LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	4.251	362	368	374	rBV	52239	65229	2.78%	0.242%
2	4.893	473	477	486	rBV	594683	646725	27.52%	2.399%
3	5.322	546	550	553	rBV	1635188	1460644	62.15%	5.419%
4	6.351	720	725	728	rBV	2362037	2350076	100.00%	8.719%
5	6.481	743	747	750	rBV	2219485	1944582	82.75%	7.214%
6	6.710	782	786	789	rBV	933381	737419	31.38%	2.736%
7	6.781	793	798	802	rBV2	24771	27541	1.17%	0.102%
8	6.869	809	813	816	rBV	2151255	1854121	78.90%	6.879%
9	7.269	874	881	884	rBV	1582567	1565414	66.61%	5.808%
10	7.369	893	898	901	rVB2	28806	34247	1.46%	0.127%
11	7.522	920	924	928	rVB3	17106	26836	1.14%	0.100%
12	7.992	1000	1004	1007	rBV	1190754	978659	41.64%	3.631%
13	8.434	1076	1079	1083	rBV	45522	44216	1.88%	0.164%
14	8.598	1103	1107	1110	rBV	55939	57914	2.46%	0.215%
15	8.704	1121	1125	1128	rVB2	50346	53238	2.27%	0.198%
16	8.804	1139	1142	1147	rBV2	38059	44299	1.89%	0.164%
17	9.034	1178	1181	1183	rVB	43590	37258	1.59%	0.138%
18	9.069	1183	1187	1191	rBV	2394476	2316111	98.55%	8.593%
19	9.163	1199	1203	1207	rBV2	104543	108124	4.60%	0.401%
20	9.328	1228	1231	1235	rBV2	31326	35586	1.51%	0.132%
21	9.410	1242	1245	1247	rBV	39291	39506	1.68%	0.147%
22	9.463	1251	1254	1256	rBV	251728	196647	8.37%	0.730%
23	9.486	1256	1258	1260	rVB	57806	39258	1.67%	0.146%
24	9.604	1275	1278	1280	rBV	36284	32019	1.36%	0.119%
25	9.692	1291	1293	1297	rVB	135610	103556	4.41%	0.384%
26	9.745	1297	1302	1305	rBV2	1002998	910481	38.74%	3.378%
27	9.775	1305	1307	1310	rVB	87321	72576	3.09%	0.269%
28	9.857	1317	1321	1325	rVB5	21559	33814	1.44%	0.125%
29	9.951	1334	1337	1340	rVB2	85116	84681	3.60%	0.314%
30	9.986	1340	1343	1346	rVB2	33187	28475	1.21%	0.106%
31	10.016	1346	1348	1351	rVB2	38245	33351	1.42%	0.124%
32	10.063	1352	1356	1358	rBV2	32517	39672	1.69%	0.147%
33	10.157	1364	1372	1375	rBV8	39913	74038	3.15%	0.275%
34	10.192	1375	1378	1381	rVB	155715	118908	5.06%	0.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.292	1392	1395	1397	rVB	58201	48967	2.08%	0.182%
36	10.416	1412	1416	1419	rBV	92755	107361	4.57%	0.398%
37	10.498	1427	1430	1432	rBV2	30433	30954	1.32%	0.115%
38	10.528	1432	1435	1440	rVB	385456	335995	14.30%	1.247%
39	10.663	1455	1458	1460	rBV	184618	186930	7.95%	0.694%
40	10.869	1489	1493	1495	rVB4	25265	32930	1.40%	0.122%
41	10.986	1512	1513	1518	rVB4	27576	24765	1.05%	0.092%
42	11.027	1518	1520	1526	rVB	45064	43391	1.85%	0.161%
43	11.080	1526	1529	1531	rBV3	25946	31956	1.36%	0.119%
44	11.110	1531	1534	1537	rVV2	139597	151381	6.44%	0.562%
45	11.145	1537	1540	1545	rVB	87794	88512	3.77%	0.328%
46	11.227	1550	1554	1556	rBV	741854	686188	29.20%	2.546%
47	11.251	1556	1558	1561	rVB	651711	498451	21.21%	1.849%
48	11.298	1561	1566	1569	rBV	181707	157009	6.68%	0.583%
49	11.463	1589	1594	1597	rBV2	57108	89267	3.80%	0.331%
50	11.539	1603	1607	1609	rBV2	100582	95127	4.05%	0.353%
51	11.633	1621	1623	1628	rVB2	47408	43311	1.84%	0.161%
52	11.727	1637	1639	1641	rBV	93000	73382	3.12%	0.272%
53	11.757	1641	1644	1649	rVB	132563	134444	5.72%	0.499%
54	11.798	1649	1651	1654	rBV2	56325	60680	2.58%	0.225%
55	11.839	1654	1658	1660	rVV	157148	169836	7.23%	0.630%
56	11.863	1660	1662	1667	rVB	95512	88242	3.75%	0.327%
57	11.945	1673	1676	1682	rVB2	85408	82000	3.49%	0.304%
58	12.022	1686	1689	1691	rBV	114527	99782	4.25%	0.370%
59	12.039	1691	1692	1697	rVB2	67306	57445	2.44%	0.213%
60	12.098	1700	1702	1704	rBV2	26837	28026	1.19%	0.104%
61	12.204	1718	1720	1722	rBV	27313	24087	1.02%	0.089%
62	12.227	1722	1724	1726	rVB	45445	33656	1.43%	0.125%
63	12.280	1729	1733	1735	rBV	70284	84067	3.58%	0.312%
64	12.310	1736	1738	1740	rVV2	40499	44493	1.89%	0.165%
65	12.333	1740	1742	1745	rVV2	124676	126178	5.37%	0.468%
66	12.357	1745	1746	1751	rVB3	53854	52216	2.22%	0.194%
67	12.433	1756	1759	1763	rVB	855604	775760	33.01%	2.878%
68	12.486	1765	1768	1773	rBV7	37232	62787	2.67%	0.233%
69	12.663	1792	1798	1801	rBV	783597	801016	34.08%	2.972%
70	12.704	1803	1805	1808	rVV2	64229	52479	2.23%	0.195%
71	12.780	1816	1818	1820	rBV	57948	52204	2.22%	0.194%

LSC Area Percent Report

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Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.810	1820	1823	1827	rVV	1569680	1560201	66.39%	5.788%
73	12.886	1833	1836	1838	rBV2	40889	46030	1.96%	0.171%
74	12.992	1848	1854	1857	rVB3	114272	159399	6.78%	0.591%
75	13.057	1863	1865	1868	rVB	108222	90141	3.84%	0.334%
76	13.092	1869	1871	1874	rVB	70717	56358	2.40%	0.209%
77	13.186	1885	1887	1890	rVB	66160	51283	2.18%	0.190%
78	13.216	1890	1892	1895	rBV	62098	52422	2.23%	0.194%
79	13.298	1903	1906	1913	rVB	217091	210647	8.96%	0.782%
80	13.404	1921	1924	1927	rBV	77848	87099	3.71%	0.323%
81	13.492	1937	1939	1941	rBV	54803	41988	1.79%	0.156%
82	13.604	1955	1958	1961	rBV2	123489	176324	7.50%	0.654%
83	13.857	1997	2001	2004	rBV2	866267	1121802	47.73%	4.162%
84	13.886	2004	2006	2008	rVB	316973	234311	9.97%	0.869%
85	14.045	2030	2033	2036	rVB	153712	166656	7.09%	0.618%
86	14.874	2170	2174	2181	rVB	257158	511289	21.76%	1.897%
87	15.210	2228	2231	2235	rVB	194412	232777	9.91%	0.864%
88	15.268	2238	2241	2244	rVB	370556	404719	17.22%	1.502%

Sum of corrected areas: 26953942

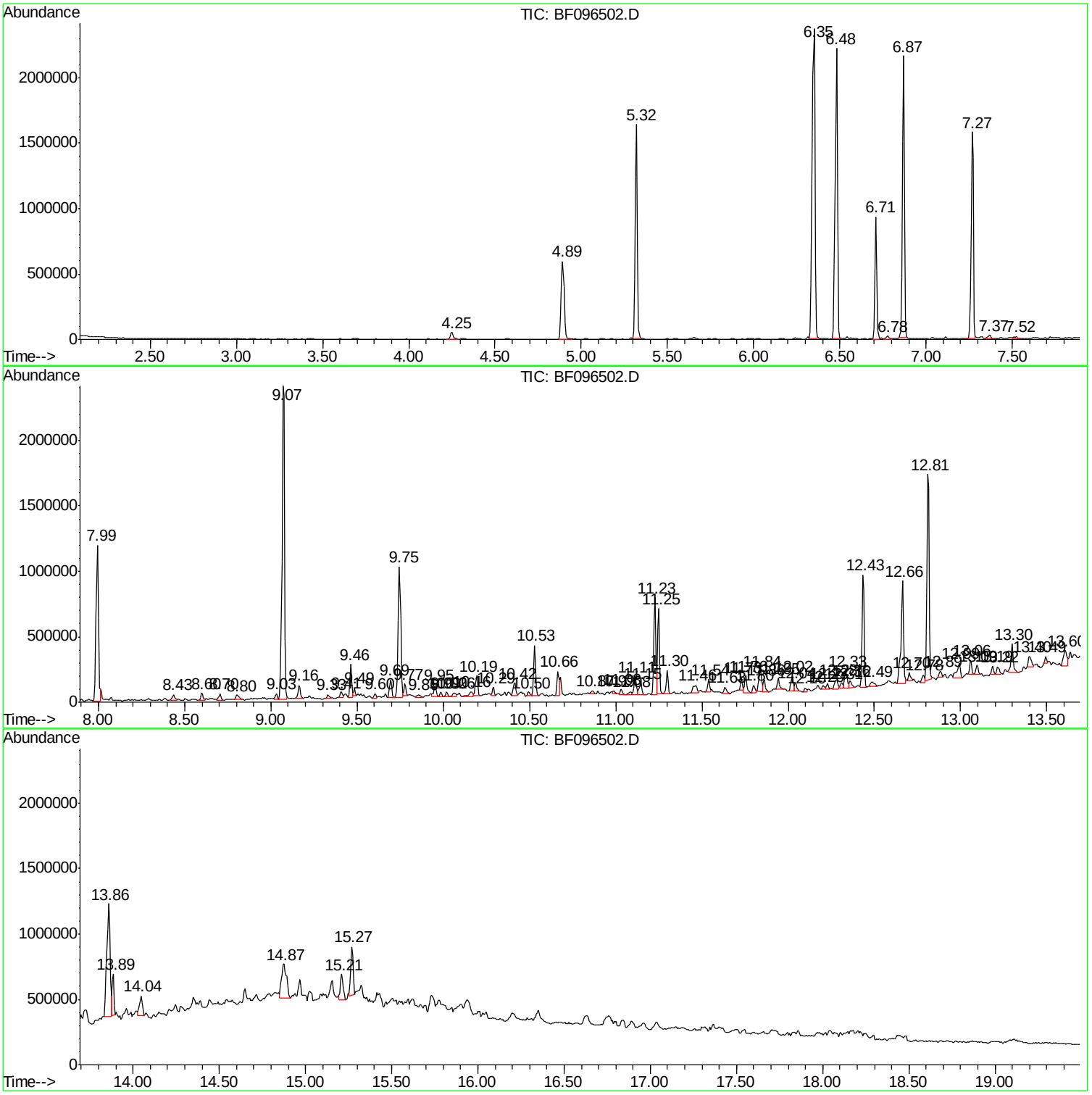
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

