LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

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-BF072517.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	3.916	357	362	378	rVB	122714	207471	10.39%	0.629%
2	4.534	464	467	482	rBV	108629	216752	10.86%	0.657%
3	4.999	542	546	564	rBV	1325397	1897984	95.07%	5.754%
4	6.004	714	717	722	rBV3	23994	29186	1.46%	0.088%
5	6.075	726	729	743	rVV	1807627	1996464	100.00%	6.052%
6	6.175	743	746	753	rVV	1810159	1922549	96.30%	5.828%
7	6.228	753	755	758	rVV	44728	51342	2.57%	0.156%
8	6.257	758	760	765	rVB	54823	45861	2.30%	0.139%
9	6.404	782	785	789	rBV	712845	636144	31.86%	1.929%
10	6.434	789	790	793	rVB2	37458	32457	1.63%	0.098%
11	6.557	808	811	822	rVB	1534893	1446484	72.45%	4.385%
12	6.740	839	842	845	rBV	27732	30922	1.55%	0.094%
13	6.975	879	882	889	rBV	1110742	1131221	56.66%	3.429%
14	7.028	889	891	895	rVB	86734	73319	3.67%	0.222%
15	7.434	957	960	963	rBV3	29349	32911	1.65%	0.100%
16	7.463	963	965	970	rVB2	24208	27934	1.40%	0.085%
17	7.528	970	976	979	rBV4	18437	35181	1.76%	0.107%
18	7.687	1000	1003	1006	rBV	1113149	1039160	52.05%	3.150%
19	7.775	1015	1018	1024	rVB2	61914	59059	2.96%	0.179%
20	8.134	1076	1079	1083	rVB	79959	70549	3.53%	0.214%
21	8.304	1104	1108	1113	rBV	89762	88038	4.41%	0.267%
22	8.404	1122	1125	1131	rVB	150941	129379	6.48%	0.392%
23	8.498	1138	1141	1145	rBV	88357	84492	4.23%	0.256%
24	8.728	1173	1180	1182	rBV2	60983	75275	3.77%	0.228%
25	8.769	1182	1187	1190	rBV	1993435	1901364	95.24%	5.764%
26	8.863	1198	1203	1209	rBV2	135295	157865	7.91%	0.479%
27	8.963	1218	1220	1227	rVB	33005	45501	2.28%	0.138%
28	9.034	1227	1232	1236	rBV2	57919	92532	4.63%	0.281%
29	9.098	1240	1243	1246	rVV	93309	103795	5.20%	0.315%
30	9.128	1246	1248	1252	rVV2	83076	93581	4.69%	0.284%
31	9.169	1252	1255	1260	rVV	492401	474740	23.78%	1.439%
32	9.216	1260	1263	1272	rVB2	51963	86296	4.32%	0.262%
33	9.292	1274	1276	1281	rVB	91730	90691	4.54%	0.275%
34	9.392	1289	1293	1295	rBV	121408	102612	5.14%	0.311%

LSC Area Percent Report

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Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.428	1295	1299	1303	rVV	981683	958507	48.01%	2.906%
36	9.463	1303	1305	1310	rVB	182797	161079	8.07%	0.488%
37	9.545	1314	1319	1324	rVB3	31676	46061	2.31%	0.140%
38	9.639	1329	1335	1339	rBV	151713	169195	8.47%	0.513%
39	9.681	1339	1342	1345	rBV	53303	51527	2.58%	0.156%
40	9.710	1345	1347	1349	rVB2	51589	38248	1.92%	0.116%
41	9.751	1349	1354	1357	rVB3	52235	61963	3.10%	0.188%
42	9.781	1357	1359	1364	rVB2	32779	31296	1.57%	0.095%
43	9.834	1365	1368	1372	rBV4	46112	66158	3.31%	0.201%
44	9.886	1375	1377	1381	rVB	153591	117069	5.86%	0.355%
45	9.975	1389	1392	1395	rBV2	108882	103181	5.17%	0.313%
46	10.104	1409	1414	1417	rBV2	80002	112374	5.63%	0.341%
47	10.139	1417	1420	1425	rVB2	61097	75004	3.76%	0.227%
48	10.186	1425	1428	1430	rBV	32572	38626	1.93%	0.117%
49	10.216	1430	1433	1439	rBV	923549	995554	49.87%	3.018%
50	10.357	1451	1457	1463	rBV2	188444	319797	16.02%	0.969%
51	10.551	1488	1490	1493	rVB	41875	33089	1.66%	0.100%
52	10.604	1497	1499	1502	rBV2	83025	79981	4.01%	0.242%
53	10.728	1517	1520	1524	rVB	87004	90816	4.55%	0.275%
54	10.763	1524	1526	1530	rVV2	52534	57902	2.90%	0.176%
55	10.804	1530	1533	1535	rVV	145993	136624	6.84%	0.414%
56	10.828	1535	1537	1541	rVB	44102	45423	2.28%	0.138%
57	10.904	1546	1550	1552	rBV	816970	727353	36.43%	2.205%
58	10.928	1552	1554	1558	rVV	743106	618455	30.98%	1.875%
59	10.980	1560	1563	1568	rVB	211530	192867	9.66%	0.585%
60	11.022	1568	1570	1573	rBV2	24430	27917	1.40%	0.085%
61	11.151	1587	1592	1595	rBV2	80235	117190	5.87%	0.355%
62	11.228	1602	1605	1608	rBV2	91379	88880	4.45%	0.269%
63	11.404	1633	1635	1638	rBV	95233	94023	4.71%	0.285%
64	11.433	1638	1640	1643	rVV	132349	122189	6.12%	0.370%
65	11.469	1643	1646	1647	rVV	109736	94017	4.71%	0.285%
66	11.516	1651	1654	1656	rVV	193637	185230	9.28%	0.562%
67	11.539	1656	1658	1661	rVB	88368	76256	3.82%	0.231%
68	11.628	1671	1673	1676	rBV	75064	85275	4.27%	0.259%
69	11.704	1683	1686	1690	rVB	69883	71570	3.58%	0.217%
70	11.745	1690	1693	1696	rBV2	66733	65297	3.27%	0.198%
71	11.957	1726	1729	1732	rBV	103171	113219	5.67%	0.343%

LSC Area Percent Report

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Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.016	1737	1739	1742	rVV2	134272	129081	6.47%	0.391%
73	12.045	1742	1744	1747	rVB2	82133	75388	3.78%	0.229%
74	12.110	1752	1755	1760	rBV	1020218	943703	47.27%	2.861%
75	12.333	1789	1793	1796	rBV	878078	841968	42.17%	2.552%
76	12.386	1800	1802	1808	rVB3	127748	163189	8.17%	0.495%
77	12.463	1813	1815	1816	rVV2	73895	64439	3.23%	0.195%
78	12.486	1816	1819	1827	rVB	1152177	1130136	56.61%	3.426%
79	12.616	1839	1841	1844	rBV3	58908	46161	2.31%	0.140%
80	12.669	1848	1850	1853	rVB	112650	106475	5.33%	0.323%
81	12.739	1859	1862	1864	rBV2	215582	218580	10.95%	0.663%
82	12.769	1864	1867	1875	rVB2	159876	237456	11.89%	0.720%
83	13.080	1917	1920	1924	rBV2	209281	246029	12.32%	0.746%
84	13.186	1935	1938	1942	rVB	111960	112449	5.63%	0.341%
85	13.410	1971	1976	1979	rBV2	223639	289768	14.51%	0.878%
86	13.527	1992	1996	1999	rBV2	815902	1174318	58.82%	3.560%
87	13.557	1999	2001	2005	rVB	627230	563257	28.21%	1.708%
88	13.727	2027	2030	2033	rBV2	210158	218285	10.93%	0.662%
89	13.921	2059	2063	2066	rBV2	228917	357679	17.92%	1.084%
90	14.027	2079	2081	2086	rBV4	157002	198081	9.92%	0.600%
91	14.321	2129	2131	2134	rVB	210896	190530	9.54%	0.578%
92	14.533	2163	2167	2177	rVB	731654	1333278	66.78%	4.042%
93	14.774	2205	2208	2211	rVB	370758	341376	17.10%	1.035%
94	14.827	2214	2217	2222	rVV	649011	831105	41.63%	2.520%
95	14.874	2223	2225	2228	rVV	385708	406607	20.37%	1.233%
96	14.904	2228	2230	2237	rVB3	262771	371303	18.60%	1.126%
97	15.745	2371	2373	2381	rVB4	178796	303993	15.23%	0.922%
98	16.068	2424	2428	2438	rVB	276382	496460	24.87%	1.505%
99	16.421	2483	2488	2497	rVB	236038	459345	23.01%	1.393%
100	18.221	2788	2794	2802	rVB2	61340	157663	7.90%	0.478%

