LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-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-BF113017.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	5.075	503	508	516	rBV	54229	72361	3.40%	0.395%
2	5.475	572	576	588	rVB	1061170	1134191	53.32%	6.185%
3	5.798	625	631	642	rVB2	49963	72337	3.40%	0.394%
4	6.498	733	750	761	rBV2	804024	2127142	100.00%	11.599%
5	6.622	767	771	774	rBV	1216834	1171996	55.10%	6.391%
6	6.845	806	809	813	rBV	400015	319178	15.01%	1.740%
7	7.004	832	836	839	rBV	1039148	837089	39.35%	4.564%
8	7.416	901	906	908	rBV	709404	689764	32.43%	3.761%
9	7.875	980	984	990	rBV	18153	24791	1.17%	0.135%
10	8.128	1024	1027	1029	rBV	501702	408570	19.21%	2.228%
11	8.151	1029	1031	1034	rVB	133619	95983	4.51%	0.523%
12	8.275	1050	1052	1066	rBV	15934	28211	1.33%	0.154%
13	8.839	1145	1148	1152	rVB	66249	50439	2.37%	0.275%
14	8.939	1162	1165	1168	rBB	57185	41452	1.95%	0.226%
15	9.204	1205	1210	1213	rBV	1350764	1077375	50.65%	5.875%
16	9.275	1219	1222	1225	rBV	41429	32287	1.52%	0.176%