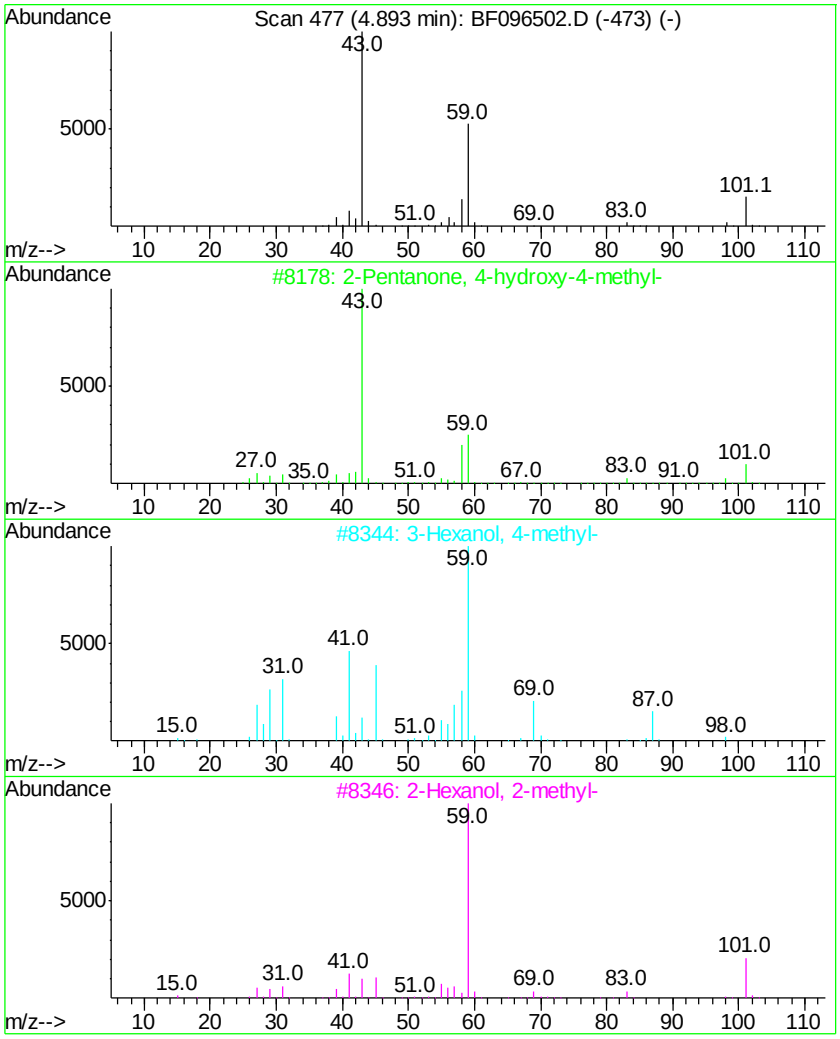
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

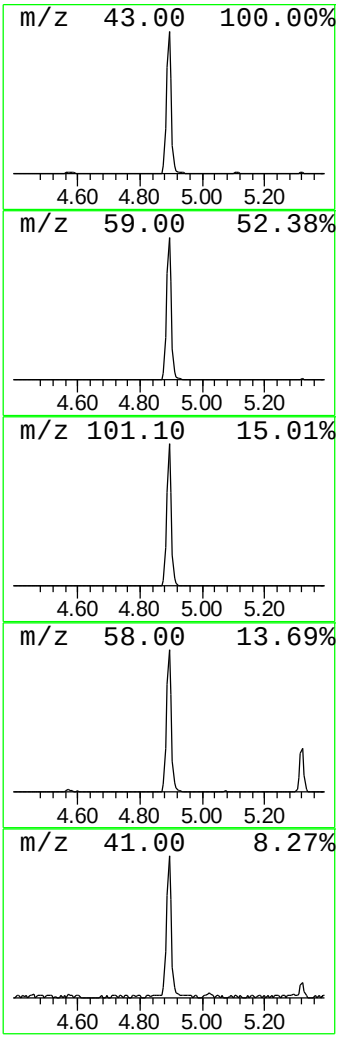
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	17.54 ng	646725	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

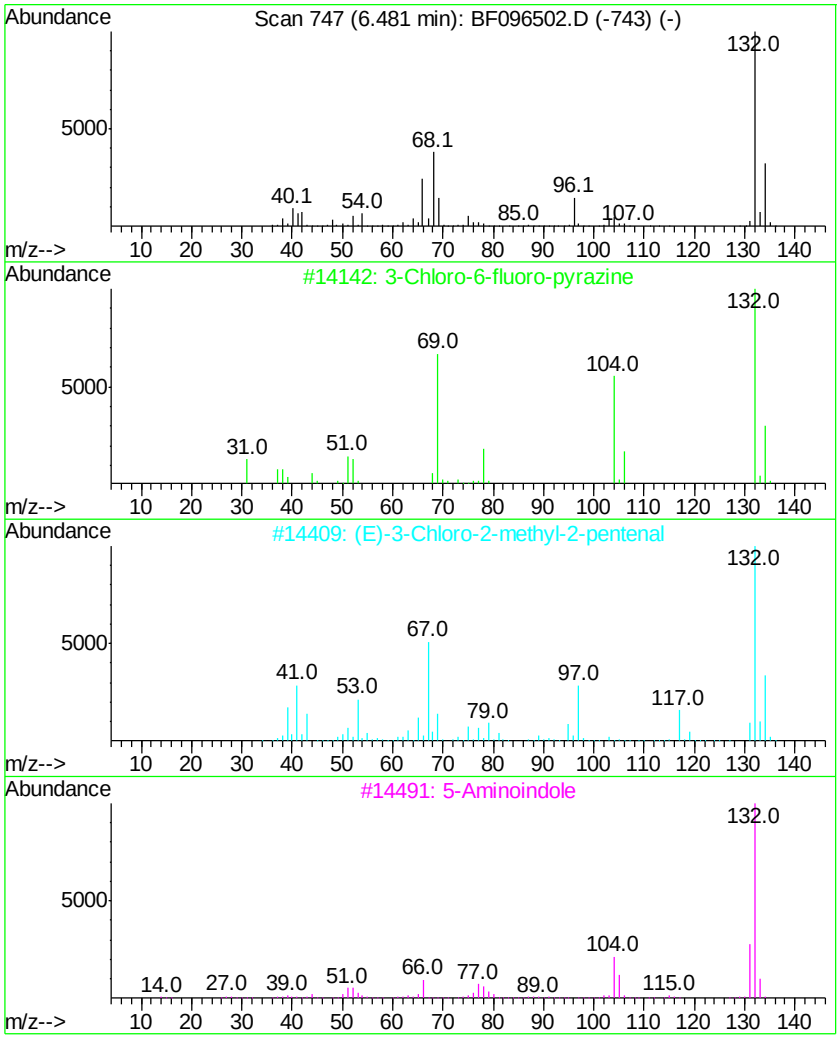
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

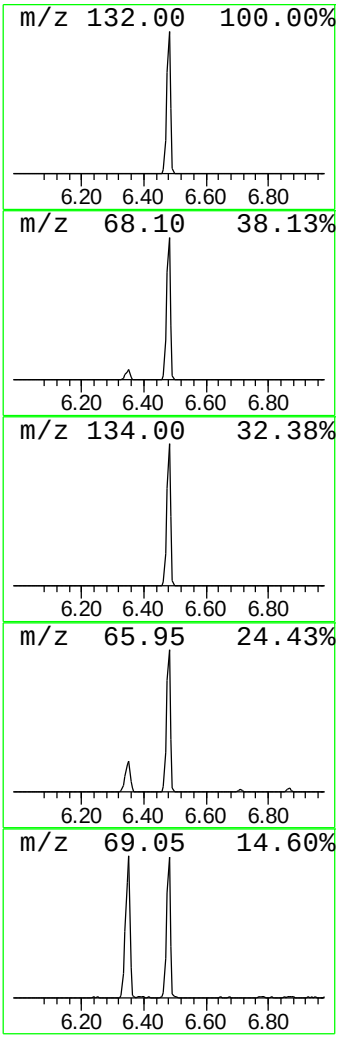
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	52.74 ng	1944580	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

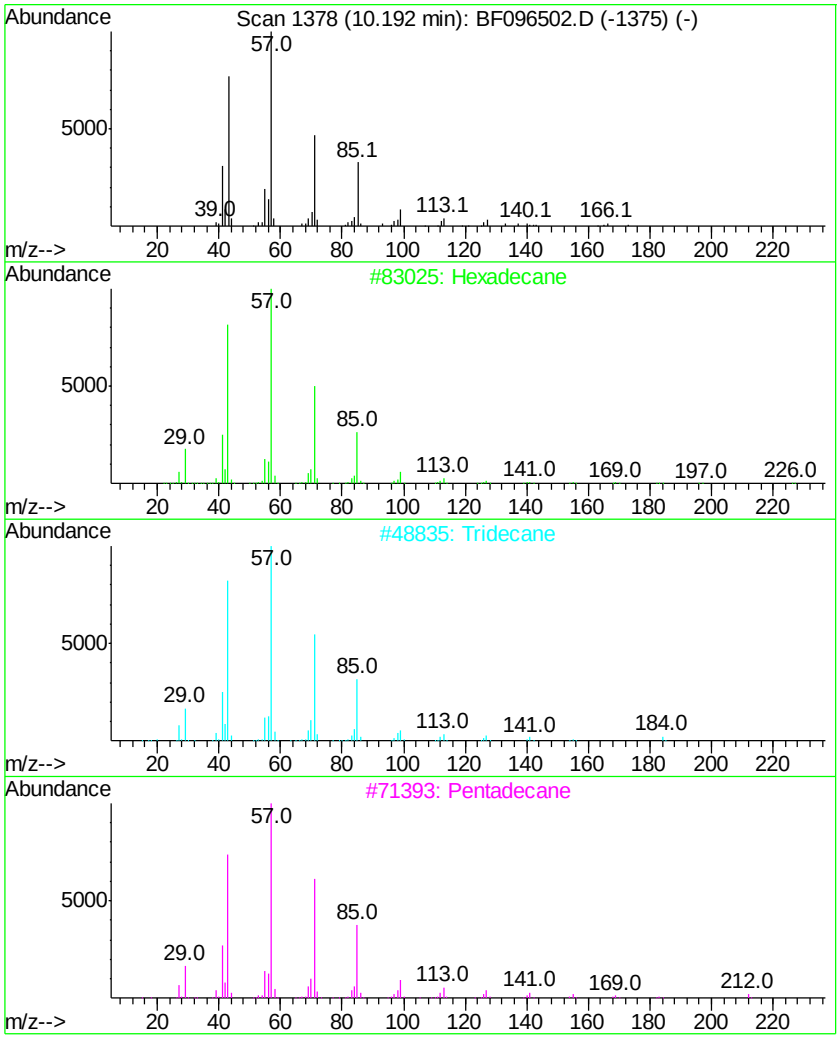
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