Sum of corrected areas: 32986425

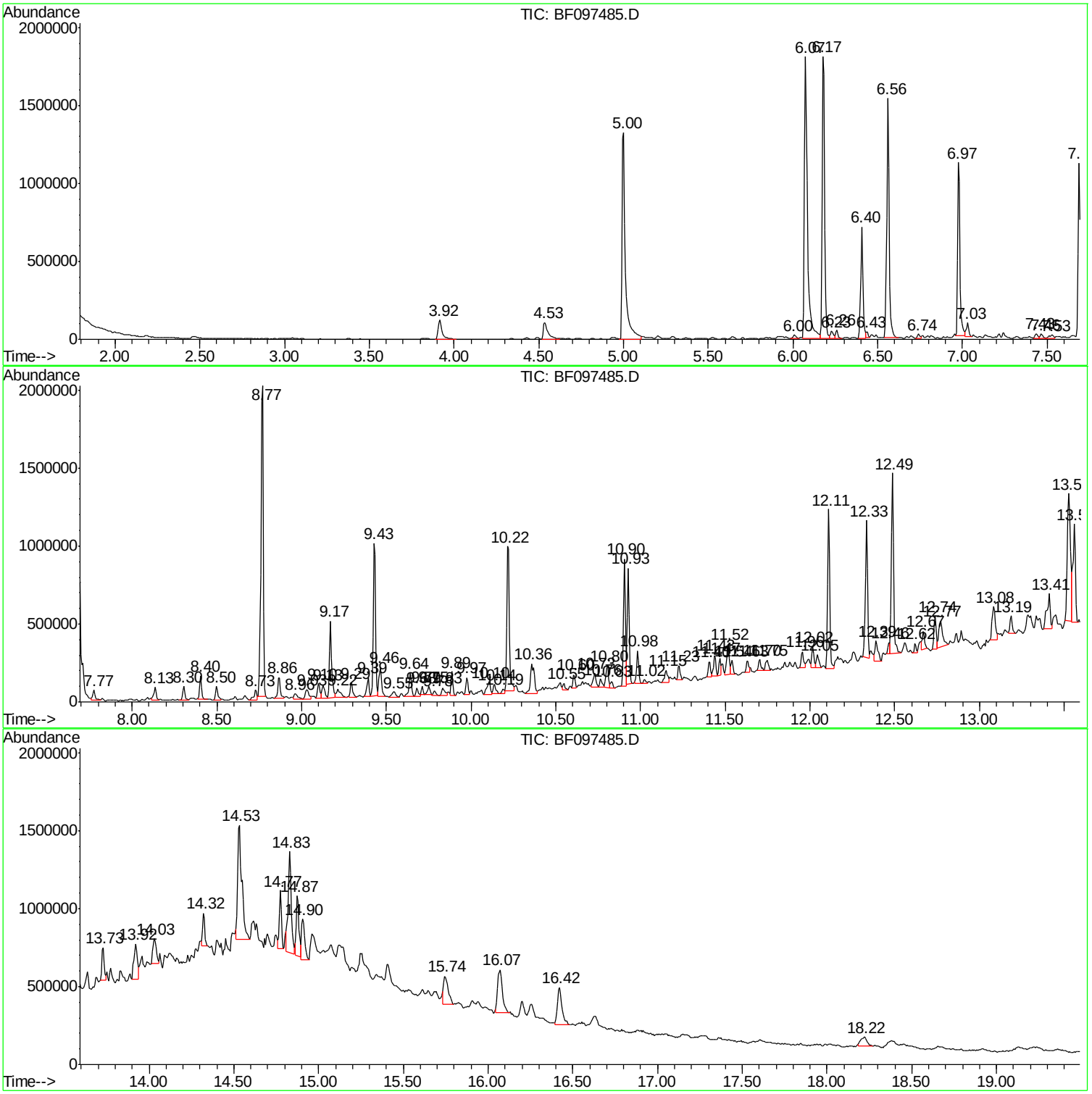
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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\BF080817\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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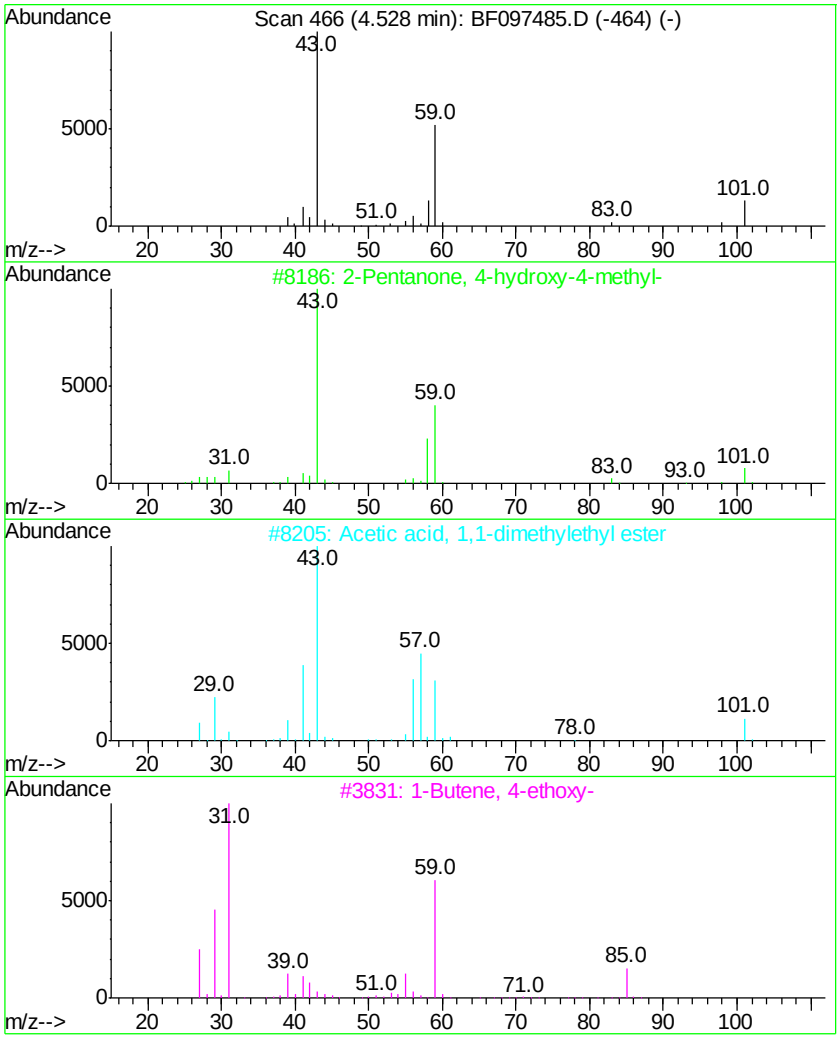
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

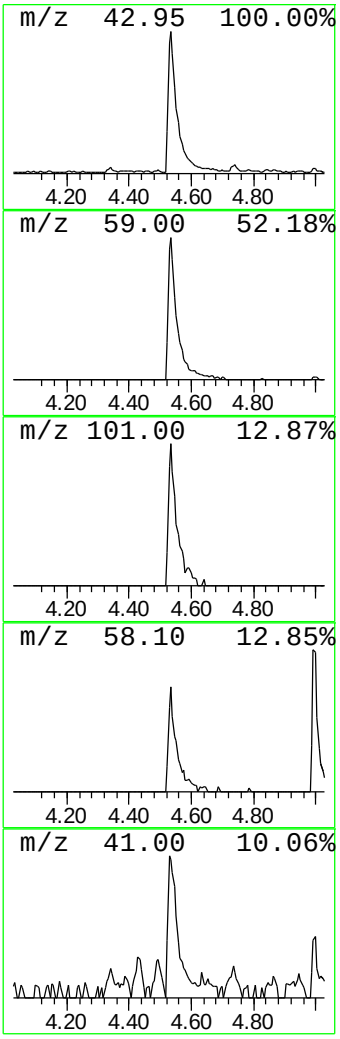
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	6.81 ng	216752	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9
4	Hexanamide	115	C6H13NO	000628-02-4	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

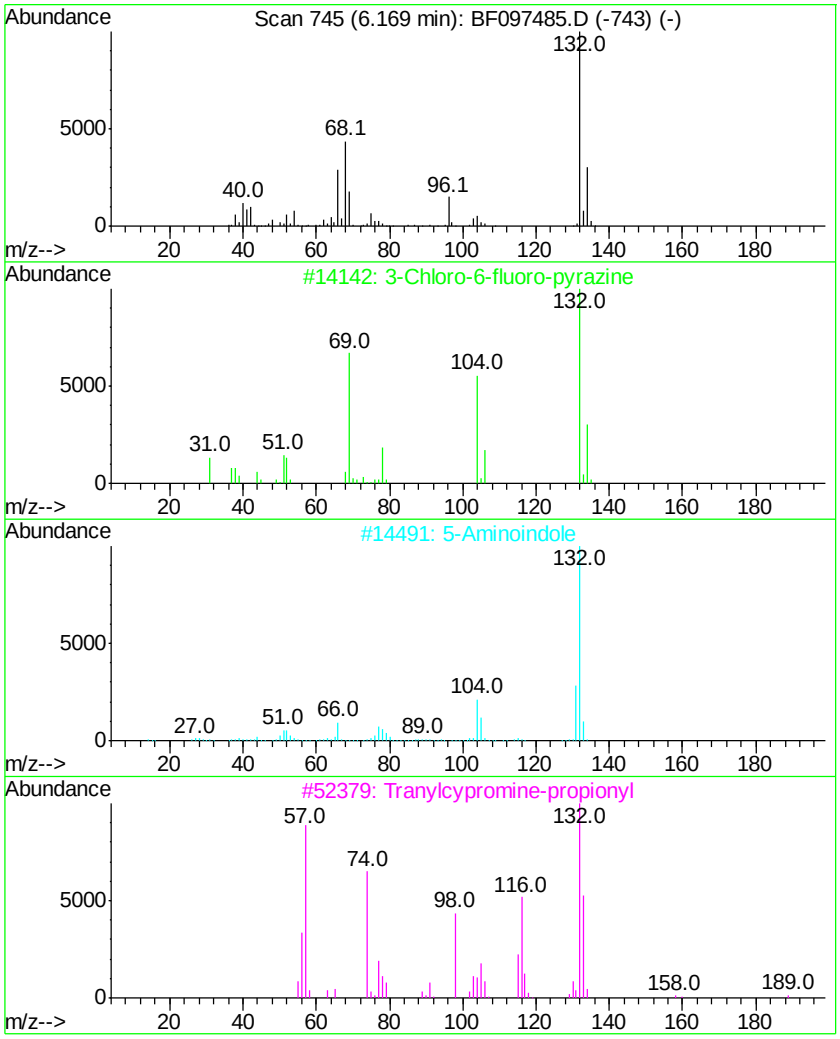
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

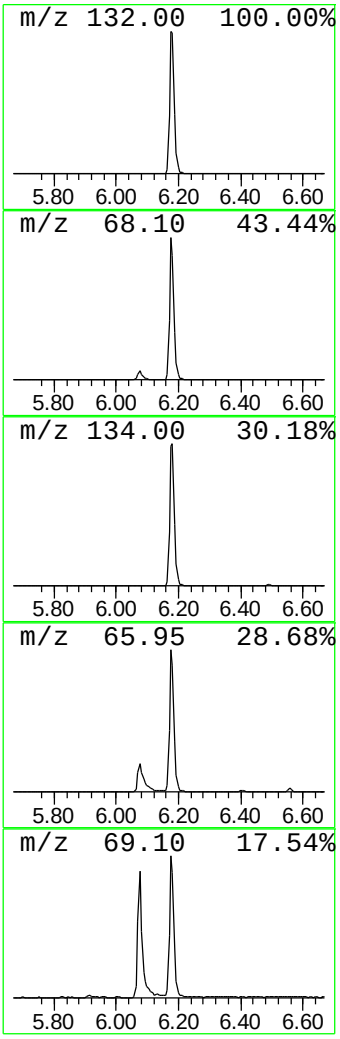
****

Peak Number 3 unknown6.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	60.44 ng	1922550	1,4-Dichlorobenzene-d4	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : I4652-02
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Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

