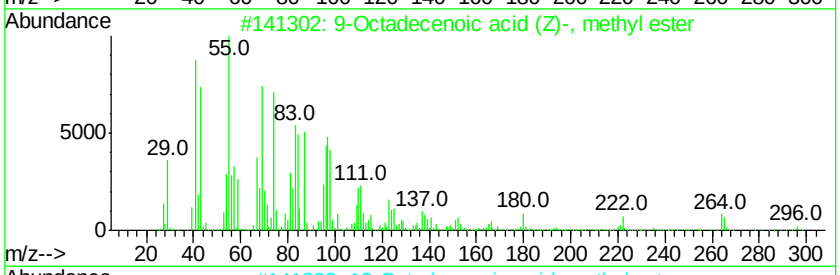
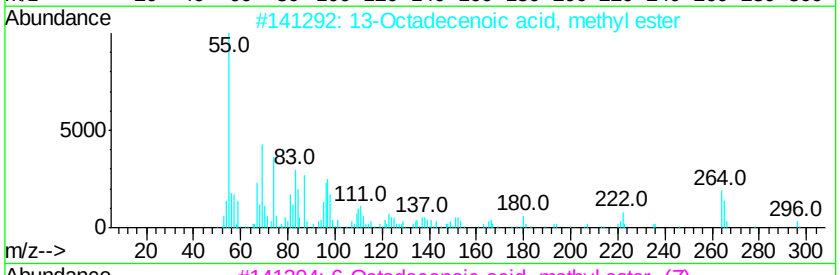
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

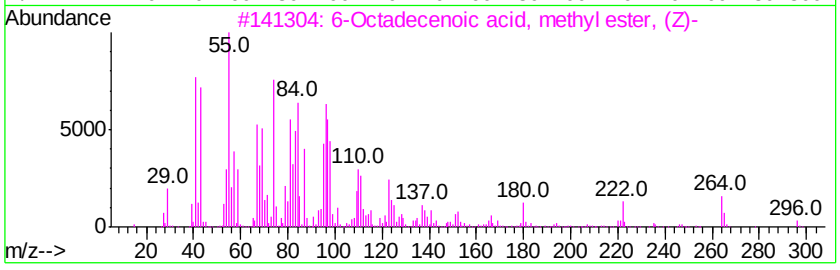
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	63.40 ng	1188720	Phenanthrene-d10	11.49

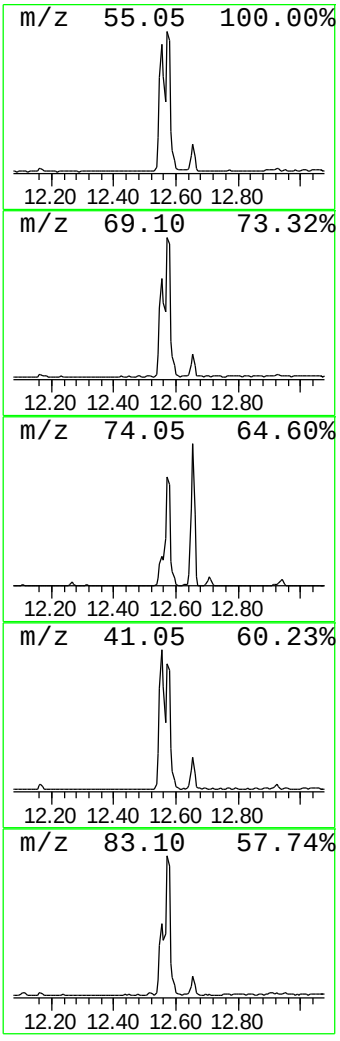
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94











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ALS Vial : 15 Sample Multiplier: 1