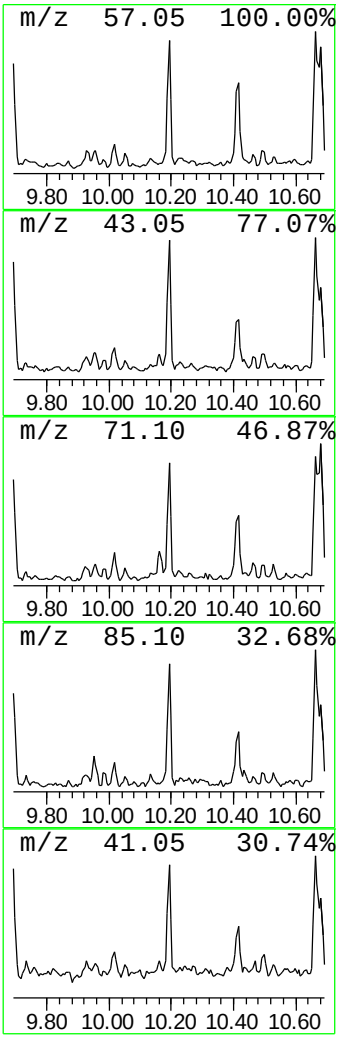
****

Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.61 ng	118908	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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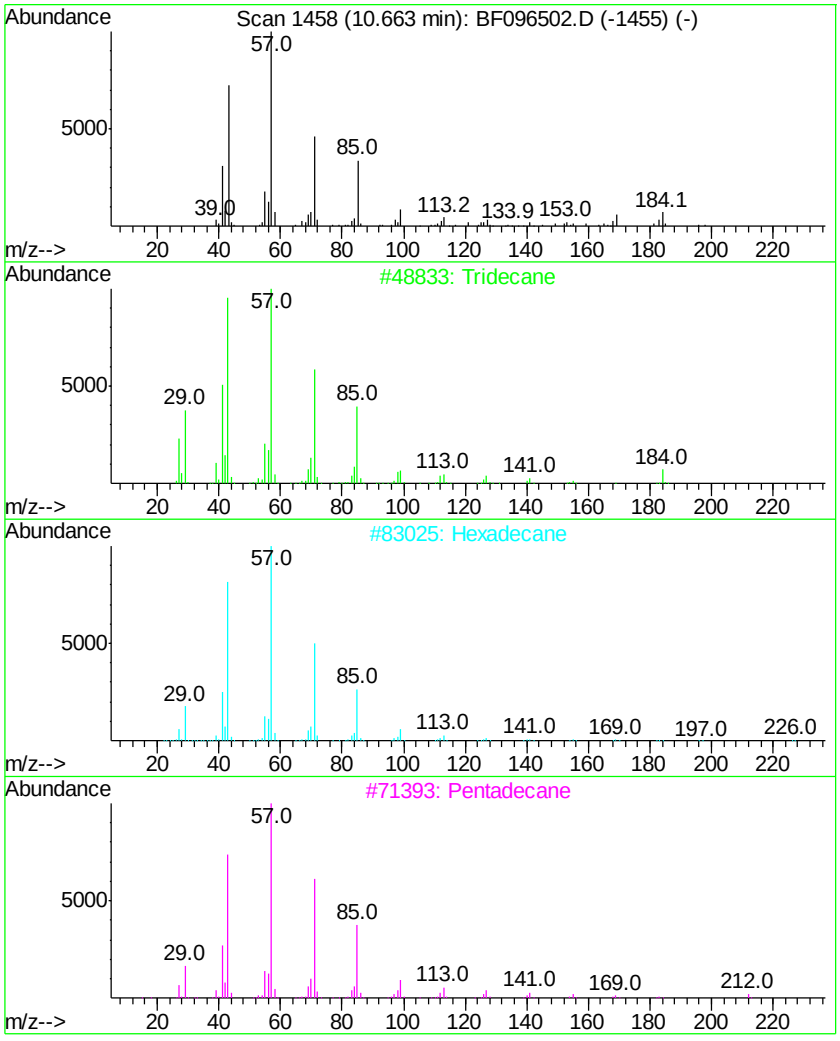
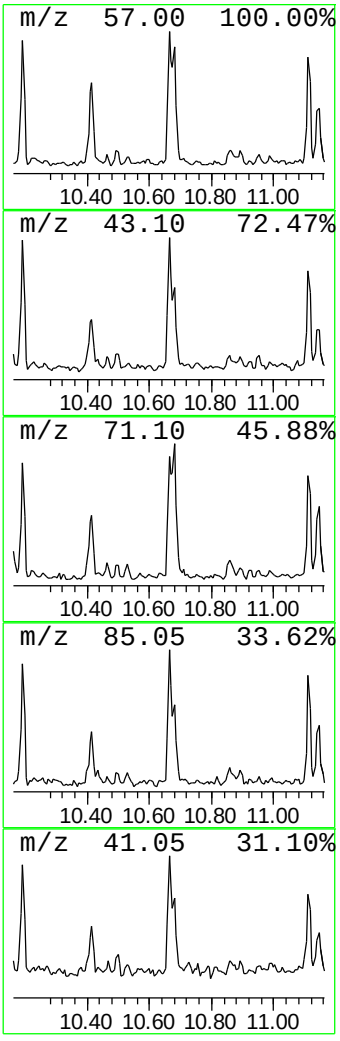
Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	5.45 ng	186930	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5	Heptadecane	240	C17H36	000629-78-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

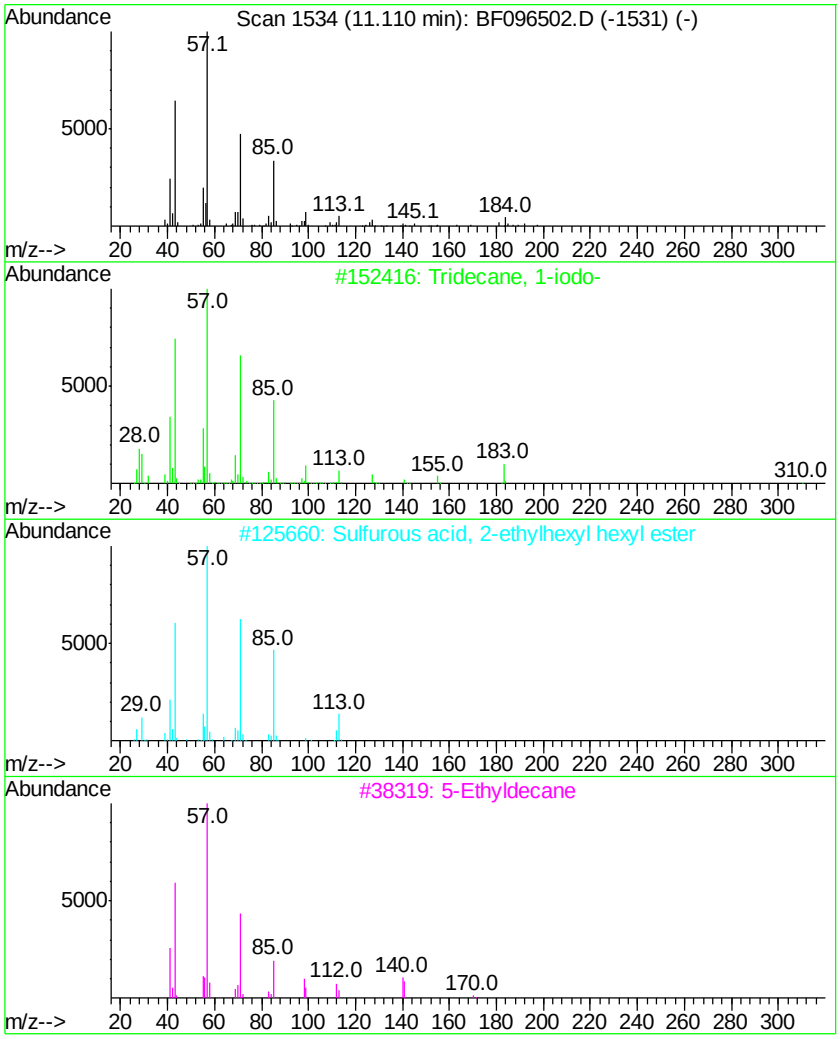
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

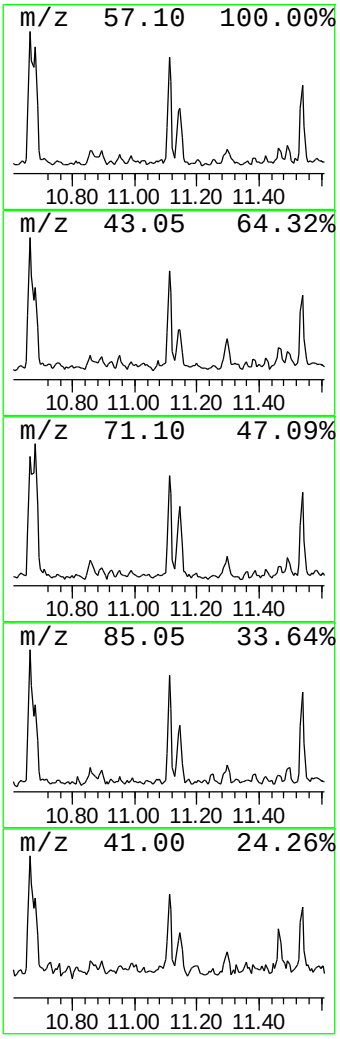
****

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	4.41 ng	151381	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3	5-Ethyldecane	170	C12H26	017302-36-2	78
4	Hexadecane	226	C16H34	000544-76-3	78
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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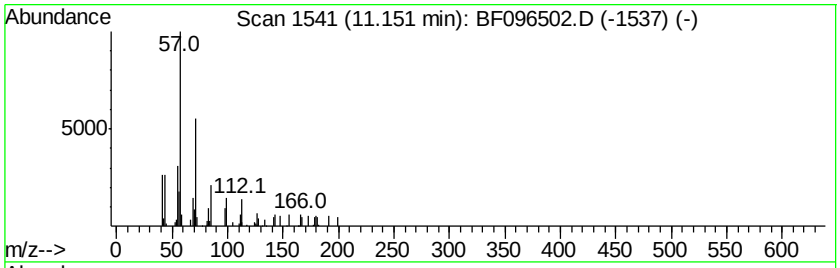
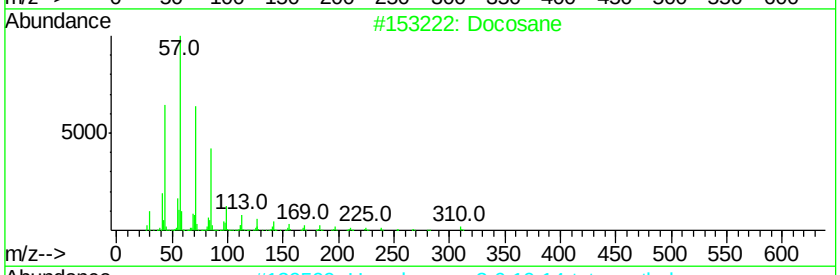
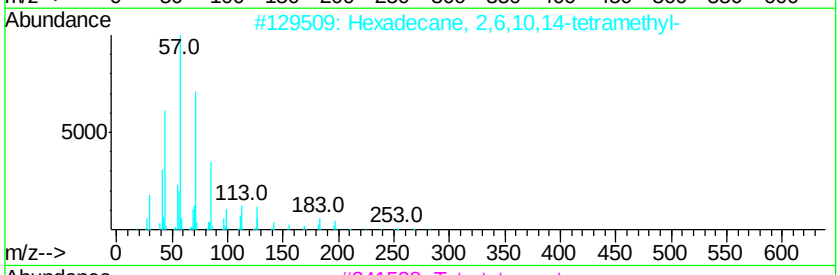
Peak Number 7 Docosane Concentration Rank 17