17	9.469	1252	1255	1260	rBV2	22400	27045	1.27%	0.147%
18	9.539	1263	1267	1270	rBV	38520	37920	1.78%	0.207%
19	9.592	1274	1276	1279	rVB	89972	74288	3.49%	0.405%
20	9.804	1308	1312	1315	rBV	59758	46553	2.19%	0.254%
21	9.886	1322	1326	1329	rVV	468643	392304	18.44%	2.139%
22	9.916	1329	1331	1334	rVB	158986	111678	5.25%	0.609%
23	10.086	1357	1360	1364	rVV	83224	71917	3.38%	0.392%
24	10.304	1395	1397	1400	rVB	62960	47035	2.21%	0.256%
25	10.433	1414	1419	1422	rBV	113077	108454	5.10%	0.591%
26	10.522	1431	1434	1436	rVB2	24761	24580	1.16%	0.134%
27	10.675	1456	1460	1464	rBV	650409	555162	26.10%	3.027%
28	10.780	1475	1478	1487	rVB4	48034	78746	3.70%	0.429%
29	10.980	1505	1512	1515	rBV4	21327	31212	1.47%	0.170%
30	11.110	1529	1534	1536	rBV5	13668	23371	1.10%	0.127%
31	11.227	1548	1554	1556	rVV3	35407	37212	1.75%	0.203%
32	11.269	1556	1561	1564	rVB2	47698	46887	2.20%	0.256%
33	11.374	1575	1579	1581	rBV	384030	371139	17.45%	2.024%
34	11.398	1581	1583	1586	rVV	730420	548827	25.80%	2.993%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.451	1586	1592	1595	rVV	164617	157920	7.42%	0.861%