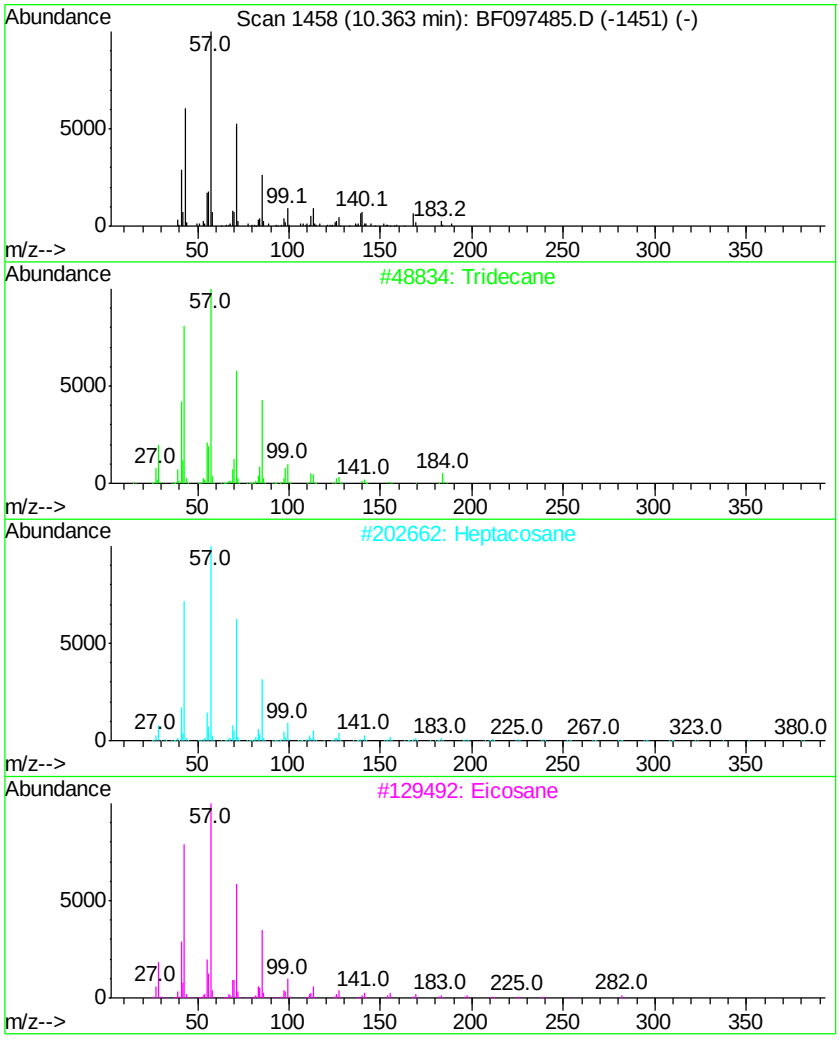
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

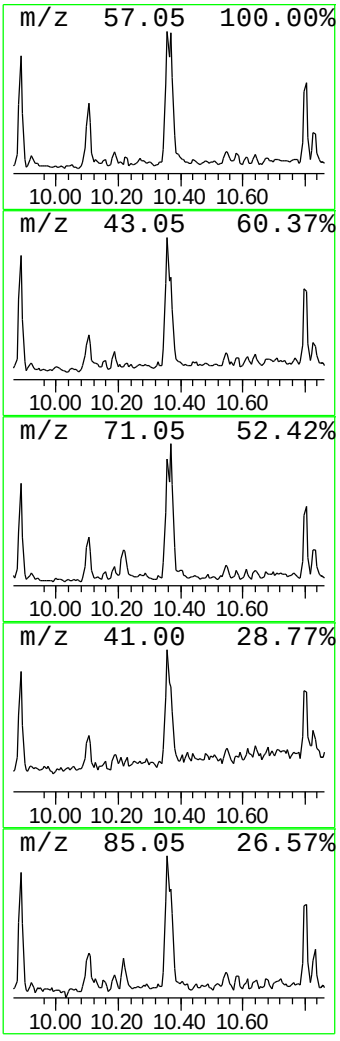
****

Peak Number 5 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	8.79 ng	319797	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Heptacosane	380	C27H56	000593-49-7	68
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	60





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Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

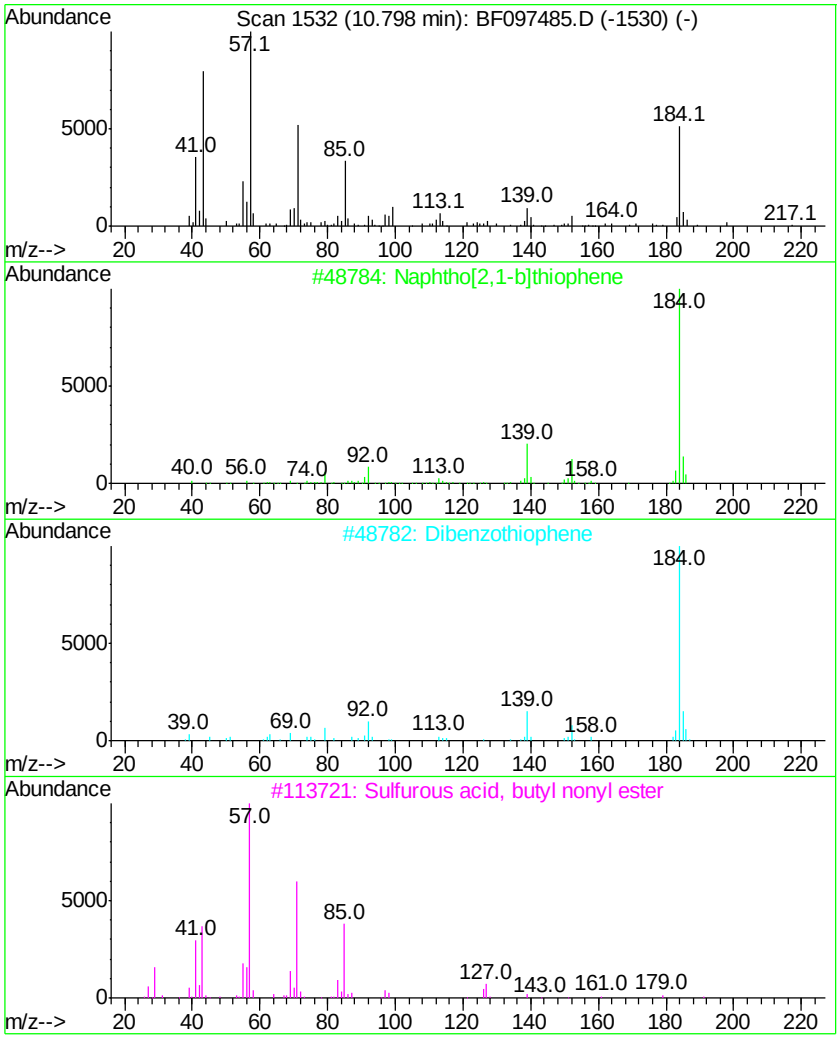
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

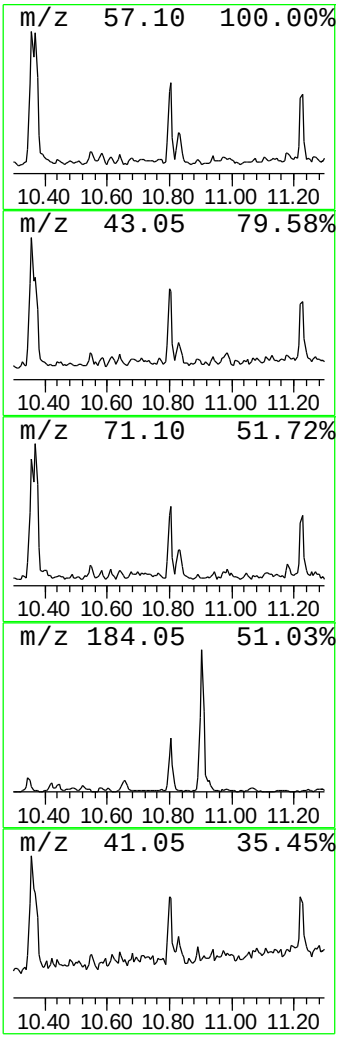
****

Peak Number 6 unknown10.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.76 ng	136624	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	46
2	Dibenzothiophene	184	C12H8S	000132-65-0	45
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

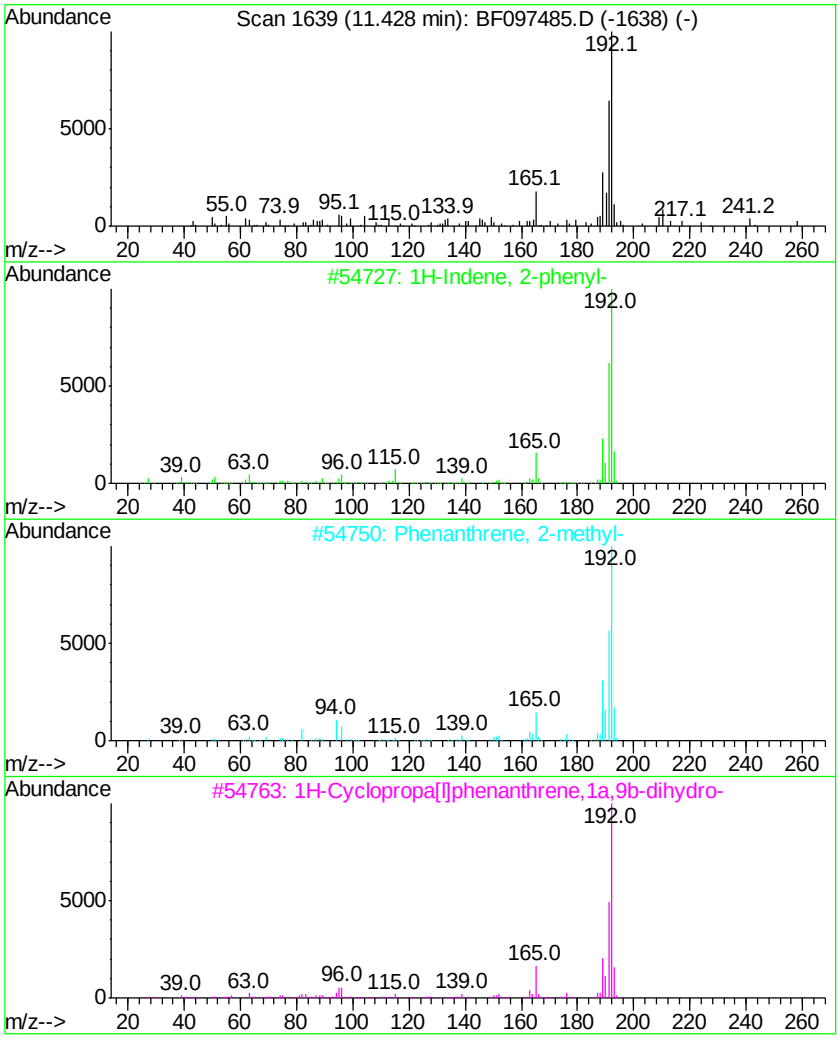
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

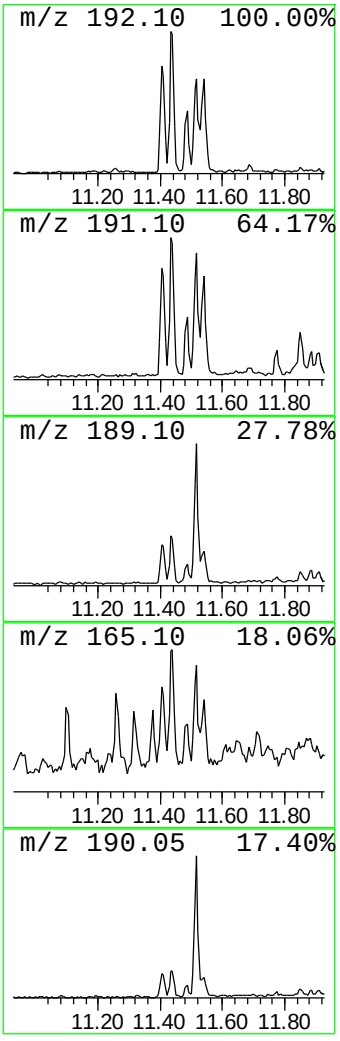
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	3.36 ng	122189	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