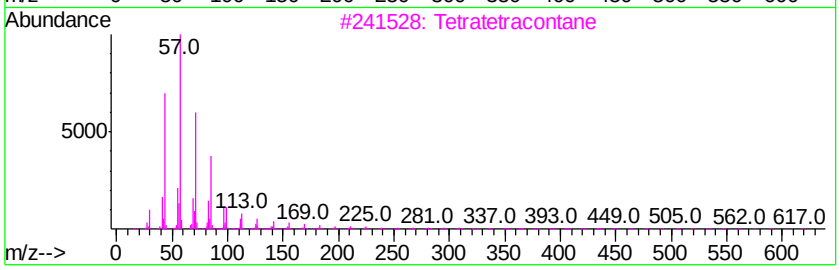
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.58 ng	88512	Phenanthrene-d10	11.23

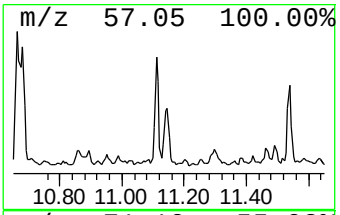
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Heptacosane	380	C27H56	000593-49-7	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64

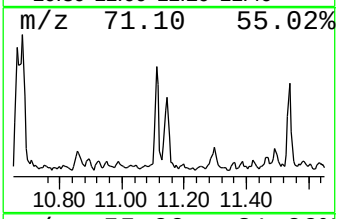


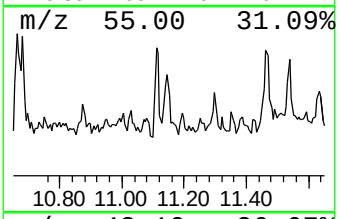


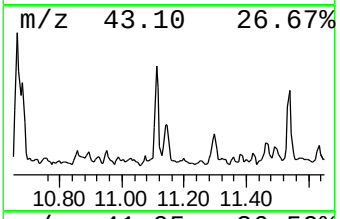


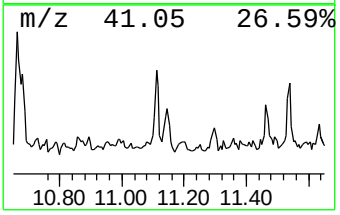












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Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

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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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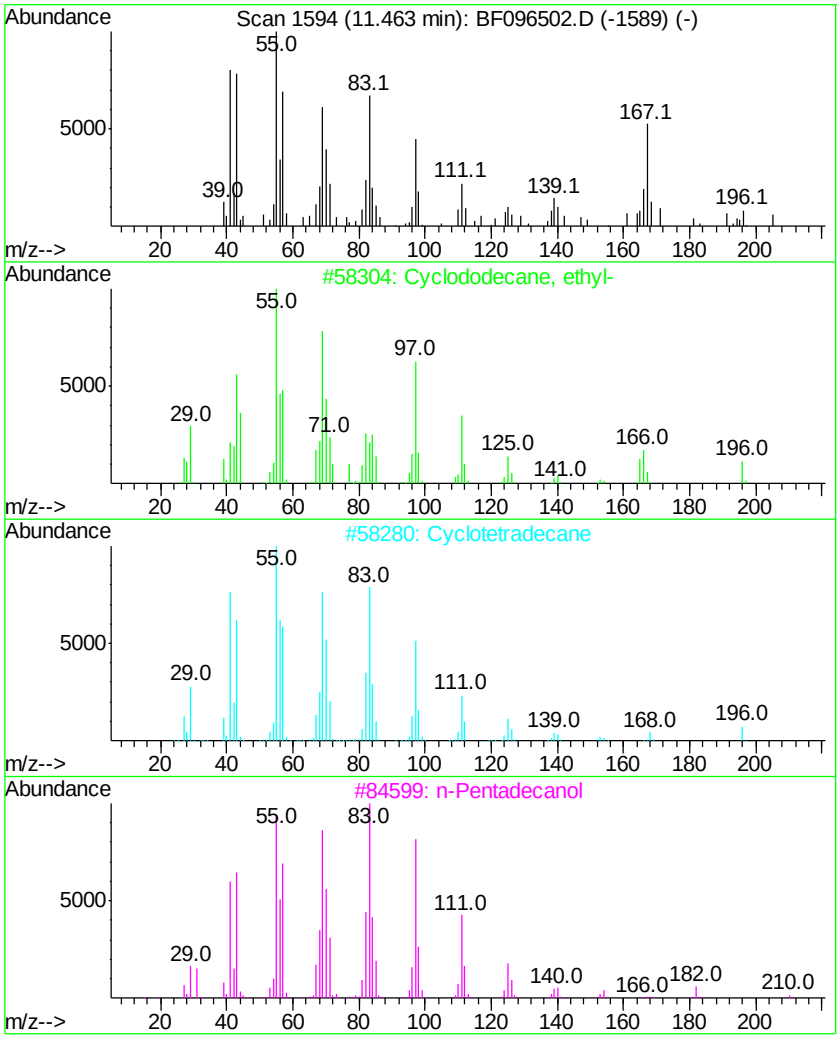
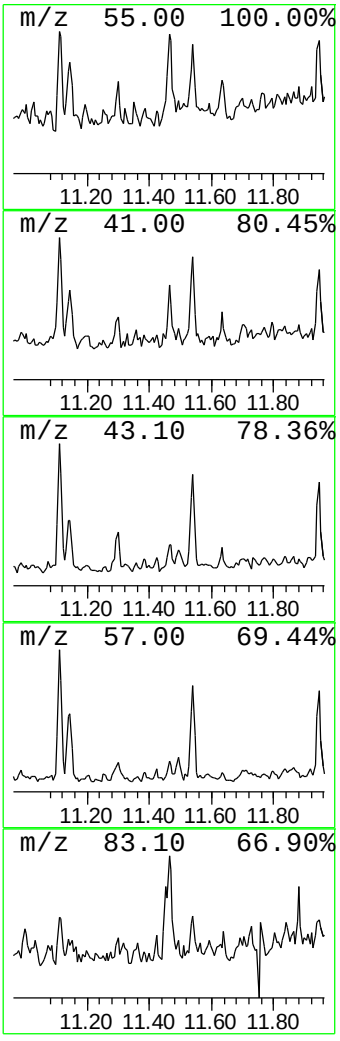
Peak Number 8 Cyclododecane, ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.60 ng	89267	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane, ethyl-	196	C14H28	028981-49-9	95
2	Cyclotetradecane	196	C14H28	000295-17-0	90
3	n-Pentadecanol	228	C15H32O	000629-76-5	64
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	64
5	1-Hexadecanol	242	C16H34O	036653-82-4	64