36	11.604	1611	1618	1622	rBV2	100165	97525	4.58%	0.532%
37	11.651	1624	1626	1630	rVV2	24246	26642	1.25%	0.145%
38	11.874	1661	1664	1666	rBV	64369	60252	2.83%	0.329%
39	11.904	1666	1669	1672	rVB	94400	87534	4.12%	0.477%
40	11.951	1673	1677	1680	rBV	38495	32708	1.54%	0.178%
41	11.986	1680	1683	1685	rBV	112915	110435	5.19%	0.602%
42	12.010	1685	1687	1691	rVB	42751	33476	1.57%	0.183%
43	12.057	1691	1695	1697	rBV2	22718	21348	1.00%	0.116%
44	12.169	1711	1714	1717	rBV	47579	36387	1.71%	0.198%
45	12.198	1717	1719	1725	rVB	40966	33864	1.59%	0.185%
46	12.422	1754	1757	1759	rBV	35775	32312	1.52%	0.176%
47	12.516	1769	1773	1777	rVB3	26320	33294	1.57%	0.182%
48	12.592	1782	1786	1789	rBV	709945	632376	29.73%	3.448%
49	12.739	1803	1811	1814	rBV3	24515	43289	2.04%	0.236%
50	12.821	1818	1825	1830	rBV	591080	660961	31.07%	3.604%
51	12.869	1830	1833	1838	rVB2	30299	34285	1.61%	0.187%
52	12.957	1840	1848	1851	rBV	873367	801157	37.66%	4.369%
53	13.039	1857	1862	1865	rBV3	36539	68092	3.20%	0.371%