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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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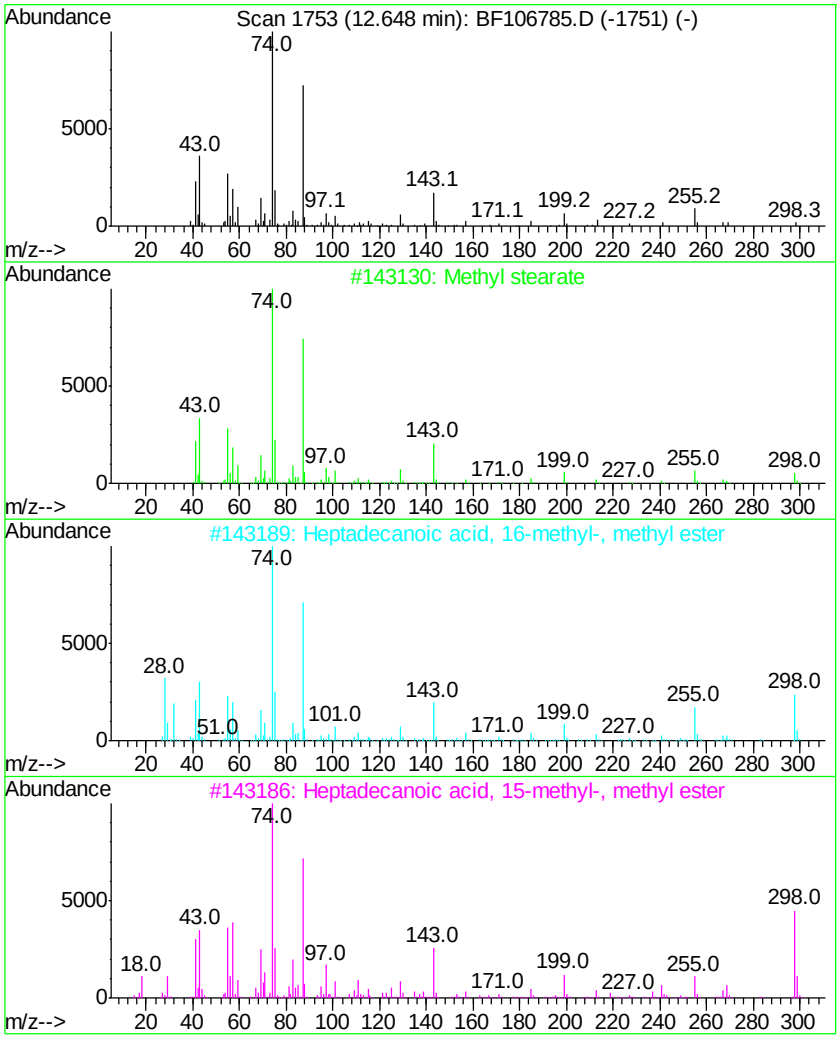
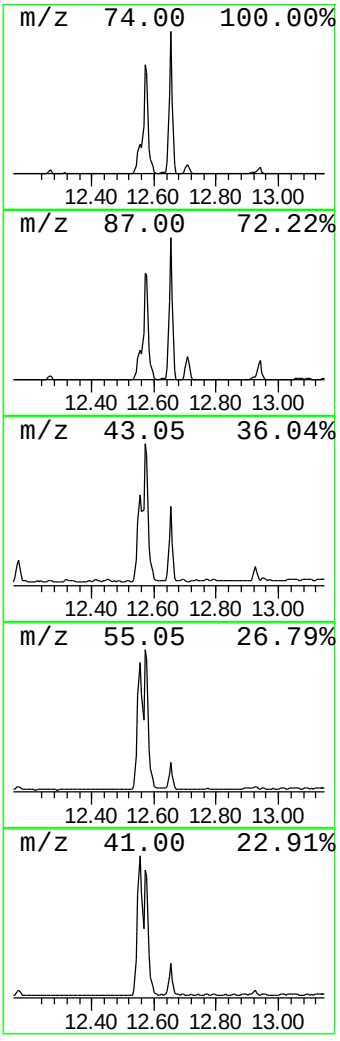
Peak Number 16 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	15.78 ng	295785	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83