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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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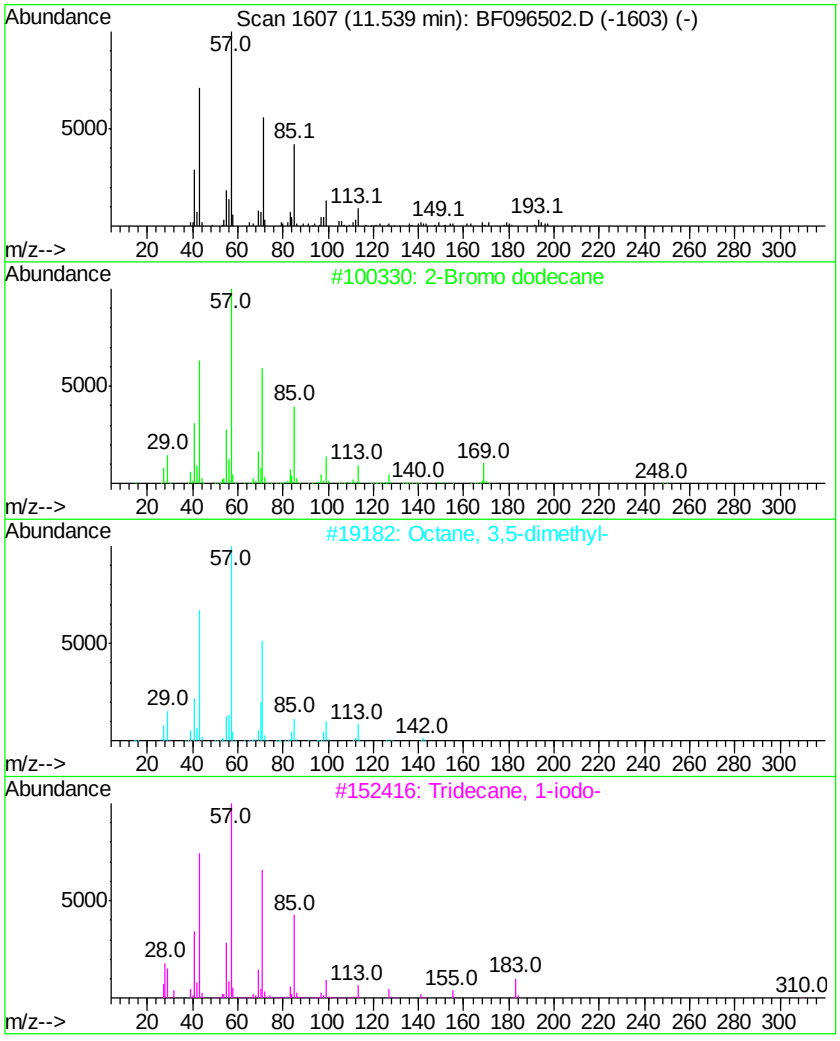
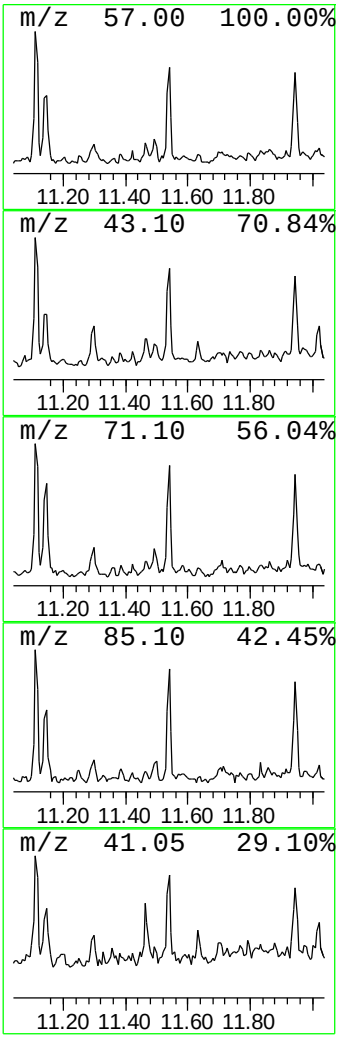
Peak Number 9 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.77 ng	95127	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane	226	C16H34	000544-76-3	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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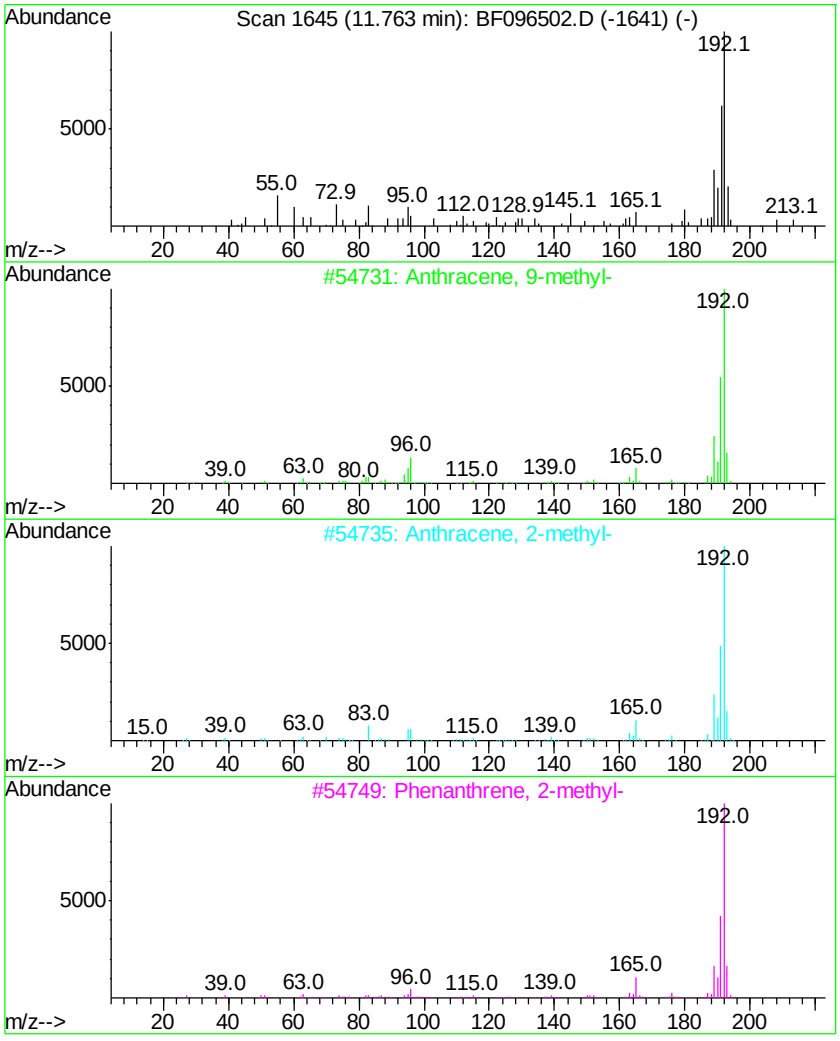
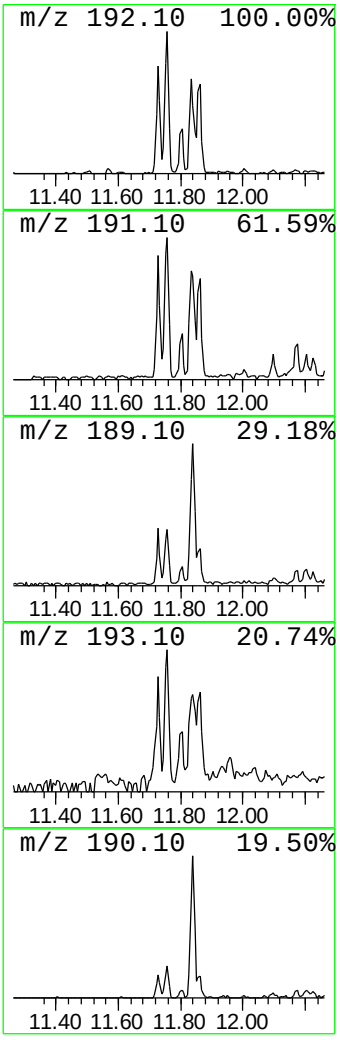
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.92 ng	134444	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ClientSampleId : B9-2-4

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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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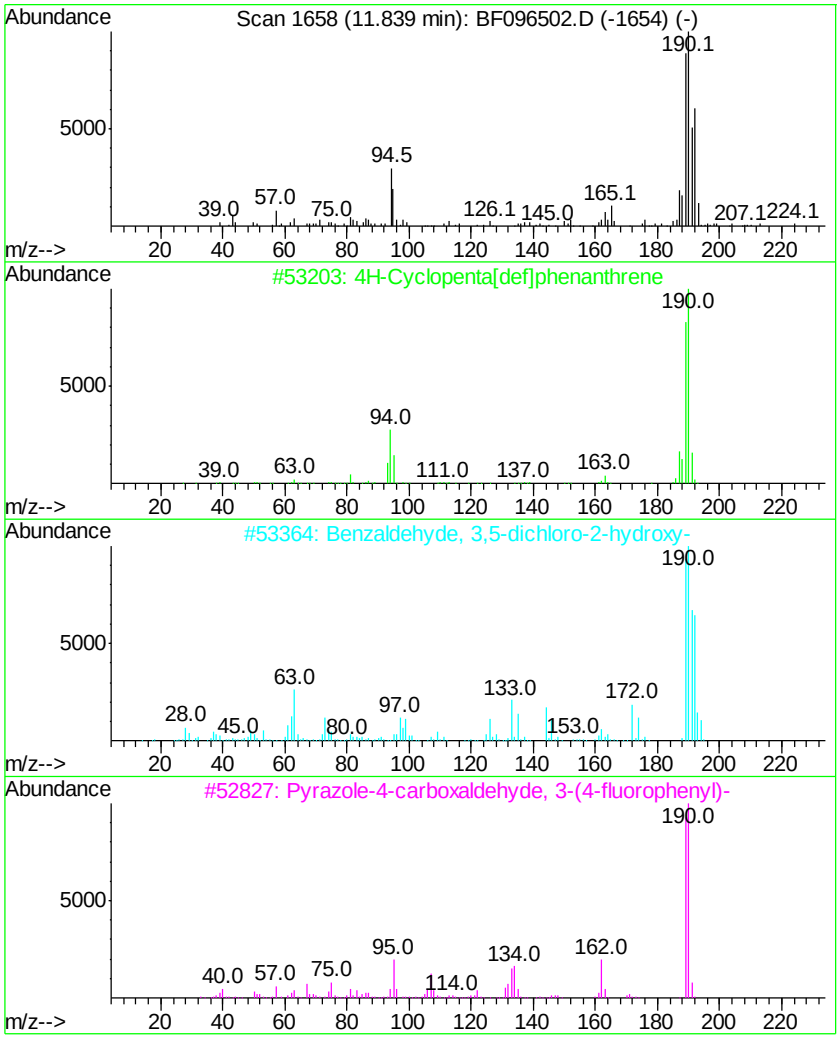
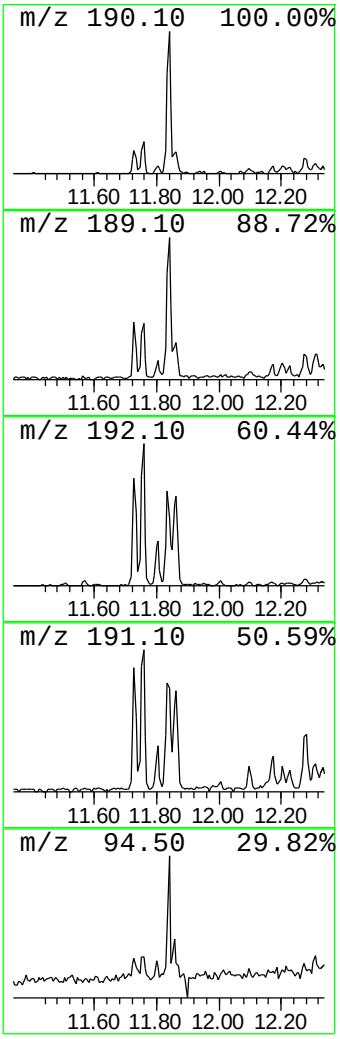
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.95 ng	169836	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30