54	13.116	1872	1875	1877	rBV3	39379	45870	2.16%	0.250%
55	13.145	1877	1880	1883	rVB	111345	100665	4.73%	0.549%
56	13.210	1888	1891	1894	rVV	85585	70555	3.32%	0.385%
57	13.251	1894	1898	1900	rVV2	57671	70640	3.32%	0.385%
58	13.345	1910	1914	1916	rBV	31091	29823	1.40%	0.163%
59	13.374	1916	1919	1922	rBV2	31978	33692	1.58%	0.184%
60	13.568	1946	1952	1955	rVB4	25216	45977	2.16%	0.251%
61	13.627	1959	1962	1964	rBV4	20200	22887	1.08%	0.125%
62	13.657	1964	1967	1970	rVB	47106	46616	2.19%	0.254%
63	13.763	1981	1985	1988	rBV2	68040	90618	4.26%	0.494%
64	13.792	1988	1990	1992	rVV	64880	54693	2.57%	0.298%
65	13.816	1992	1994	1996	rVV2	51711	58624	2.76%	0.320%
66	13.839	1996	1998	2001	rVV3	67100	89195	4.19%	0.486%
67	13.863	2001	2002	2008	rVB	67882	52426	2.46%	0.286%
68	13.933	2010	2014	2019	rBV	18683	38134	1.79%	0.208%
69	14.016	2020	2028	2031	rBV2	571473	865731	40.70%	4.721%
70	14.045	2031	2033	2036	rVB	334882	252120	11.85%	1.375%
71	14.121	2043	2046	2049	rBV	79191	63234	2.97%	0.345%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6622-11
Misc :