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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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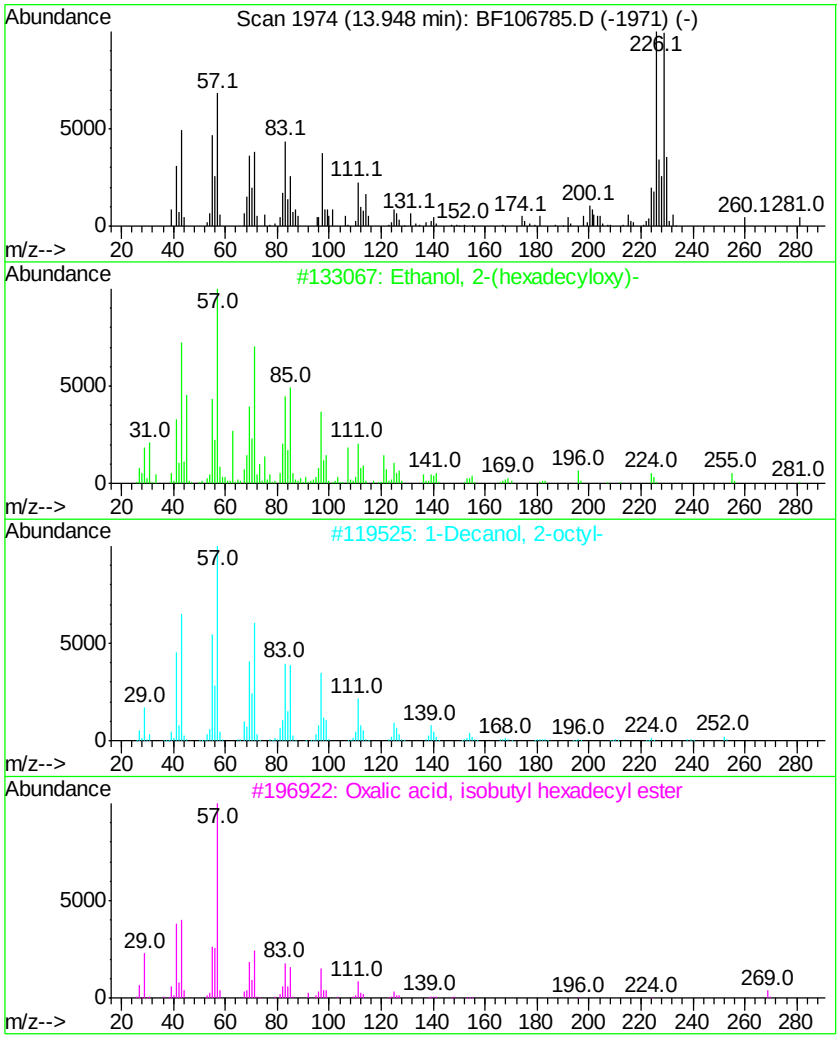
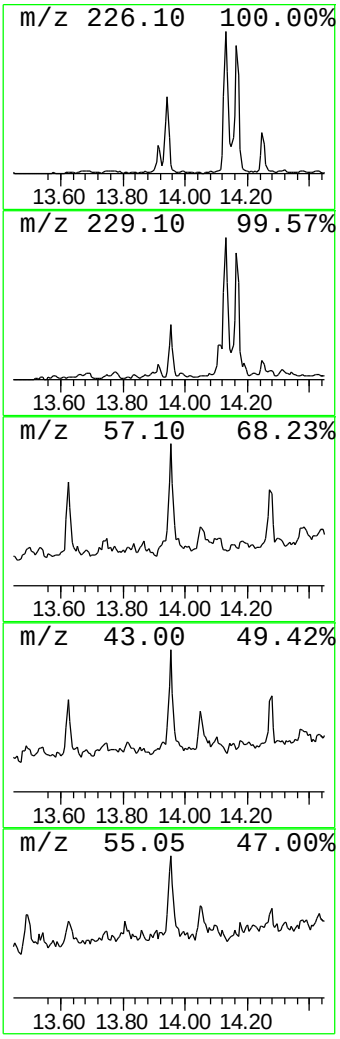
Peak Number 17 unknown13.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.51 ng	122213	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	38
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	38
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