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Sample : I3976-02
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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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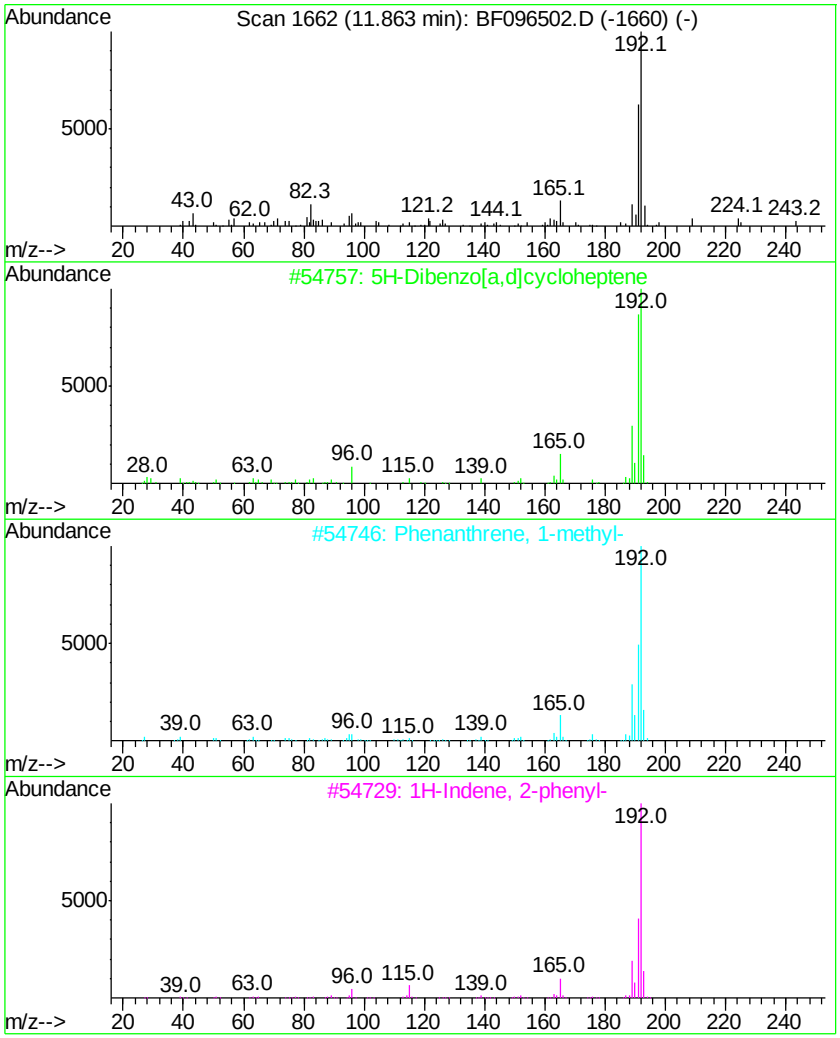
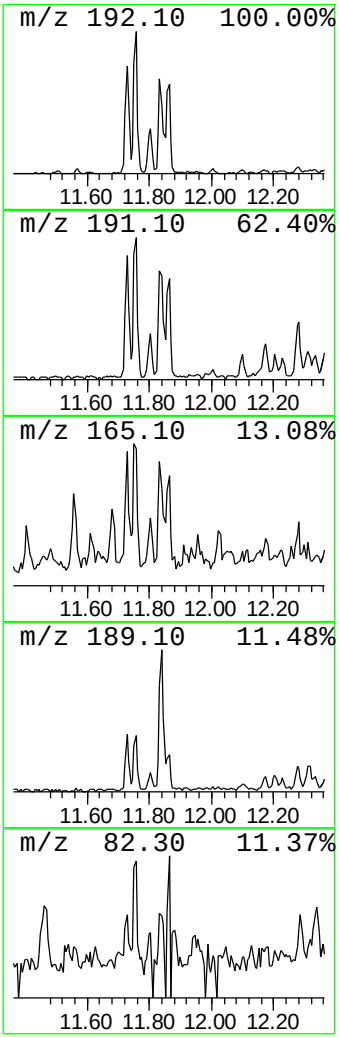
Peak Number 12 5H-Dibenzo[a,d]cycloheptene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.57 ng	88242	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	72
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	59
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59





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Sample : I3976-02
Misc :
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Instrument : BNA_F
ClientSampleId : B9-2-4

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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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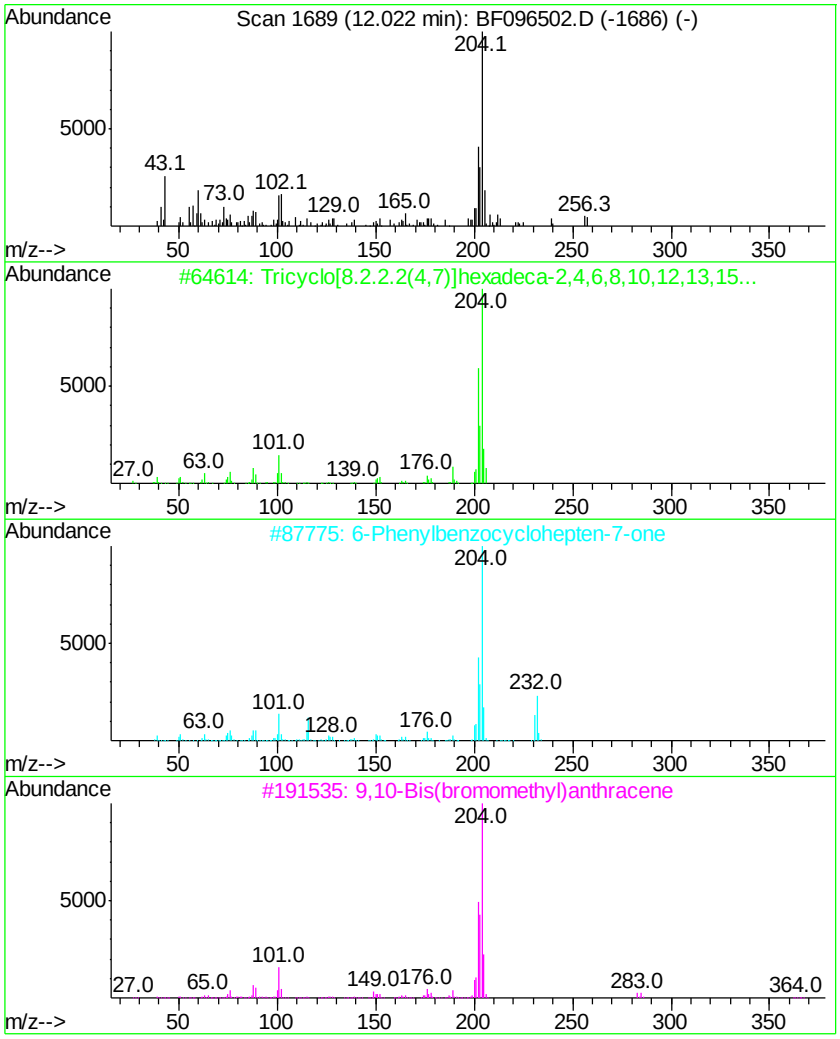
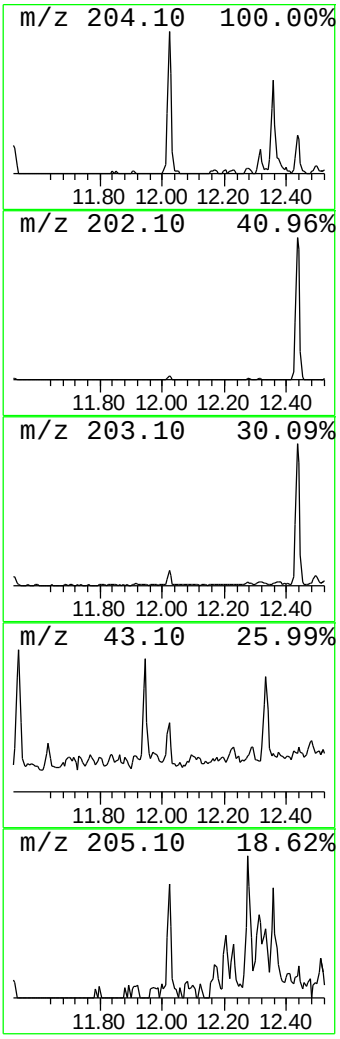
Peak Number 14 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.91 ng	99782	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Sample : I3976-02
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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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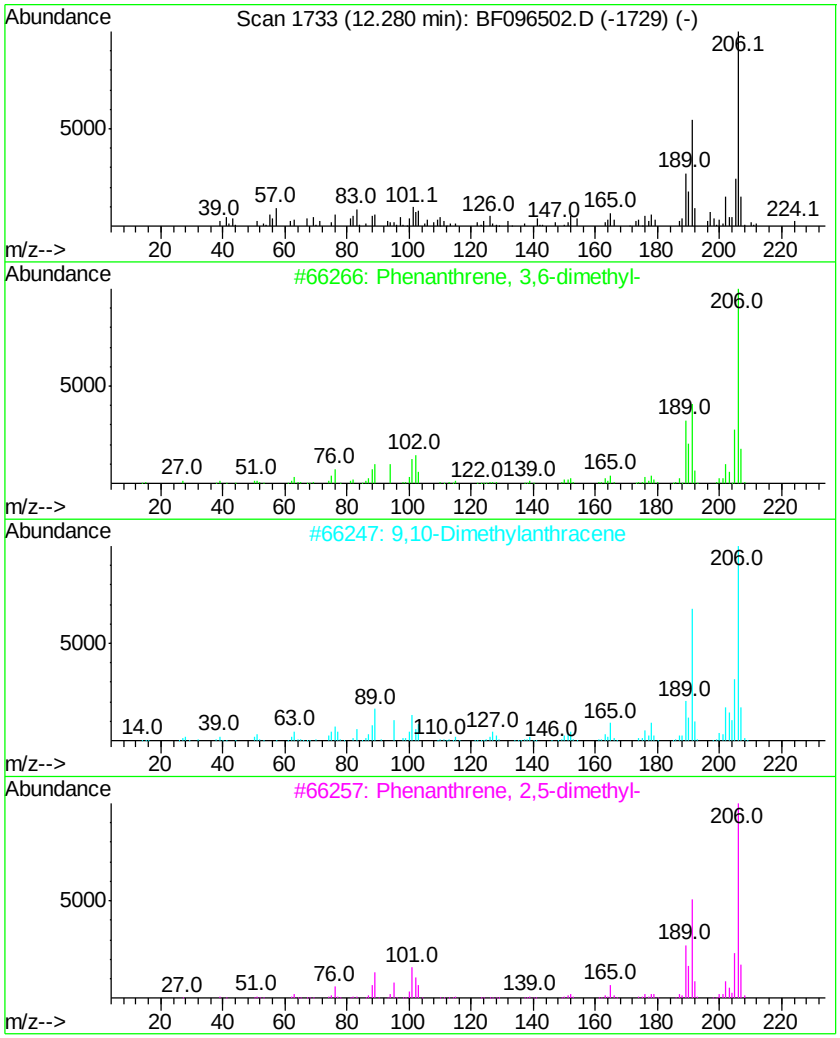
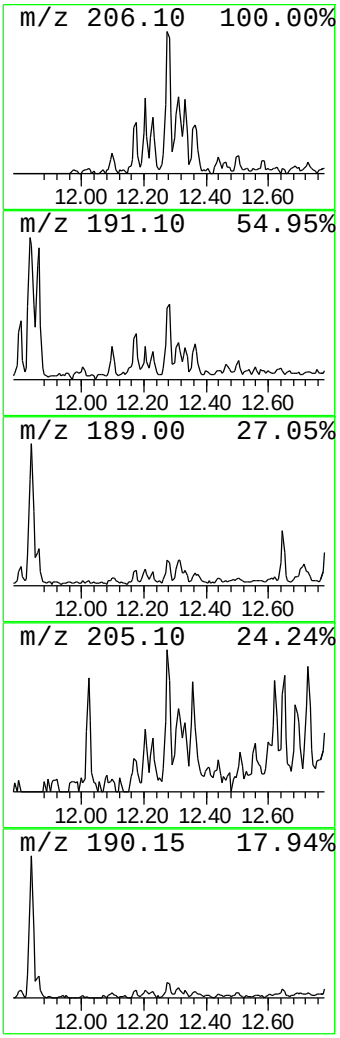
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.45 ng	84067	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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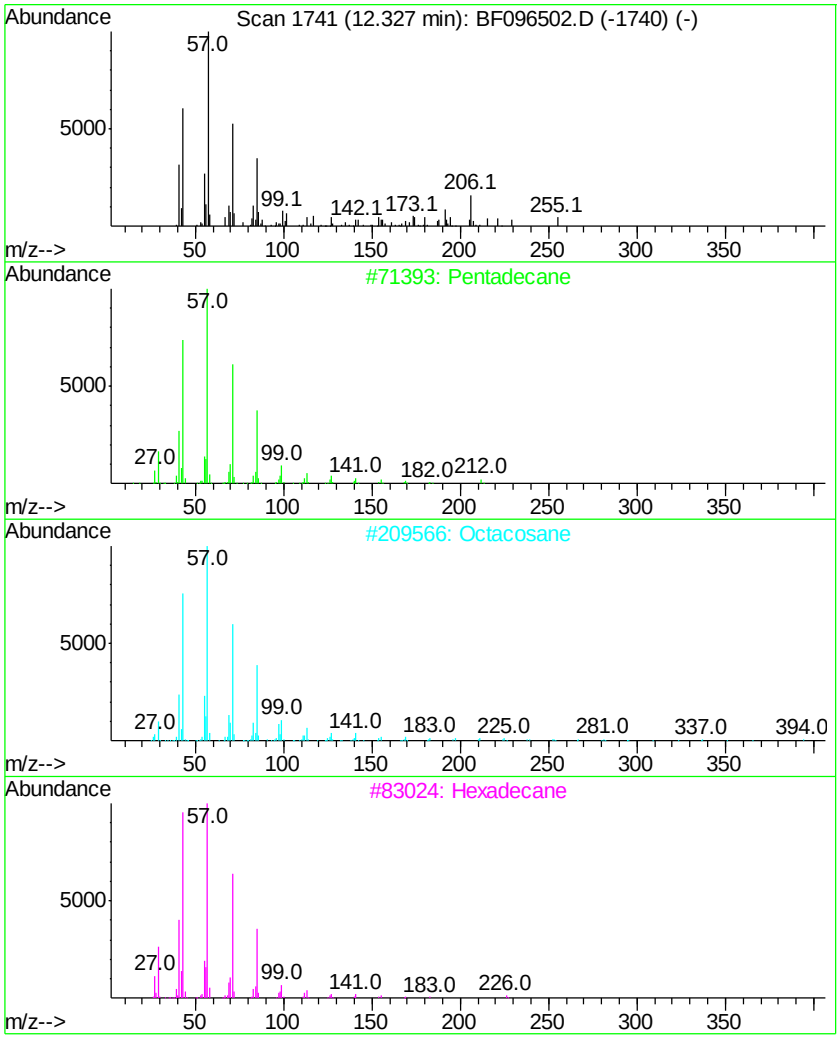
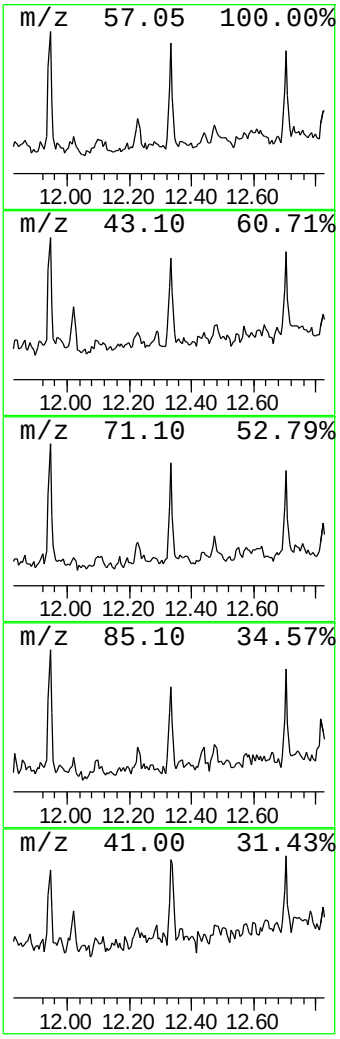
Peak Number 16 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.68 ng	126178	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Octacosane	394	C28H58	000630-02-4	62
3	Hexadecane	226	C16H34	000544-76-3	53
4	Tetratetracontane	619	C44H90	007098-22-8	49
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	49