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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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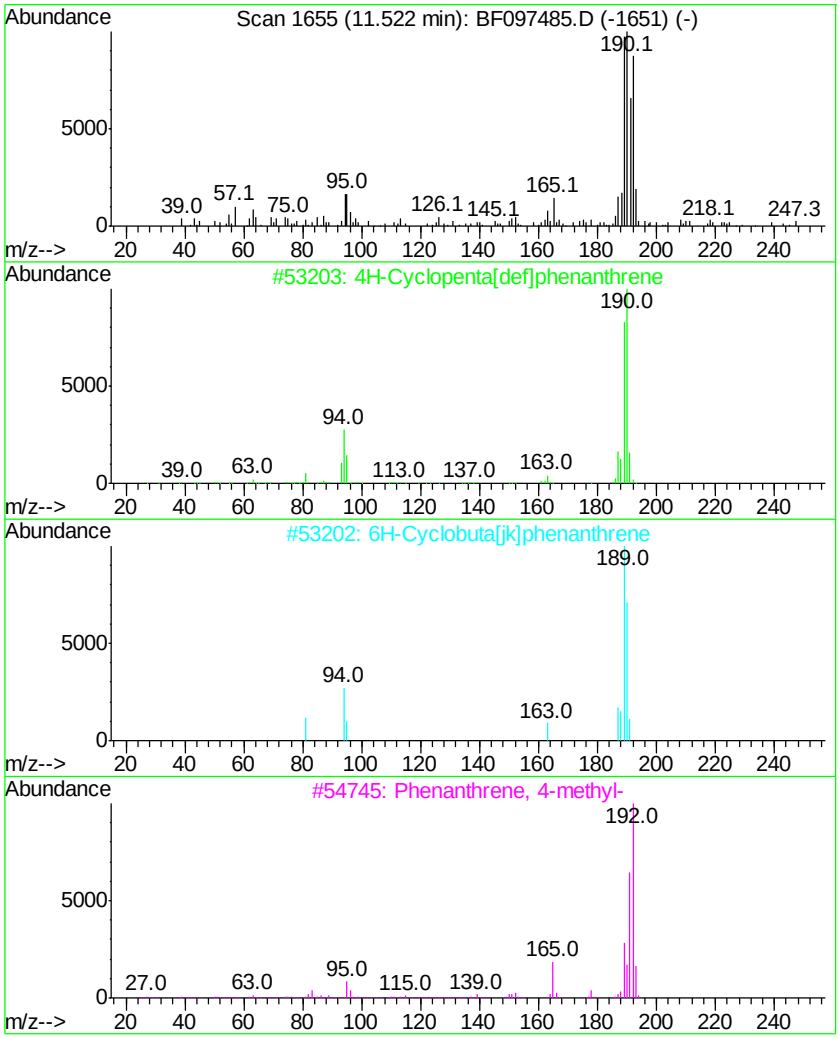
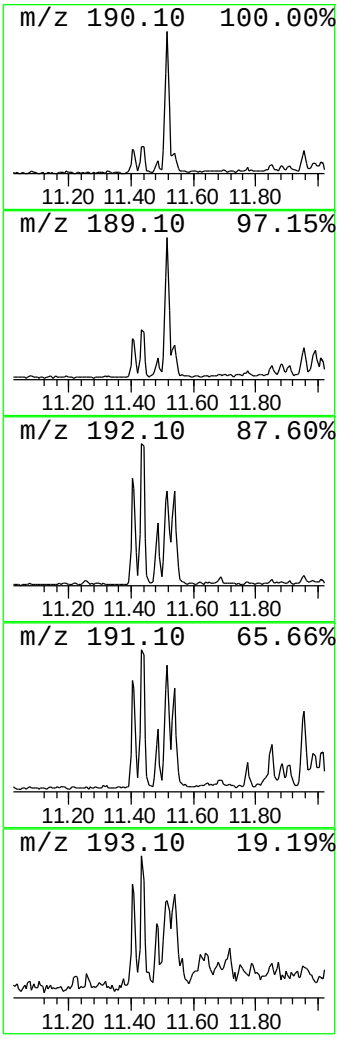
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.09 ng	185230	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38





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ClientSampleId : L-1338-A-COMP

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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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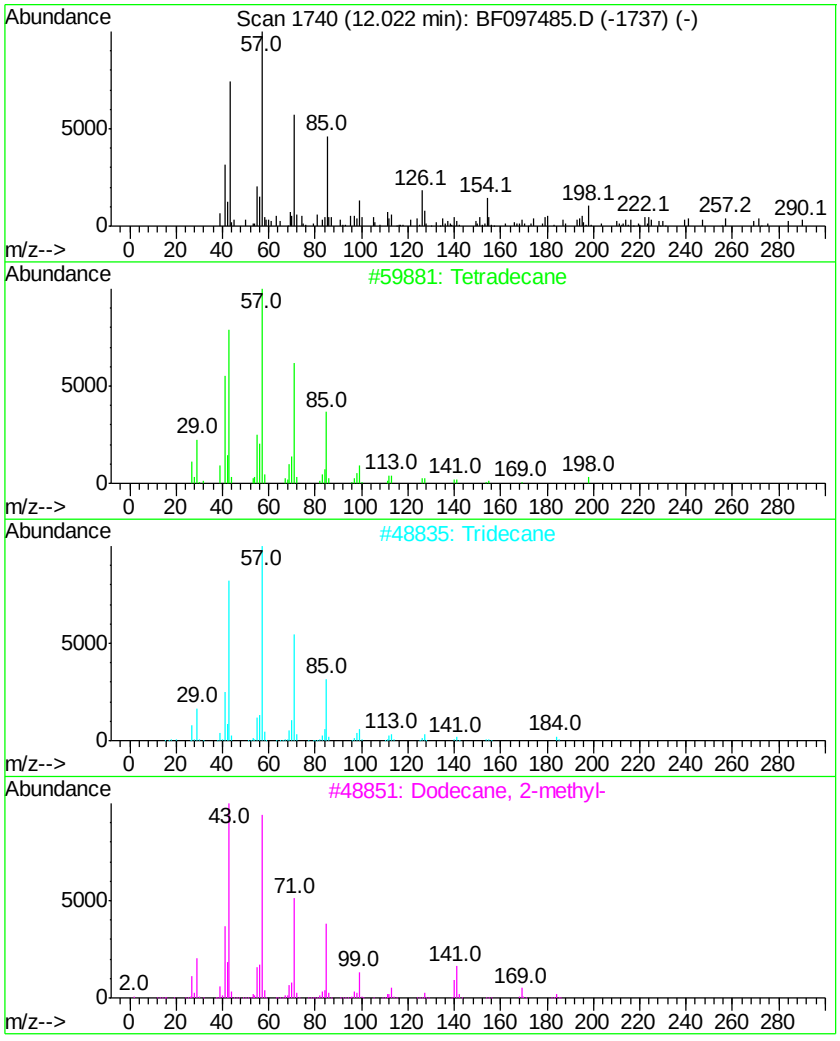
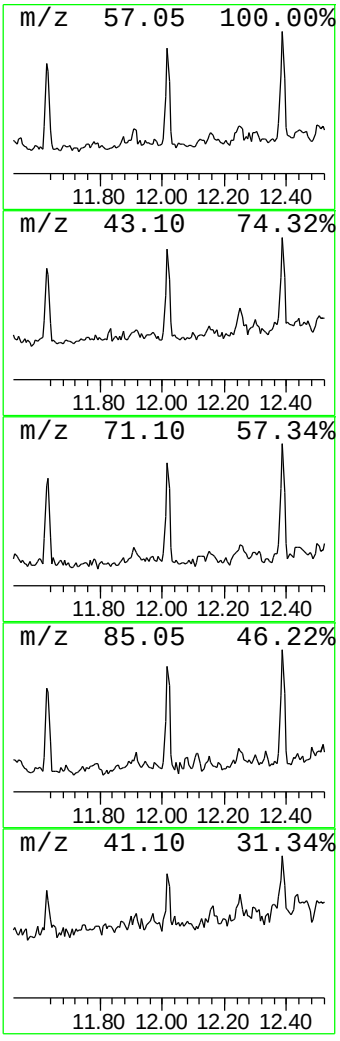
Peak Number 9 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.55 ng	129081	Phenanthrene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentadecane	212	C15H32	000629-62-9	58





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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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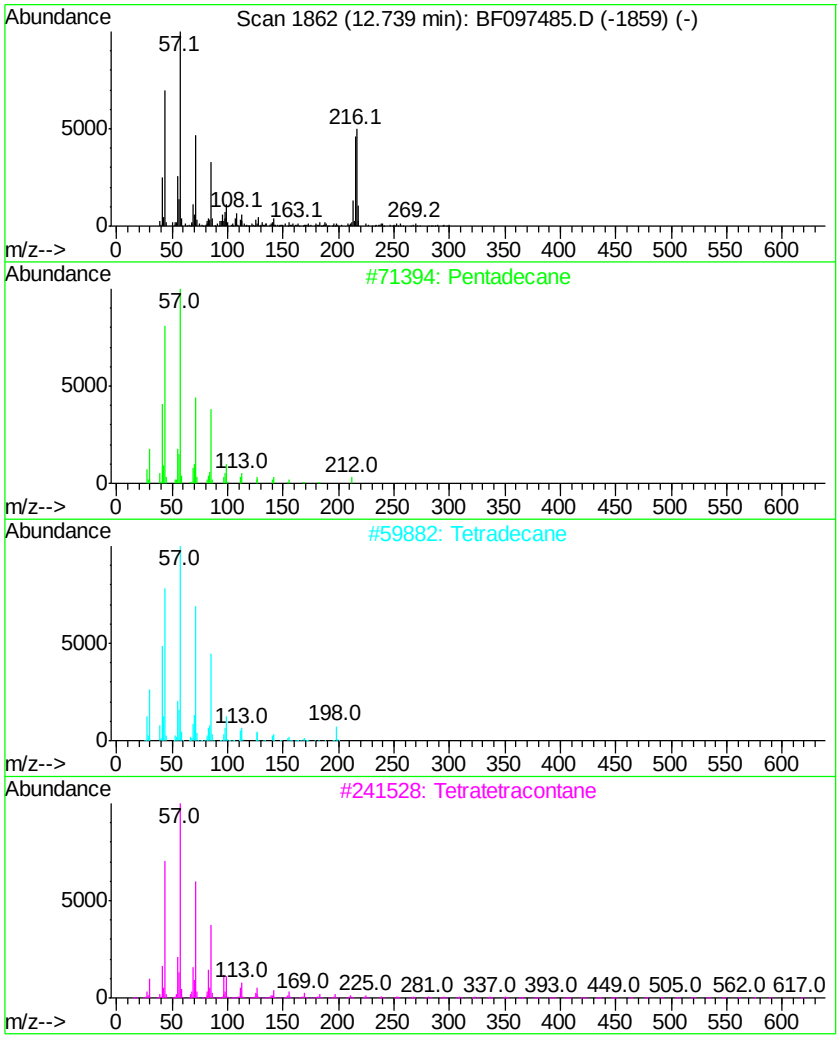
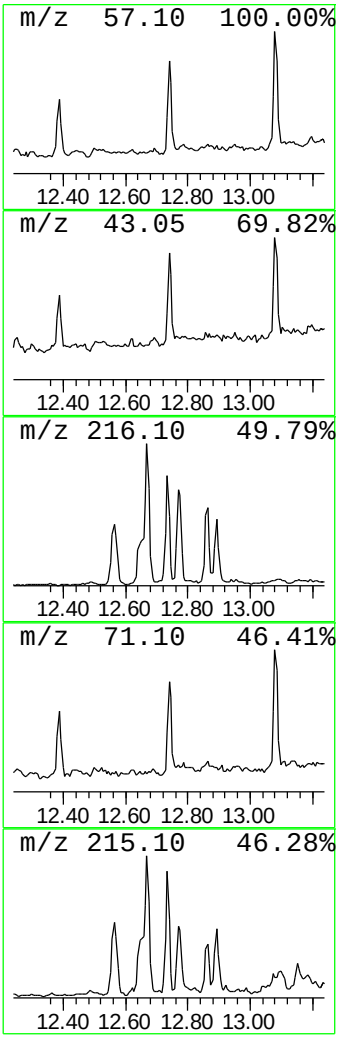
Peak Number 10 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.72 ng	218580	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	56
2	Tetradecane	198	C14H30	000629-59-4	46
3	Tetratetracontane	619	C44H90	007098-22-8	38
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
5	Octacosane	394	C28H58	000630-02-4	38