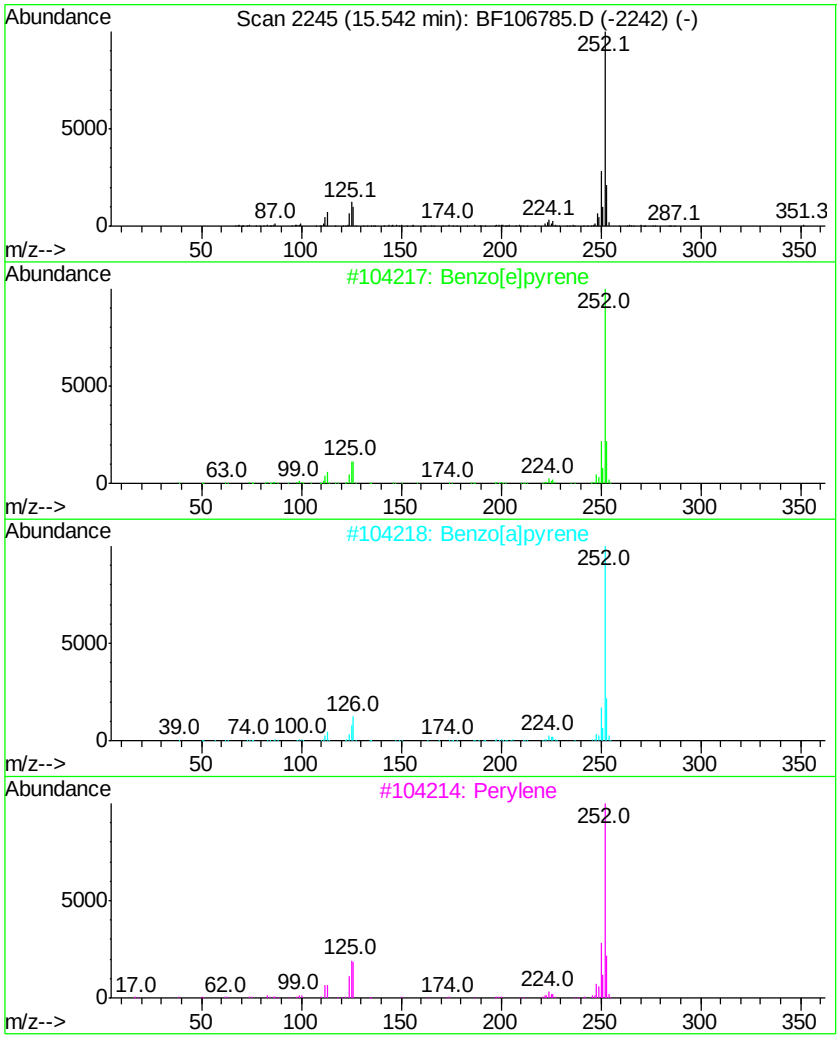
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

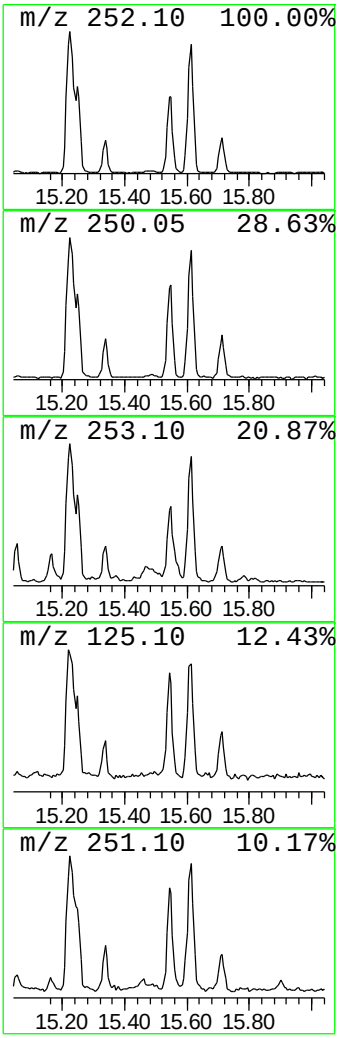
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	10.02 ng	182548	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

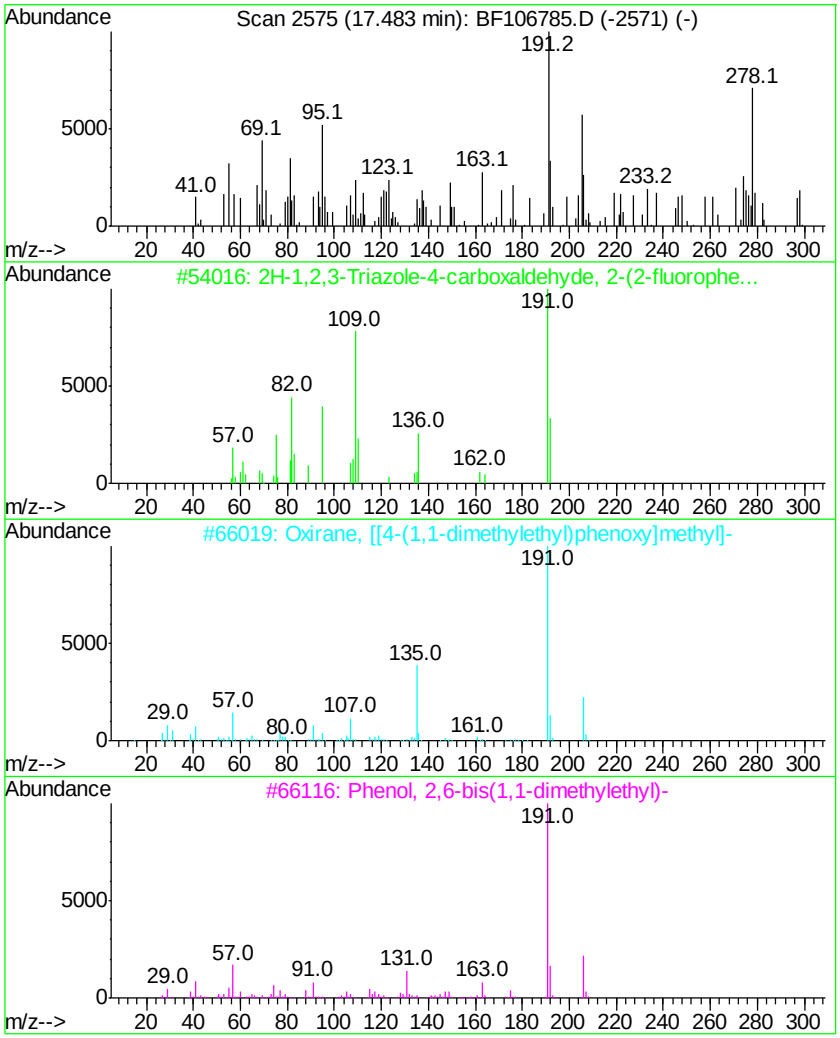
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