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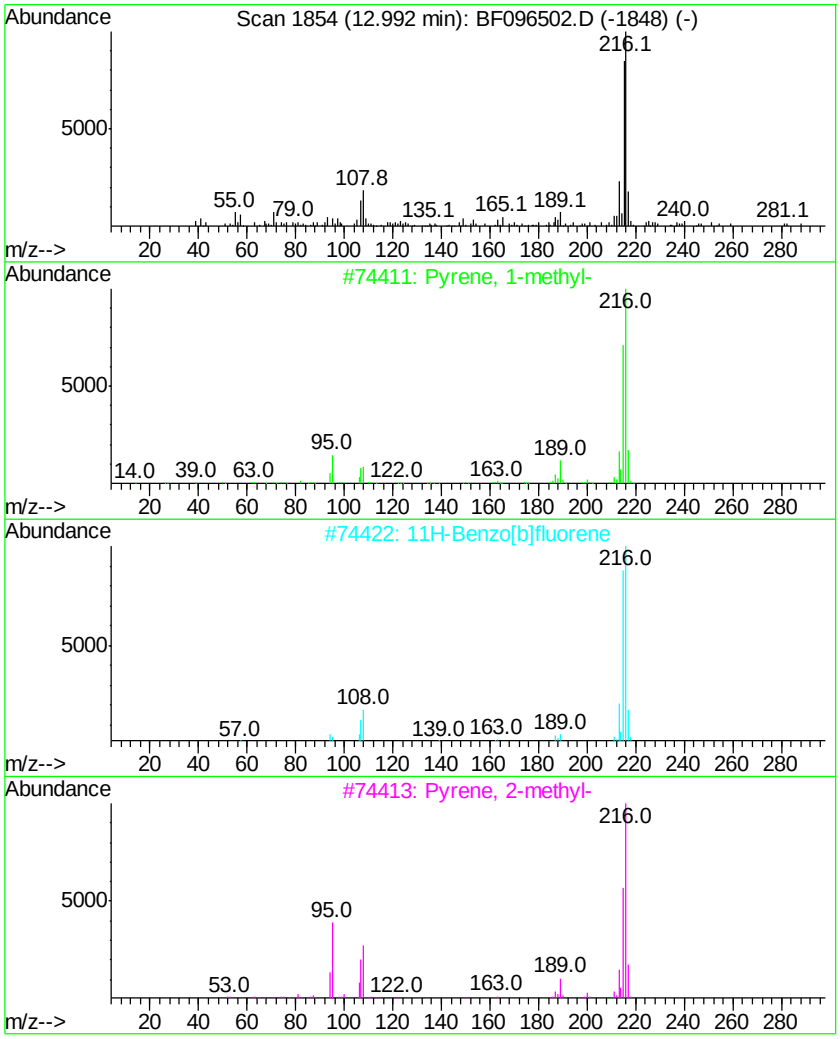
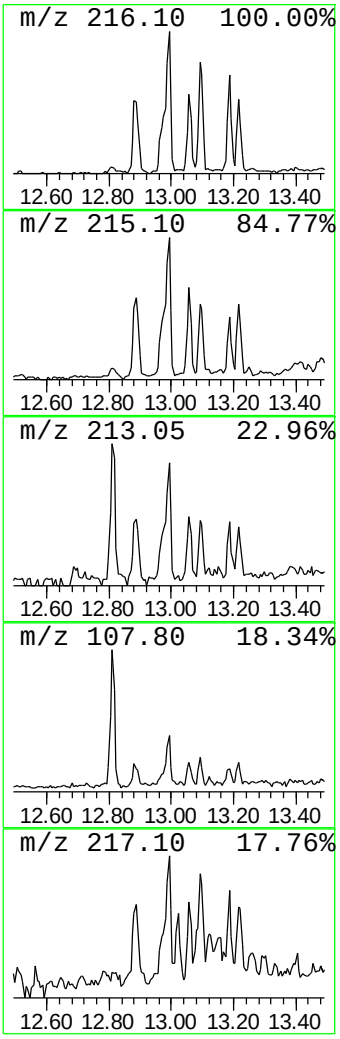
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.84 ng	159399	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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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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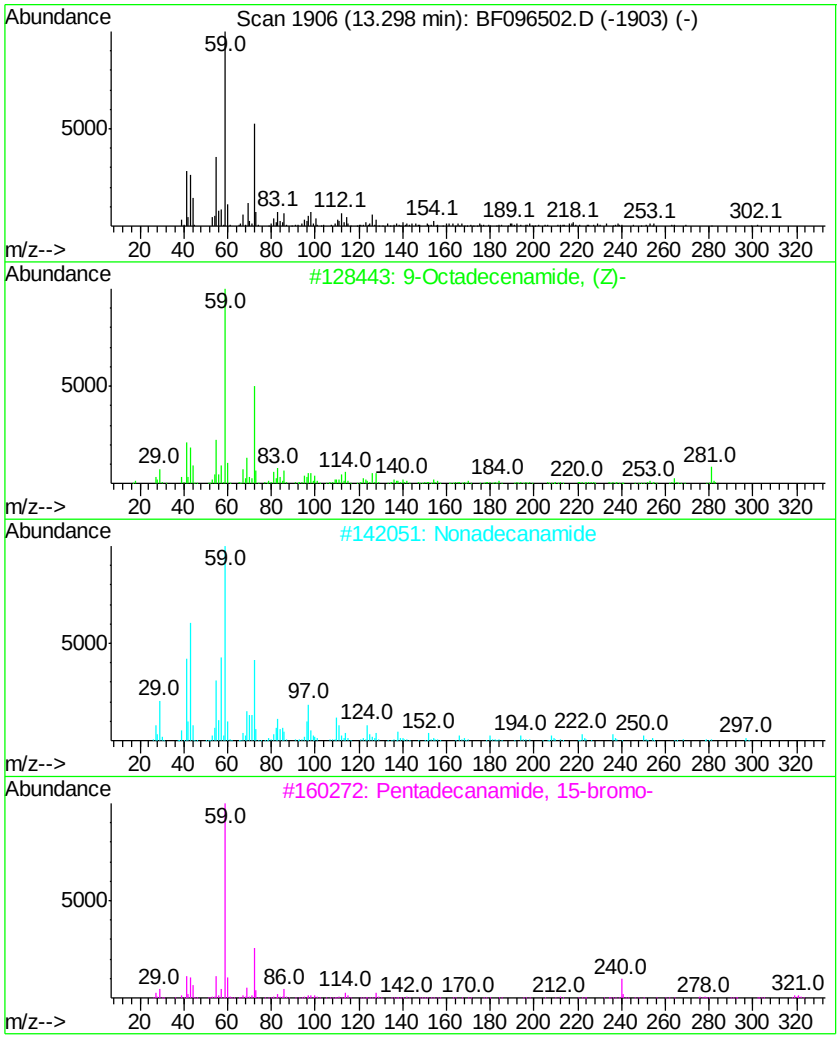
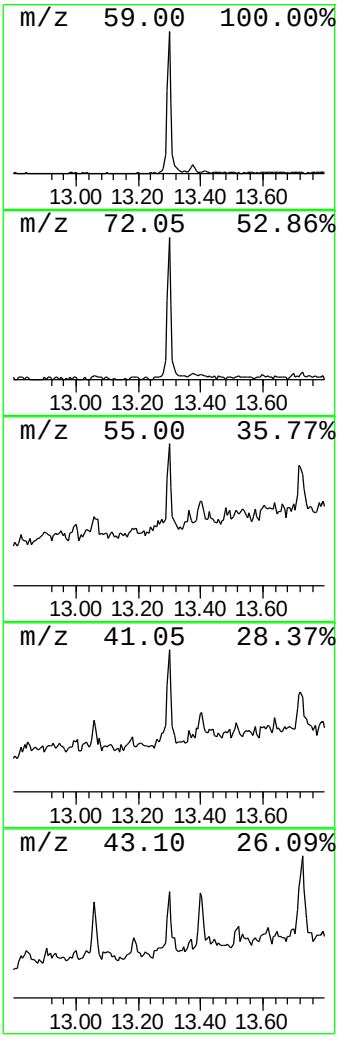
Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.76 ng	210647	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Nonadecanamide	297	C19H39NO	058185-32-3	64
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Tetradecanamide	227	C14H29NO	000638-58-4	56
5	Hexadecanamide	255	C16H33NO	000629-54-9	56