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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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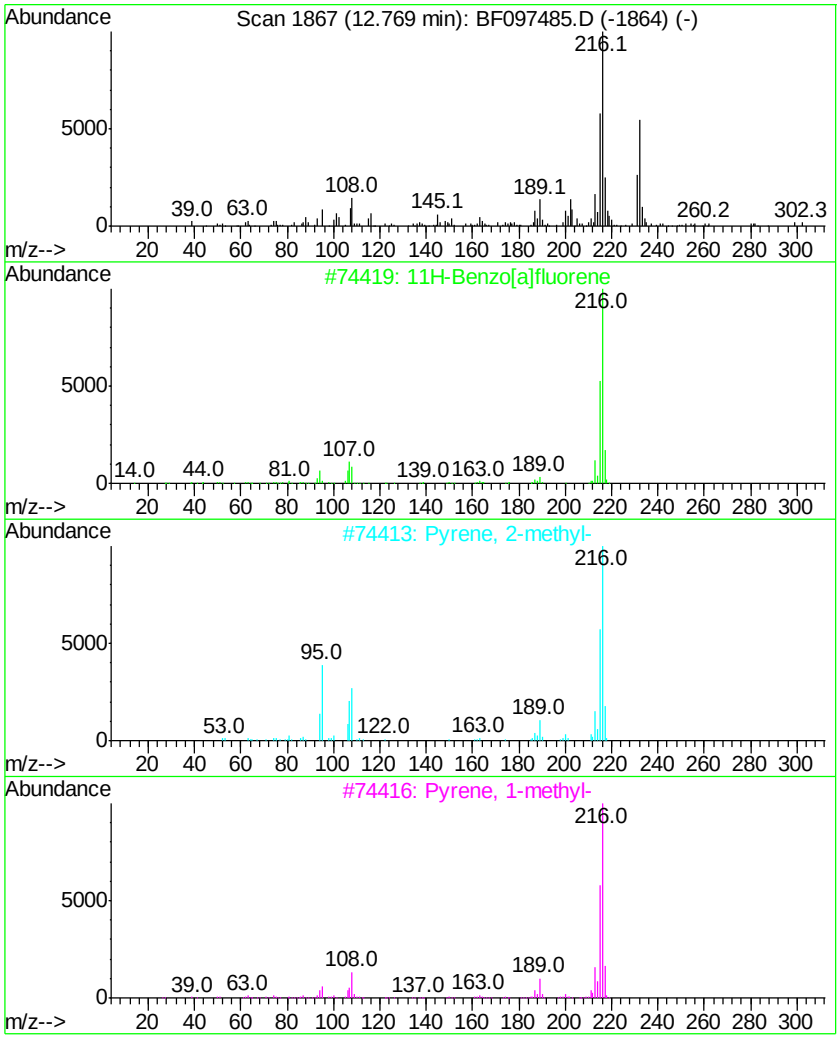
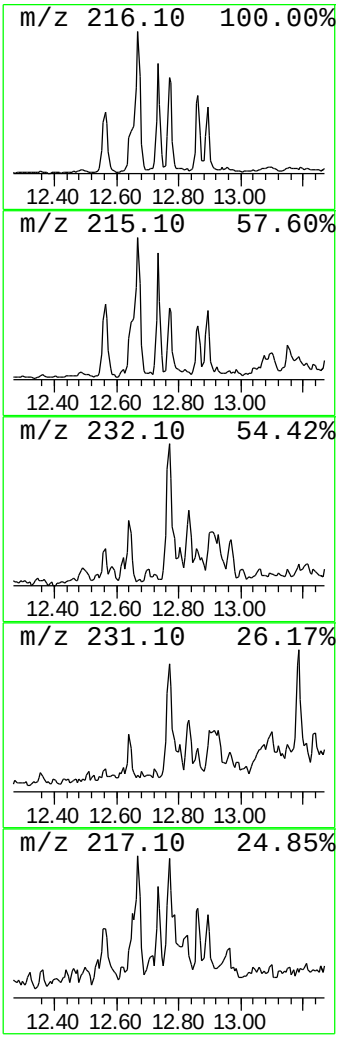
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.04 ng	237456	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55





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ALS Vial : 11 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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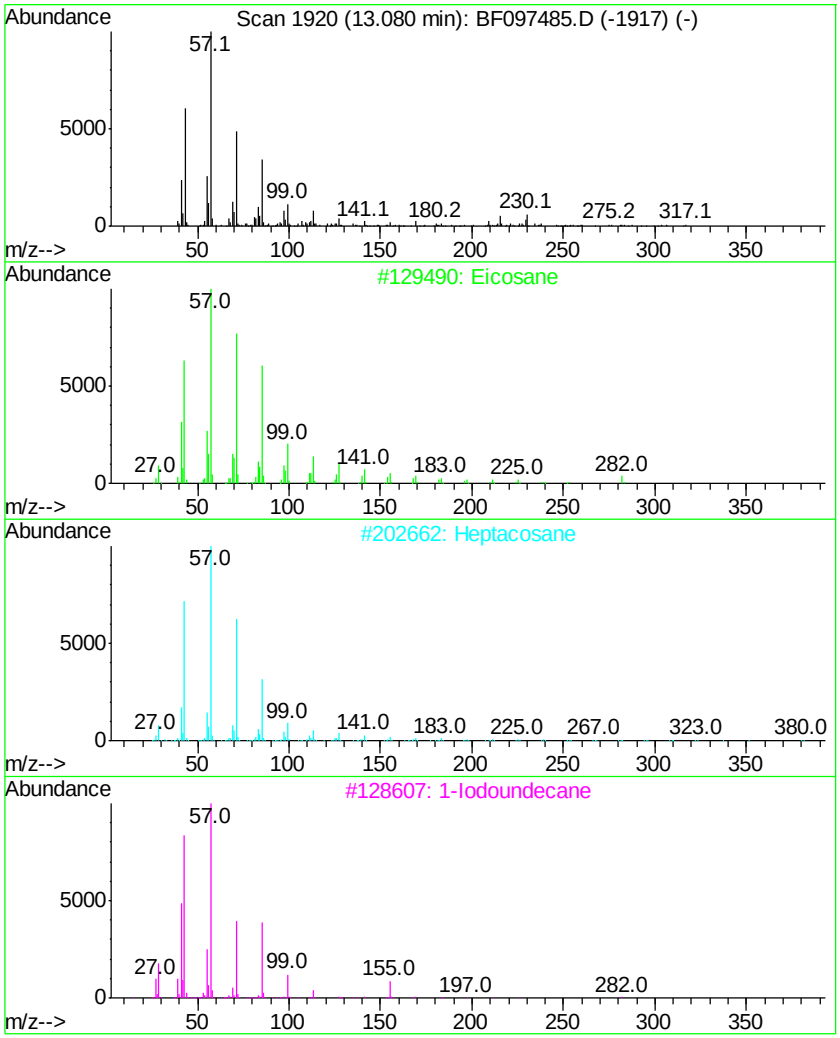
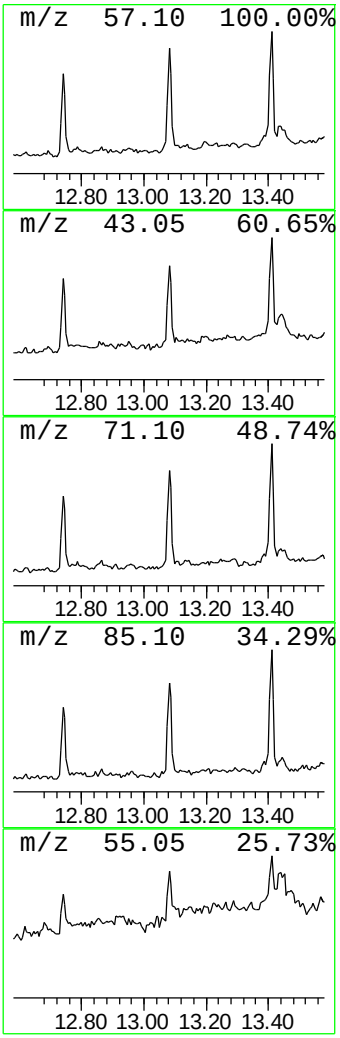
Peak Number 12 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.19 ng	246029	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	74
3	1-Iodoundecane	282	C11H23I	004282-44-4	74
4	Hexacosane	366	C26H54	000630-01-3	72
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	72