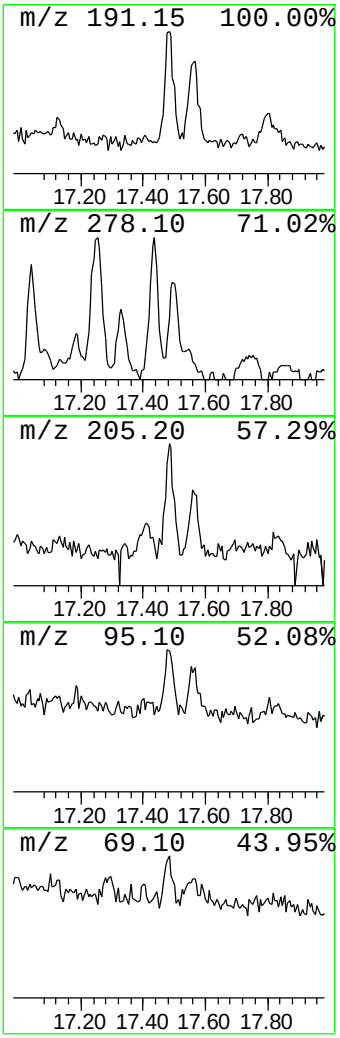
****

Peak Number 20 2H-1,2,3-Triazole-4-carboxa... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	3.65 ng	66435	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	35
2	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	25
3	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	25
4	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	22
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106785.D
Acq On : 25 Jun 2018 21:28
Operator : JU/SJ
Sample : J3241-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
2-Pentanone, 4-hy...	5.18	3.9	ng	59338	1	6.95	306879	20.0
unknown6.73	6.73	40.8	ng	625930	1	6.95	306879	20.0
Hexadecane	8.81	2.9	ng	59294	2	8.24	415283	20.0
Tridecane	9.38	4.0	ng	79911	3	10.00	399091	20.0
Pentadecane	9.91	4.2	ng	82931	3	10.00	399091	20.0
Dodecane	10.41	4.7	ng	94289	3	10.00	399091	20.0
Heneicosane	10.88	7.3	ng	136271	4	11.49	374982	20.0
Octadecane	11.33	3.7	ng	69187	4	11.49	374982	20.0
Heptacosane	11.75	2.9	ng	53893	4	11.49	374982	20.0
Hexadecanoic acid...	11.86	28.7	ng	538771	4	11.49	374982	20.0
Anthracene, 9-met...	12.02	3.0	ng	55933	4	11.49	374982	20.0
4H-Cyclopenta[def...	12.11	4.7	ng	88890	4	11.49	374982	20.0
9,12-Octadecadien...	12.55	92.9	ng	1741660	4	11.49	374982	20.0
9-Octadecenoic ac...	12.58	63.4	ng	1188720	4	11.49	374982	20.0
Methyl stearate	12.65	15.8	ng	295785	4	11.49	374982	20.0
unknown13.95	13.95	3.5	ng	122213	5	14.14	696272	20.0
Benzo[e]pyrene	15.54	10.0	ng	182548	6	15.68	364246	20.0
2H-1,2,3-Triazole...	17.48	3.6	ng	66435	6	15.68	364246	20.0