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Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.163	2050	2053	2055	rVV2	35065	33650	1.58%	0.183%
73	14.210	2058	2061	2063	rVV	42206	35315	1.66%	0.193%
74	14.245	2063	2067	2070	rVB2	54116	65953	3.10%	0.360%
75	14.404	2090	2094	2096	rVB	76407	71181	3.35%	0.388%
76	14.433	2097	2099	2103	rVB2	30939	27553	1.30%	0.150%
77	14.480	2103	2107	2108	rBV4	21110	26725	1.26%	0.146%
78	14.527	2113	2115	2117	rVV	41754	40707	1.91%	0.222%
79	14.551	2117	2119	2123	rVB2	43891	41011	1.93%	0.224%
80	14.715	2145	2147	2149	rBV2	25518	22815	1.07%	0.124%
81	14.757	2152	2154	2157	rVB4	27740	26120	1.23%	0.142%
82	14.904	2175	2179	2186	rVB2	34243	58137	2.73%	0.317%
83	14.963	2186	2189	2193	rBV6	15310	25477	1.20%	0.139%
84	15.063	2201	2206	2216	rBV	281470	575717	27.07%	3.139%
85	15.168	2221	2224	2227	rBV	52949	51887	2.44%	0.283%
86	15.257	2236	2239	2241	rBV3	23250	26583	1.25%	0.145%
87	15.368	2254	2258	2264	rVB	146191	207410	9.75%	1.131%
88	15.427	2264	2268	2273	rBV	229543	293147	13.78%	1.598%