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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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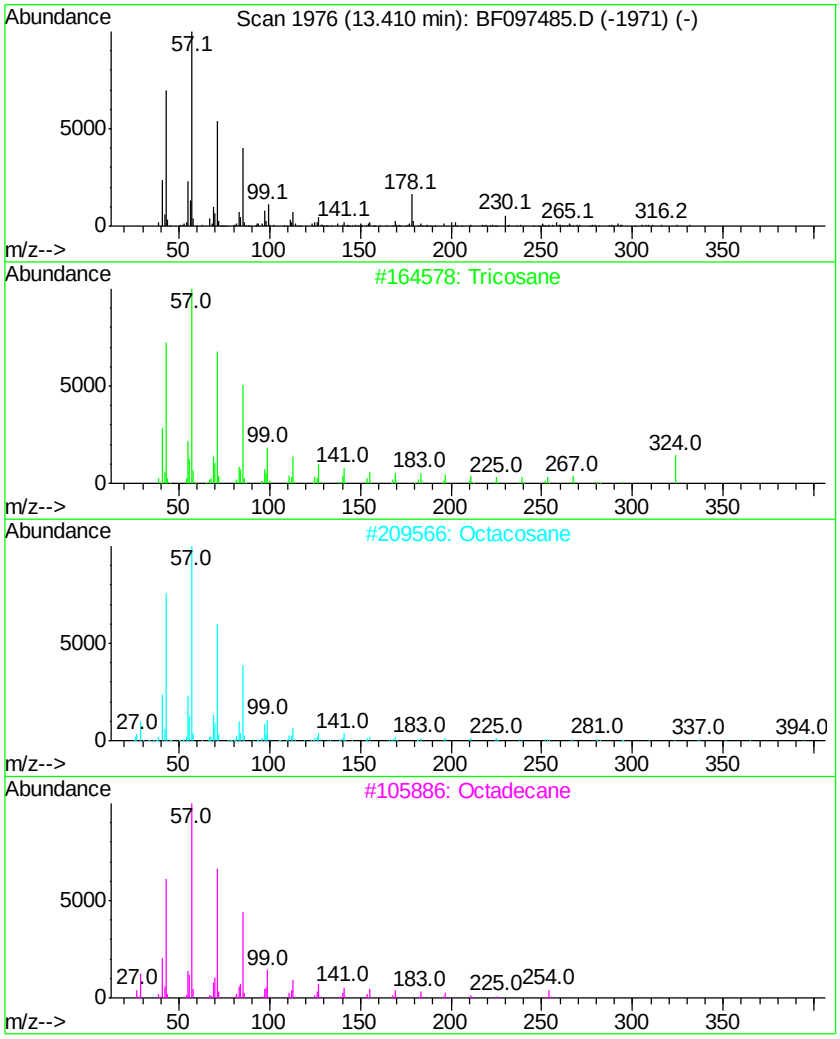
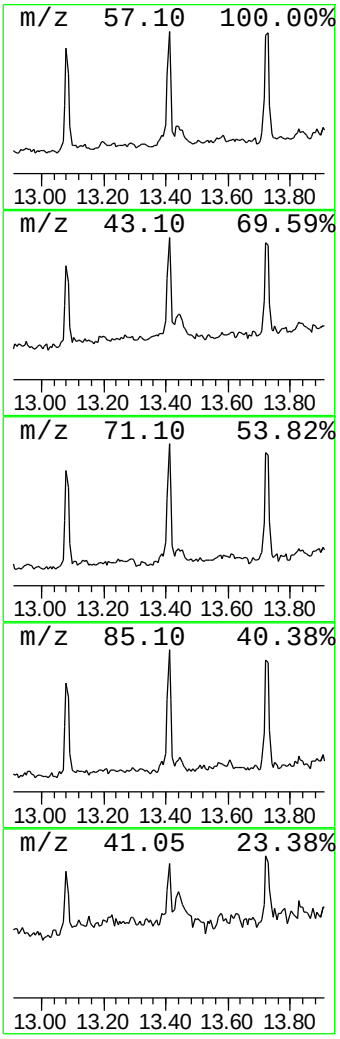
Peak Number 13 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.94 ng	289768	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	81
2	Octacosane	394	C28H58	000630-02-4	81
3	Octadecane	254	C18H38	000593-45-3	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





Library Search Compound Report

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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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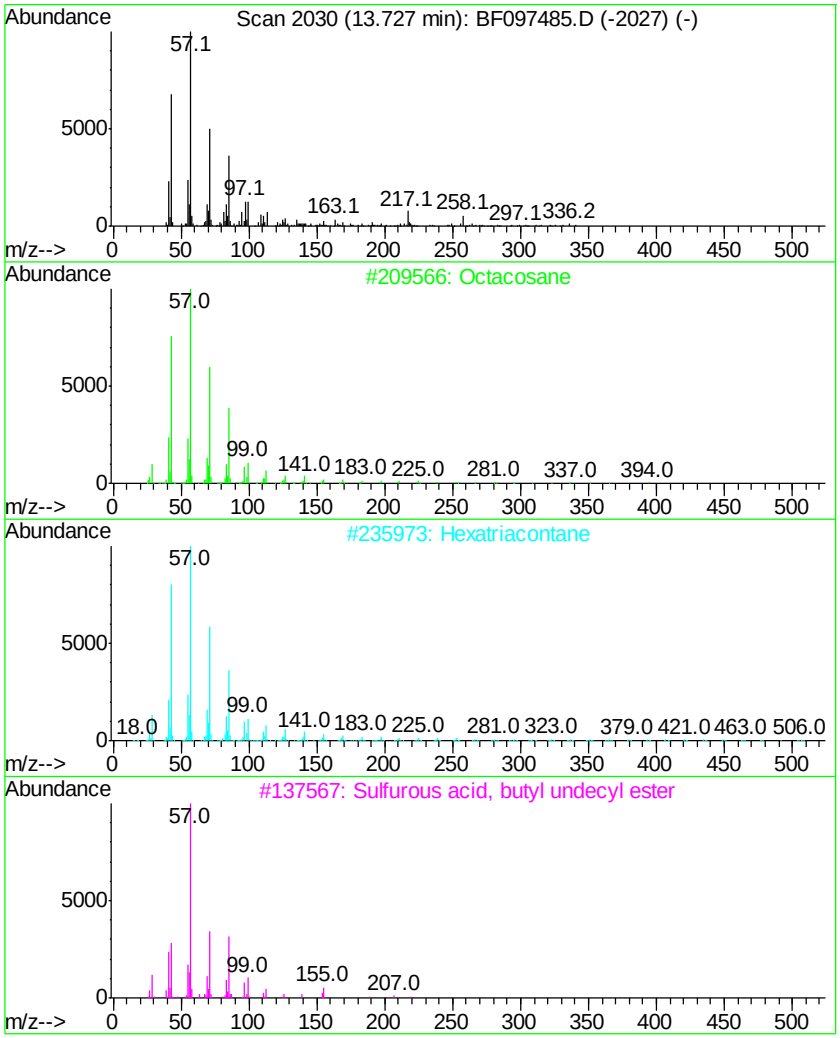
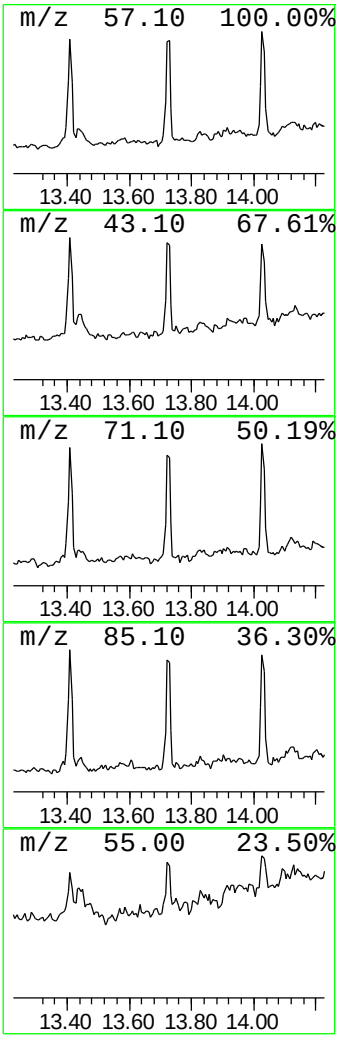
Peak Number 14 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.72 ng	218285	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexatriacontane	507	C36H74	000630-06-8	80
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Tetracosane	338	C24H50	000646-31-1	74
5	Hexacosane	366	C26H54	000630-01-3	68