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Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

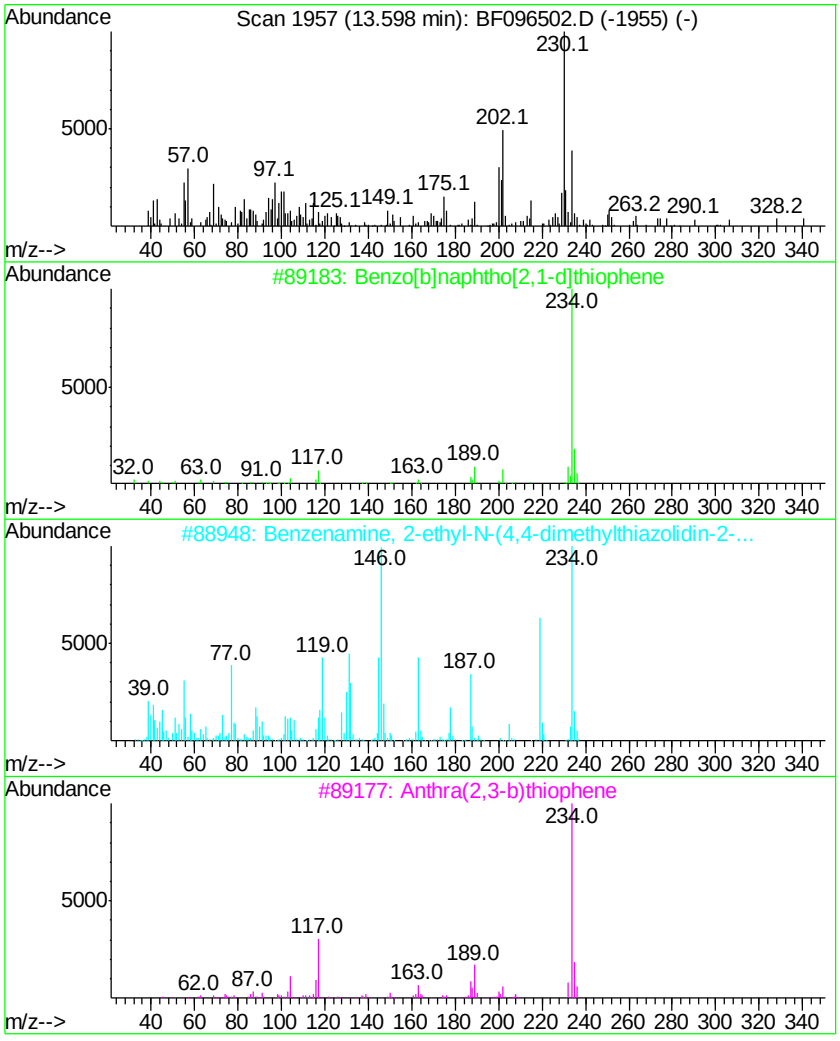
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

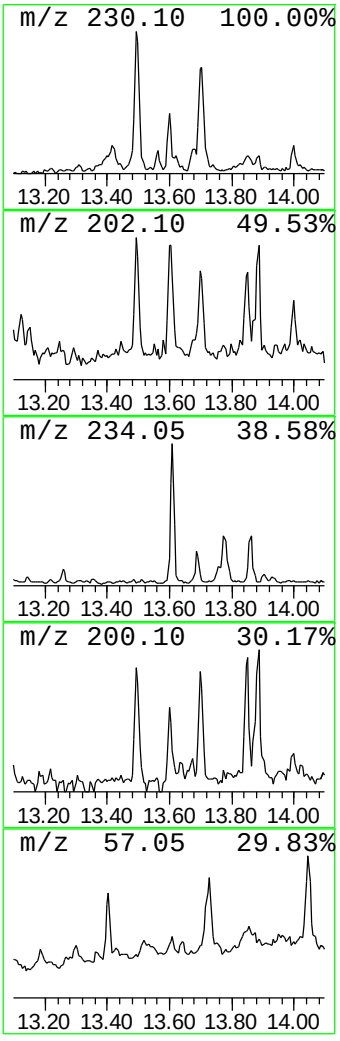
****

Peak Number 19 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.14 ng	176324	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
2	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	83
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	60
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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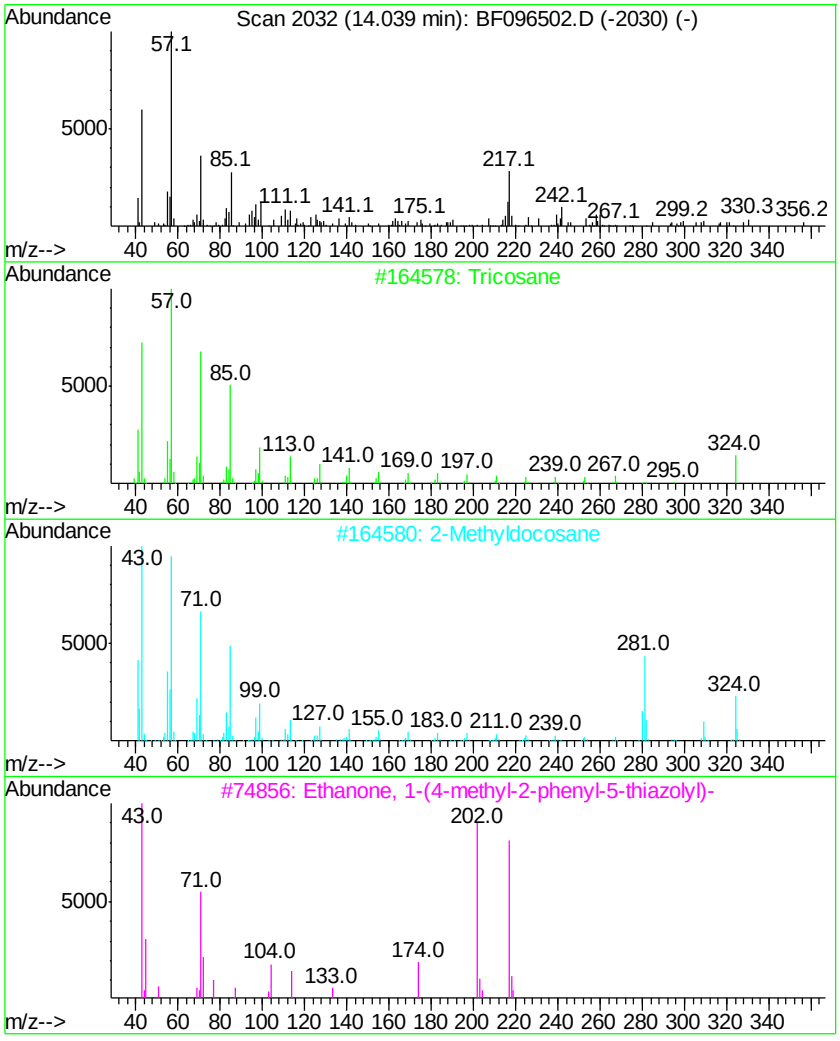
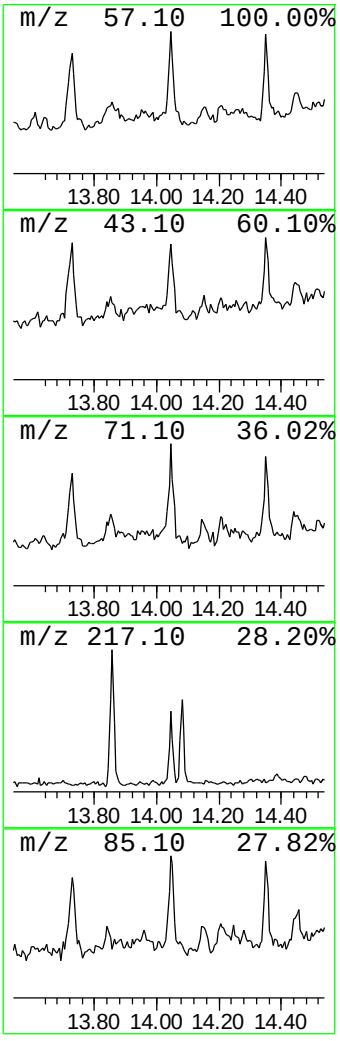
Peak Number 20 unknown14.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.97 ng	166656	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	46
2	2-Methyldocosane	324	C23H48	001560-81-2	10
3	Ethanone, 1-(4-methyl-2-phenyl-5...	217	C12H11NOS	007520-94-7	9
4	Malonic acid, heptyl neopentyl ester	272	C15H28O4	1000363-59-9	9
5	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.89	17.5	ng	646725	1	6.71	737419	20.0
unknown6.48	6.48	52.7	ng	1944580	1	6.71	737419	20.0
Hexadecane	10.19	2.6	ng	118908	3	9.75	910481	20.0
Tridecane	10.66	5.5	ng	186930	4	11.23	686188	20.0
Tridecane, 1-iodo-	11.11	4.4	ng	151381	4	11.23	686188	20.0
Docosane	11.15	2.6	ng	88512	4	11.23	686188	20.0
Cyclododecane, et...	11.46	2.6	ng	89267	4	11.23	686188	20.0
2-Bromo dodecane	11.54	2.8	ng	95127	4	11.23	686188	20.0
Anthracene, 9-met...	11.76	3.9	ng	134444	4	11.23	686188	20.0
4H-Cyclopenta[def...	11.84	5.0	ng	169836	4	11.23	686188	20.0
5H-Dibenzo[a,d]cy...	11.86	2.6	ng	88242	4	11.23	686188	20.0
Tricyclo[8.2.2.2(...	12.02	2.9	ng	99782	4	11.23	686188	20.0
Phenanthrene, 3,6...	12.28	2.5	ng	84067	4	11.23	686188	20.0
Pentadecane	12.33	3.7	ng	126178	4	11.23	686188	20.0
Pyrene, 1-methyl-	12.99	2.8	ng	159399	5	13.86	1121800	20.0
9-Octadecenamide,...	13.30	3.8	ng	210647	5	13.86	1121800	20.0
Benzo[b]naphtho[2...	13.60	3.1	ng	176324	5	13.86	1121800	20.0
unknown14.04	14.04	3.0	ng	166656	5	13.86	1121800	20.0