89	15.492	2274	2279	2282	rVV2	245885	334753	15.74%	1.825%
90	15.521	2282	2284	2290	rVB2	76299	102351	4.81%	0.558%
91	15.927	2349	2353	2357	rVB4	23541	37859	1.78%	0.206%
92	16.051	2372	2374	2380	rVB2	17031	24283	1.14%	0.132%
93	16.968	2524	2530	2536	rBV2	76969	145001	6.82%	0.791%
94	17.139	2554	2559	2564	rBV3	15832	32192	1.51%	0.176%
95	17.198	2564	2569	2574	rVB3	14747	30274	1.42%	0.165%
96	17.415	2601	2606	2616	rVB2	51346	114490	5.38%	0.624%
97	17.656	2642	2647	2653	rBV2	16048	35678	1.68%	0.195%

Sum of corrected areas: 18339122

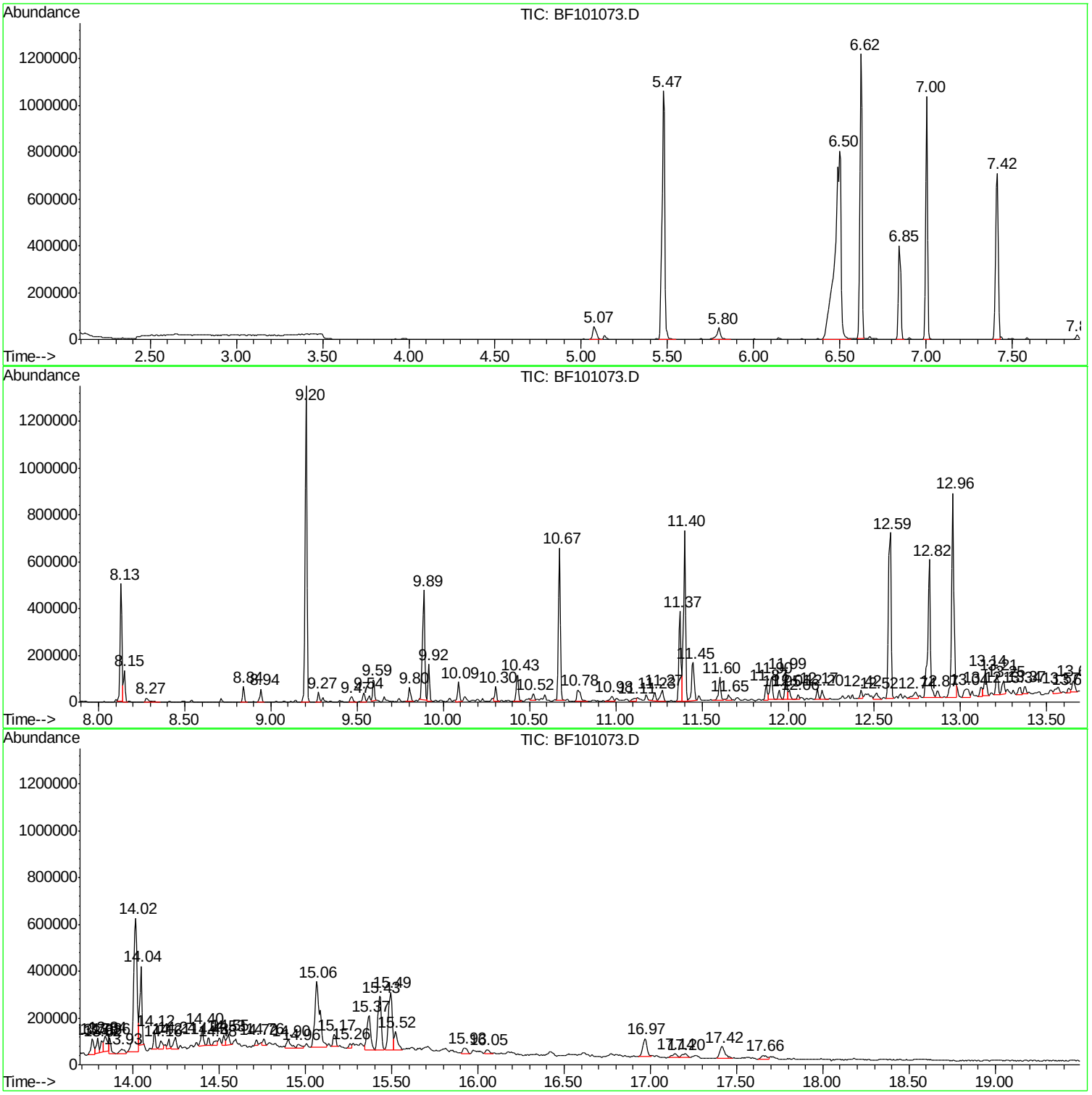
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

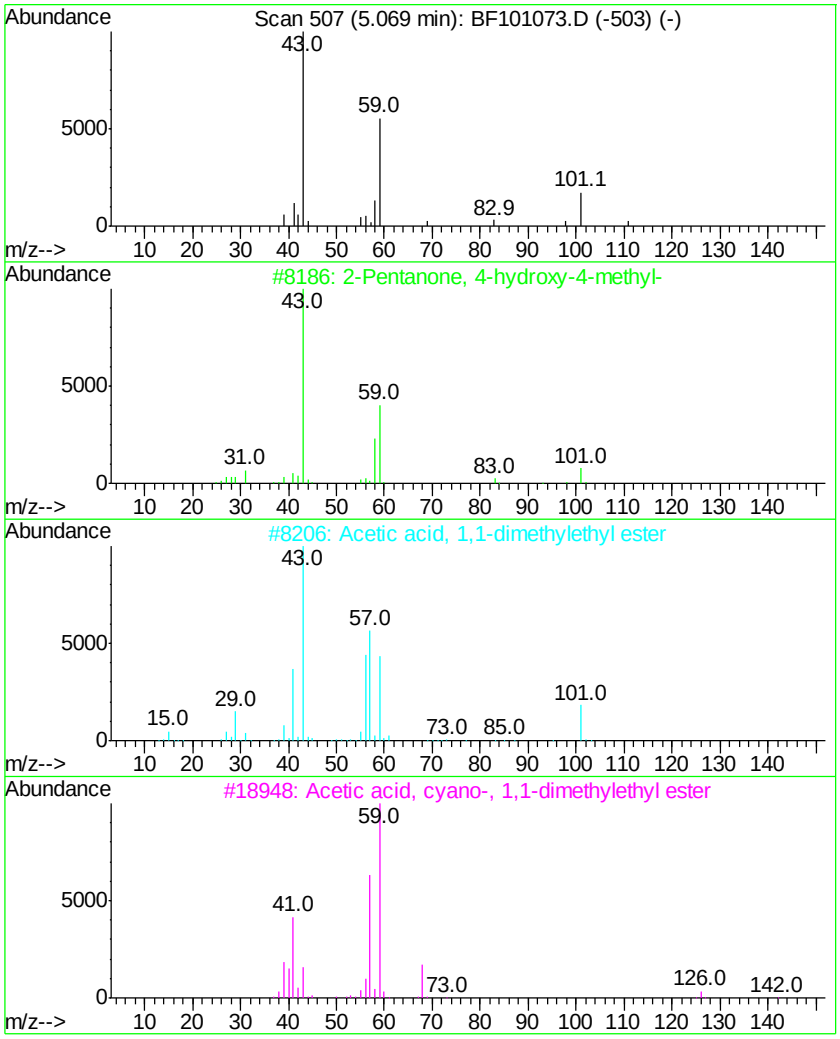
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

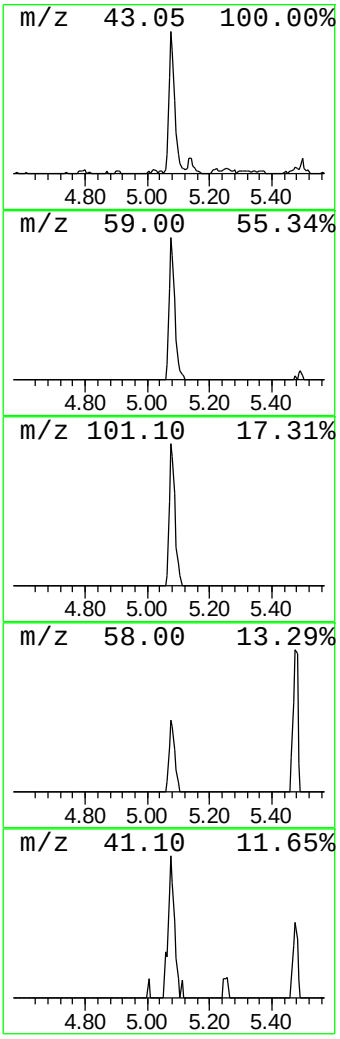
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.53 ng	72361	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
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Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

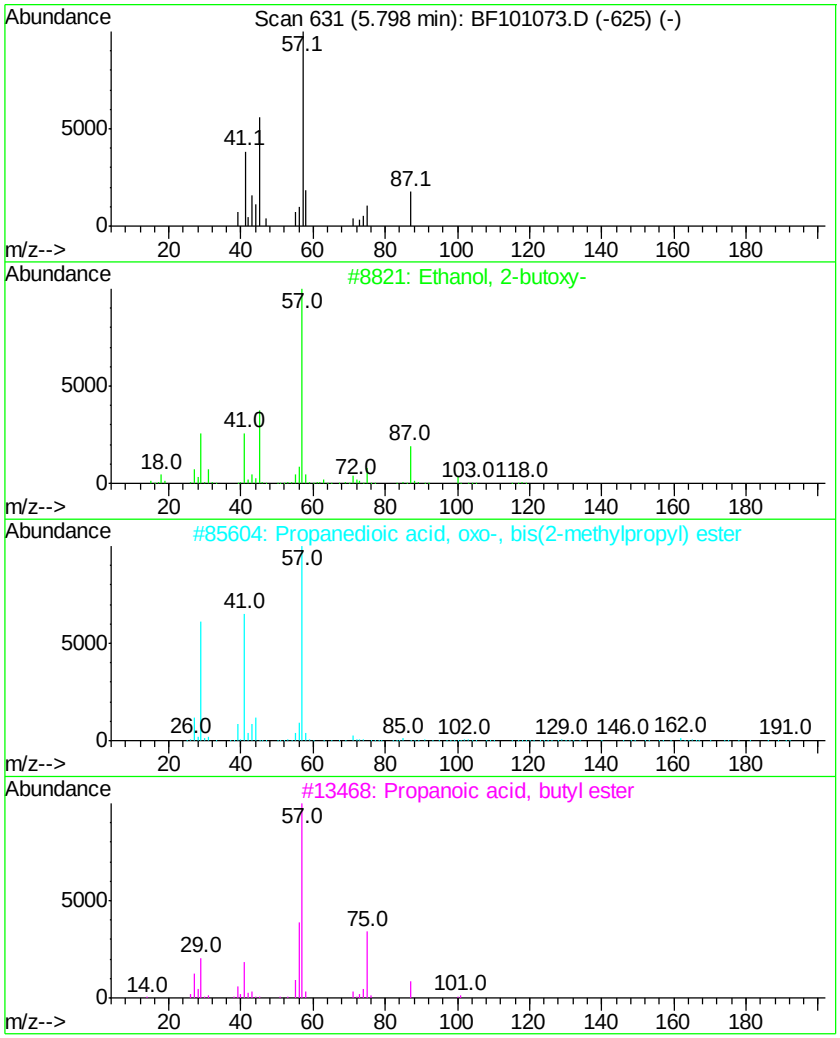