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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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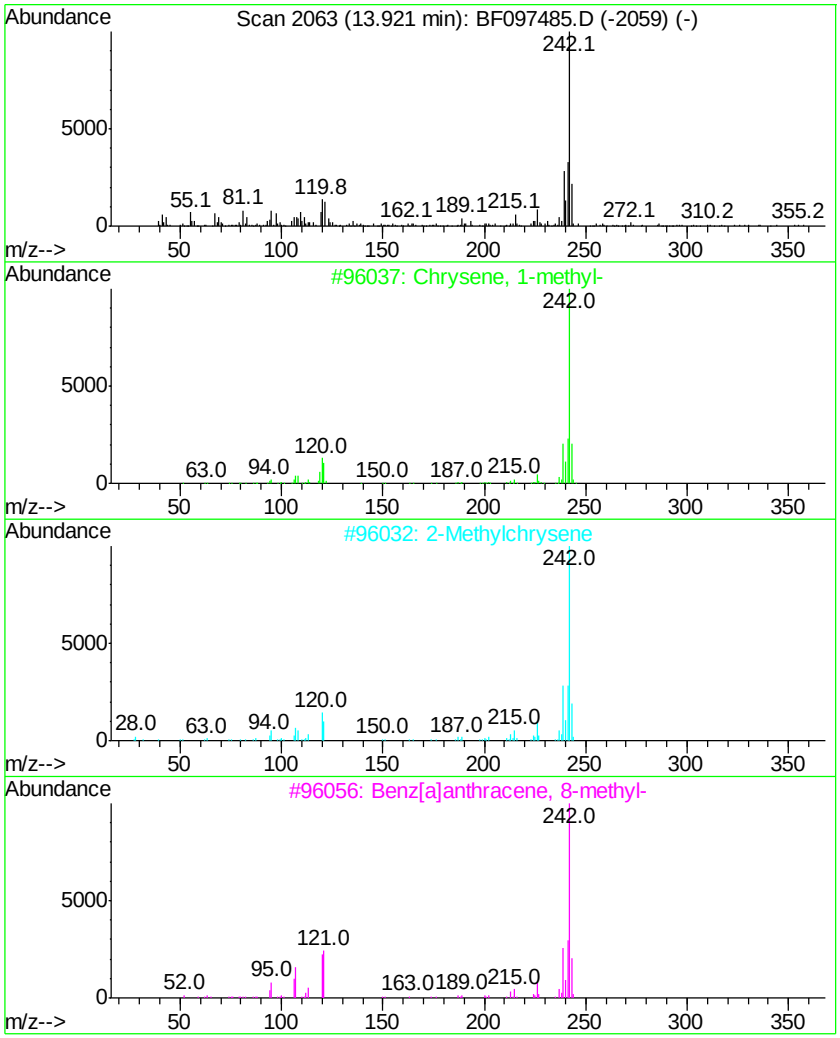
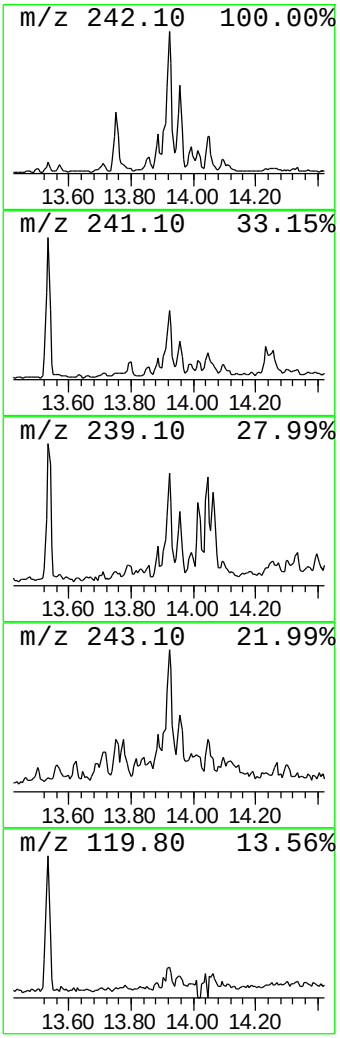
Peak Number 15 Chrysene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.09 ng	357679	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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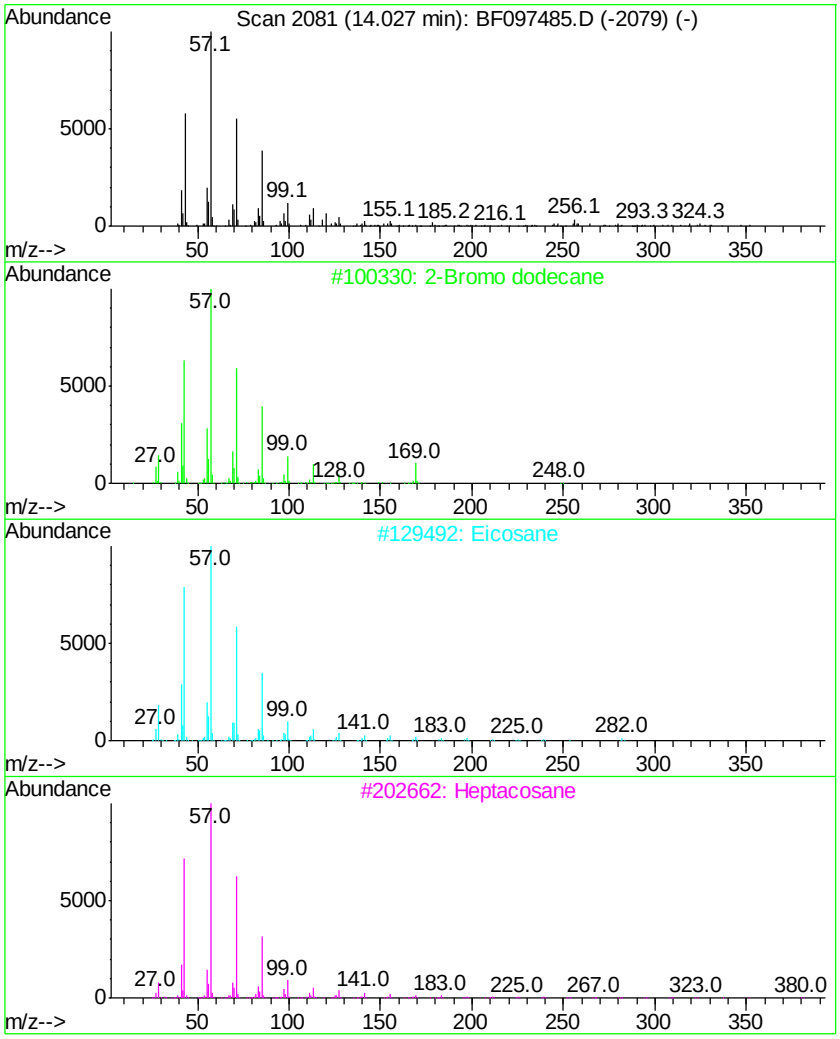
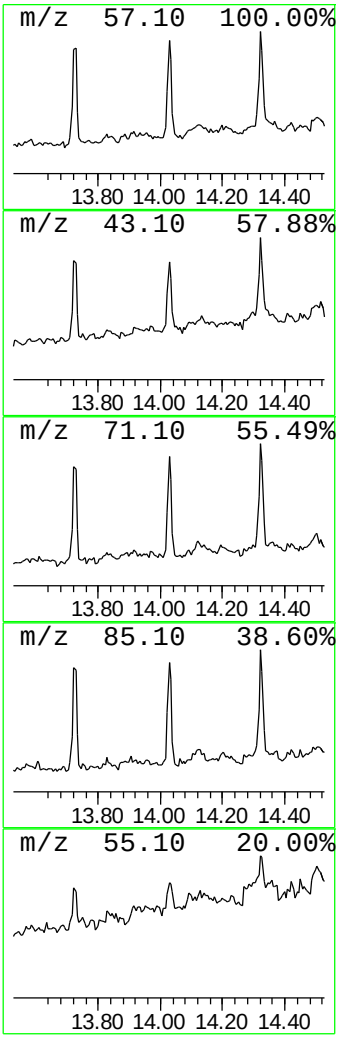
Peak Number 16 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.37 ng	198081	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	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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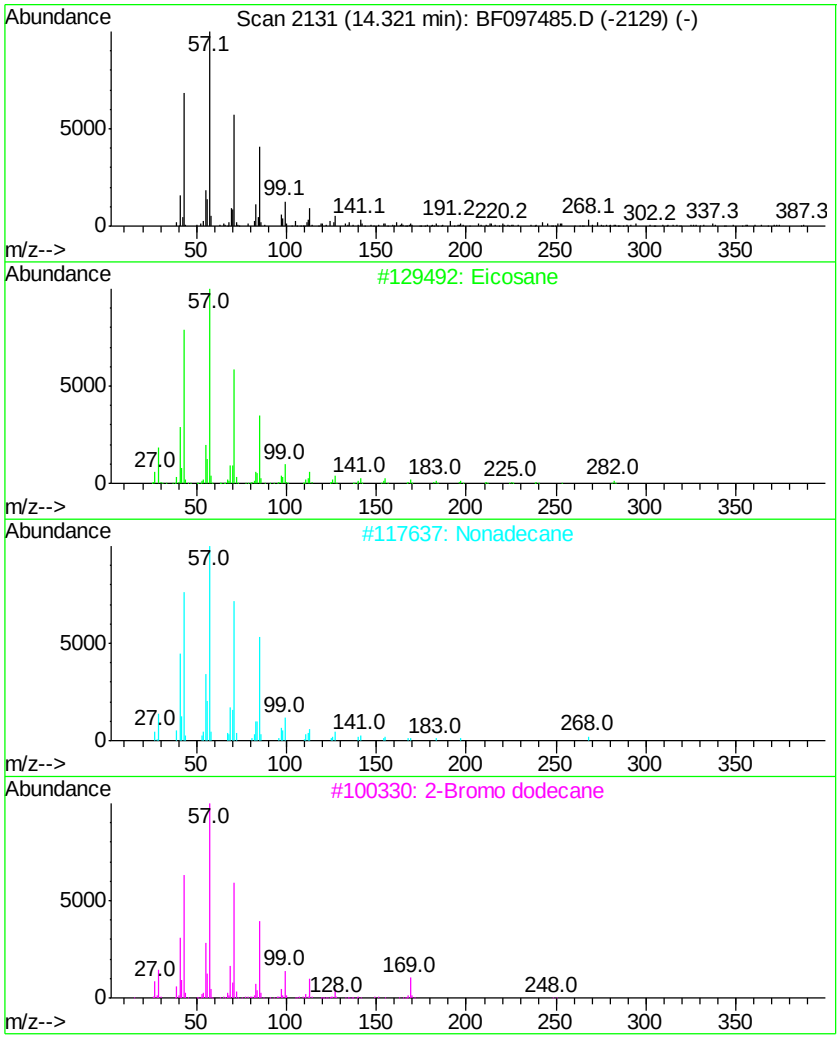
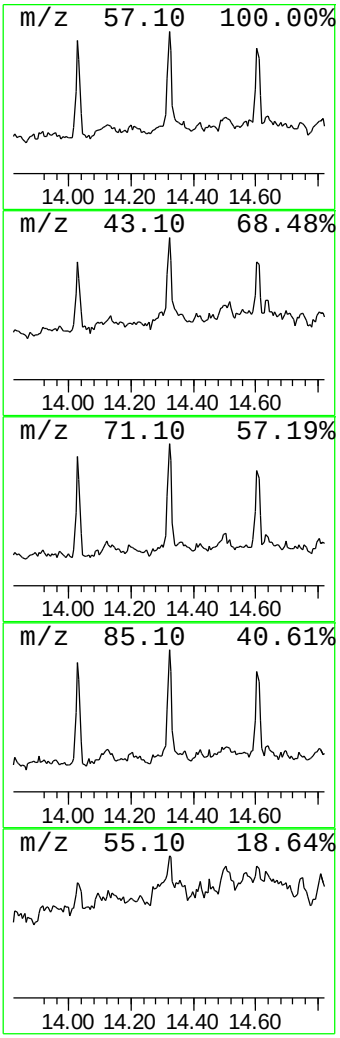
Peak Number 17 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	9.37 ng	190530	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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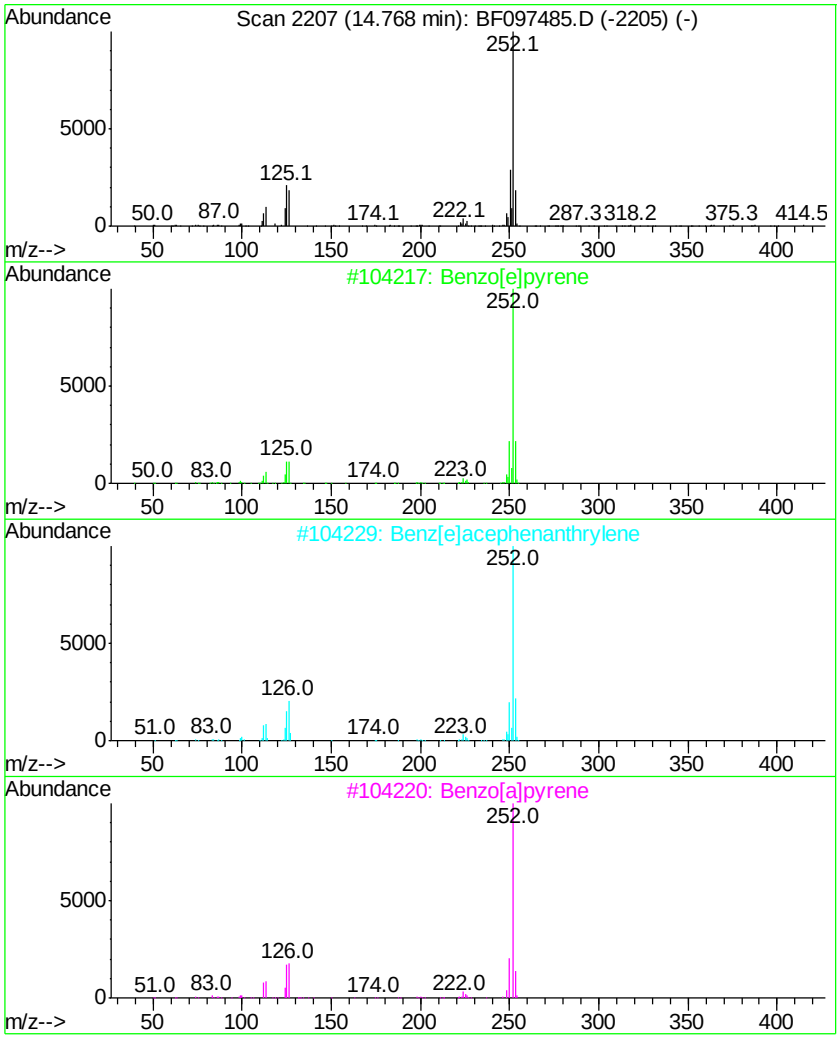
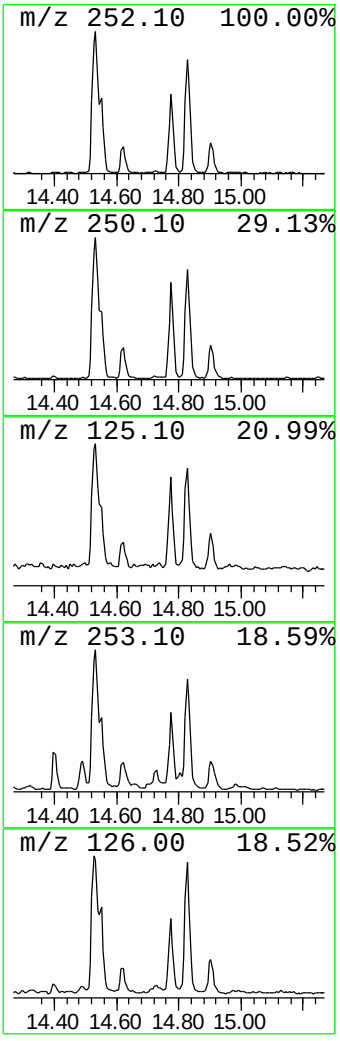
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	16.79 ng	341376	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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

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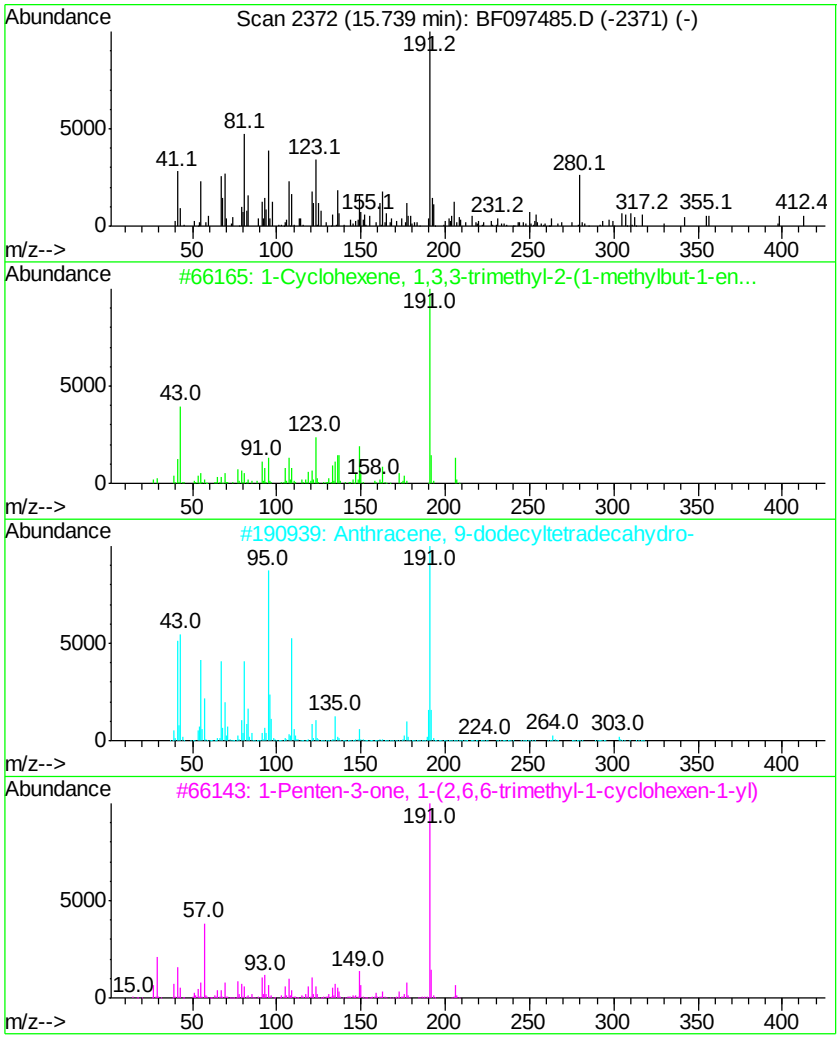
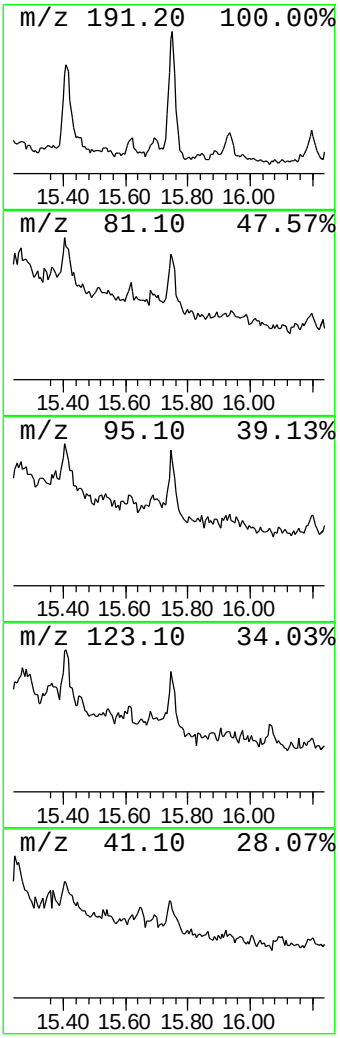
Peak Number 19 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	14.95 ng	303993	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	59
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	2-Toluyl 3,4-dimethoxycinnamamide	297	C18H19NO3	302549-37-7	35
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	35





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Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

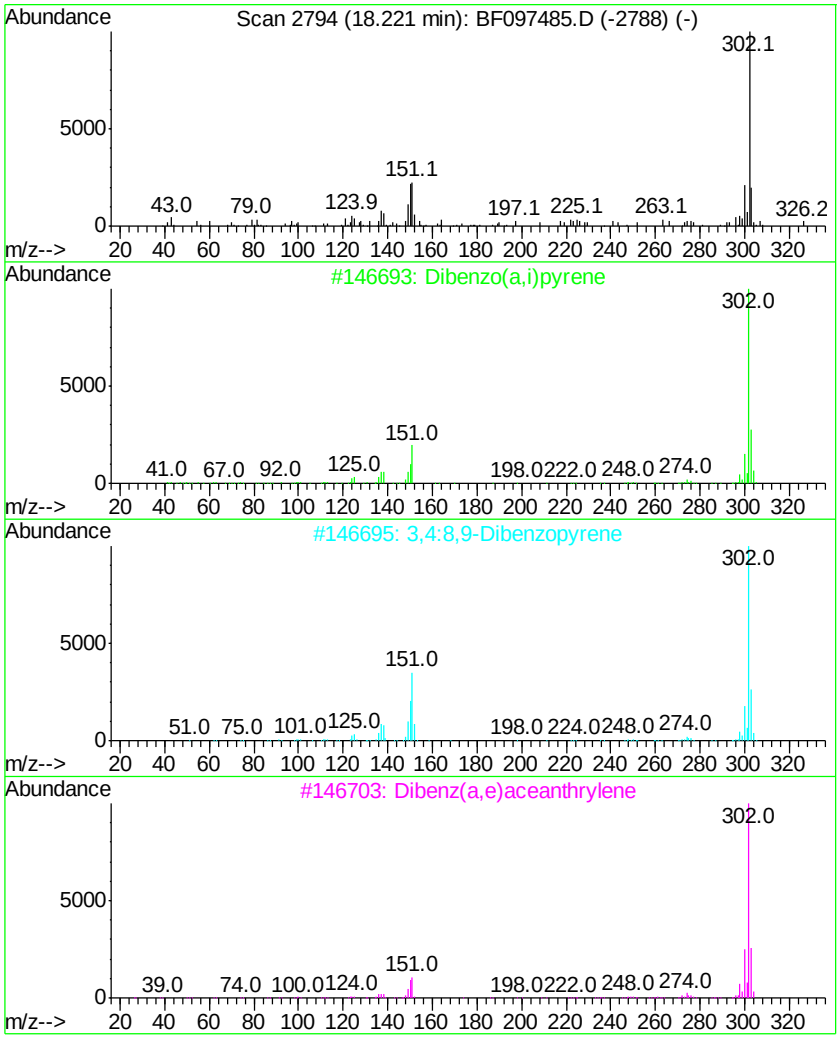
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

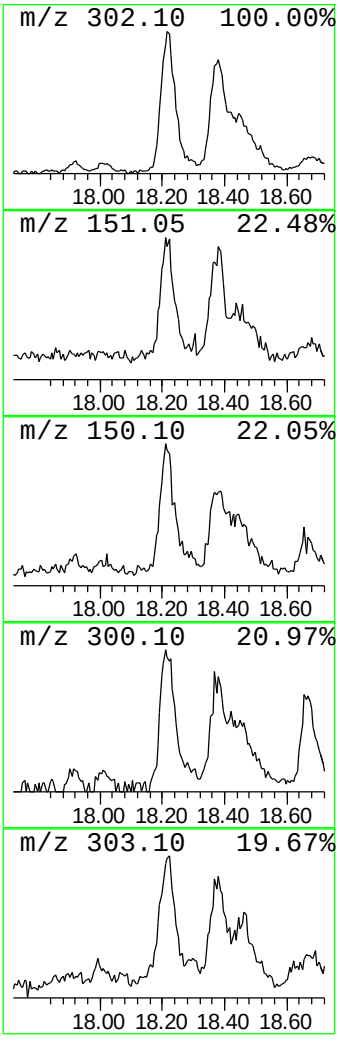
****

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	7.76 ng	157663	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
5	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097485.D
Acq On : 8 Aug 2017 23:04
Operator : SJ/JU
Sample : I4652-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1338-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.53	6.8	ng	216752	1	6.40	636144	20.0
unknown6.17	6.17	60.4	ng	1922550	1	6.40	636144	20.0
Tridecane	10.36	8.8	ng	319797	4	10.90	727353	20.0
unknown10.80	10.80	3.8	ng	136624	4	10.90	727353	20.0
1H-Indene, 2-phenyl-	11.43	3.4	ng	122189	4	10.90	727353	20.0
4H-Cyclopenta[def...	11.52	5.1	ng	185230	4	10.90	727353	20.0
Tetradecane	12.02	3.5	ng	129081	4	10.90	727353	20.0
Pentadecane	12.74	3.7	ng	218580	5	13.53	1174320	20.0
11H-Benzo[a]fluorene	12.77	4.0	ng	237456	5	13.53	1174320	20.0
Eicosane	13.08	4.2	ng	246029	5	13.53	1174320	20.0
Tricosane	13.41	4.9	ng	289768	5	13.53	1174320	20.0
Octacosane	13.73	3.7	ng	218285	5	13.53	1174320	20.0
Chrysene, 1-methyl-	13.92	6.1	ng	357679	5	13.53	1174320	20.0
2-Bromo dodecane	14.03	3.4	ng	198081	5	13.53	1174320	20.0
Nonadecane	14.32	9.4	ng	190530	6	14.88	406607	20.0
Benzo[e]pyrene	14.77	16.8	ng	341376	6	14.88	406607	20.0
1-Cyclohexene, 1,...	15.74	14.9	ng	303993	6	14.88	406607	20.0
Dibenzo(a,i)pyrene	18.22	7.8	ng	157663	6	14.88	406607	20.0