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

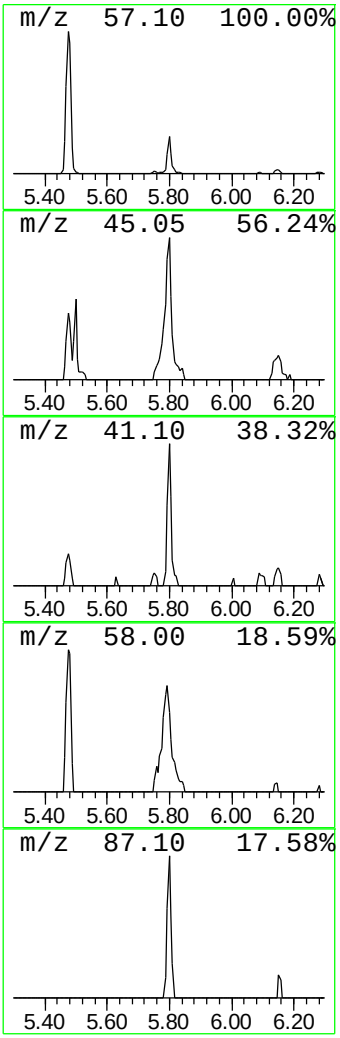
****

Peak Number 2 unknown5.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	4.53 ng	72337	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
2	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	12
3	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	10
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	9
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

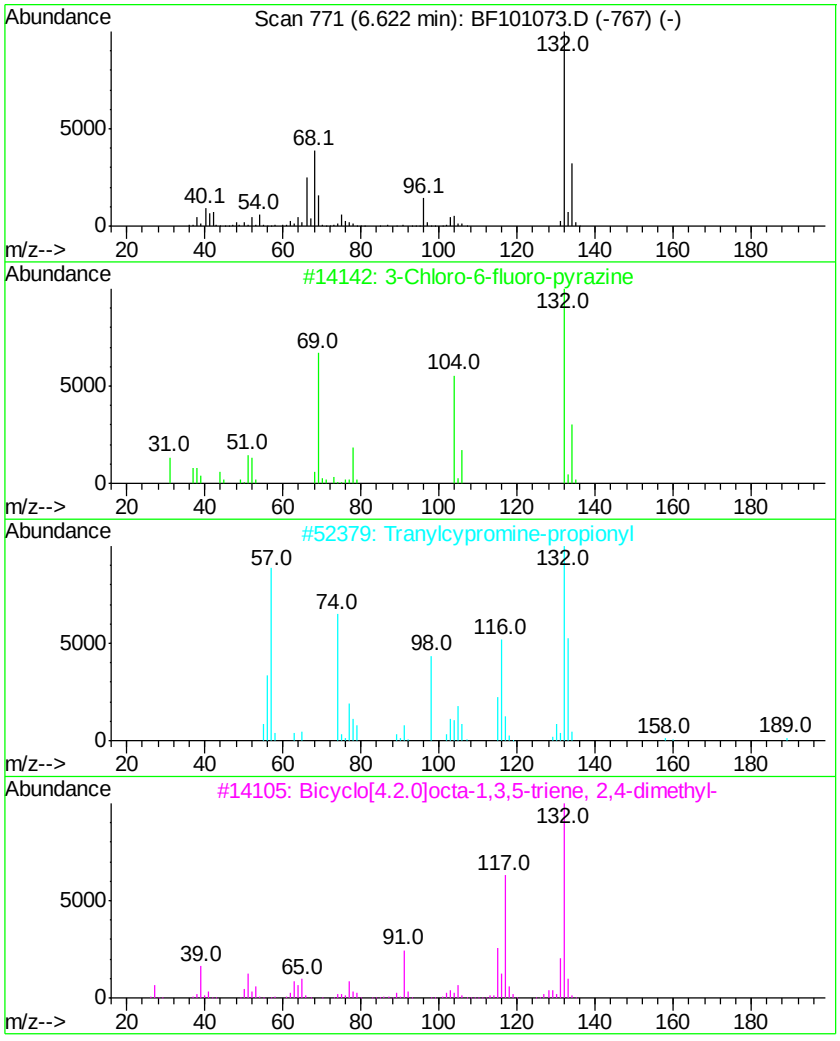
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

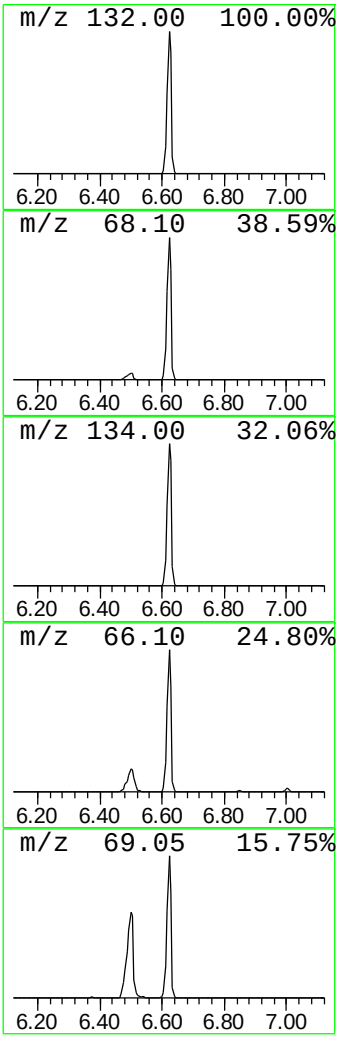
****

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	73.44 ng	1172000	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

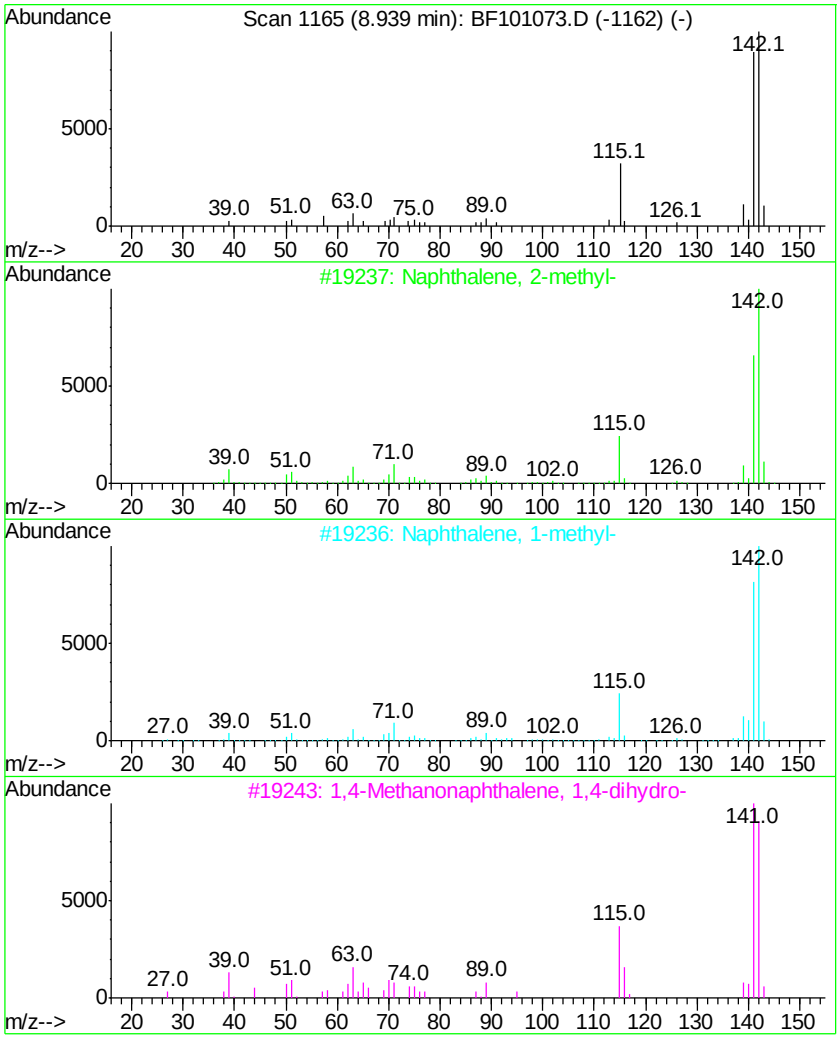
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

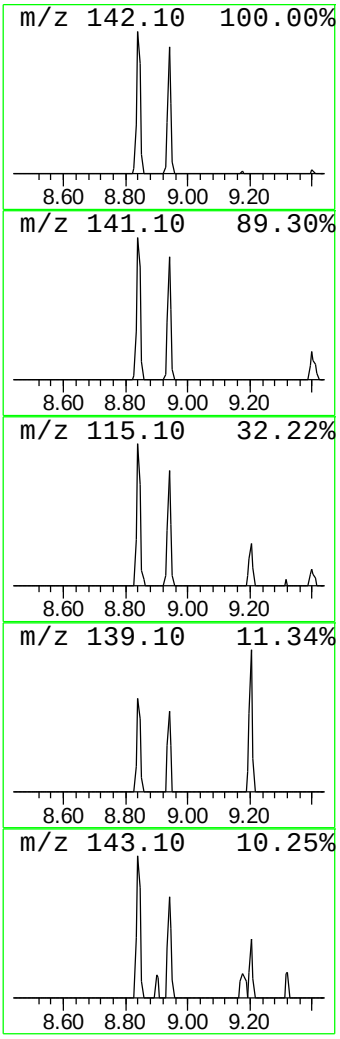
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.03 ng	41452	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	64
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

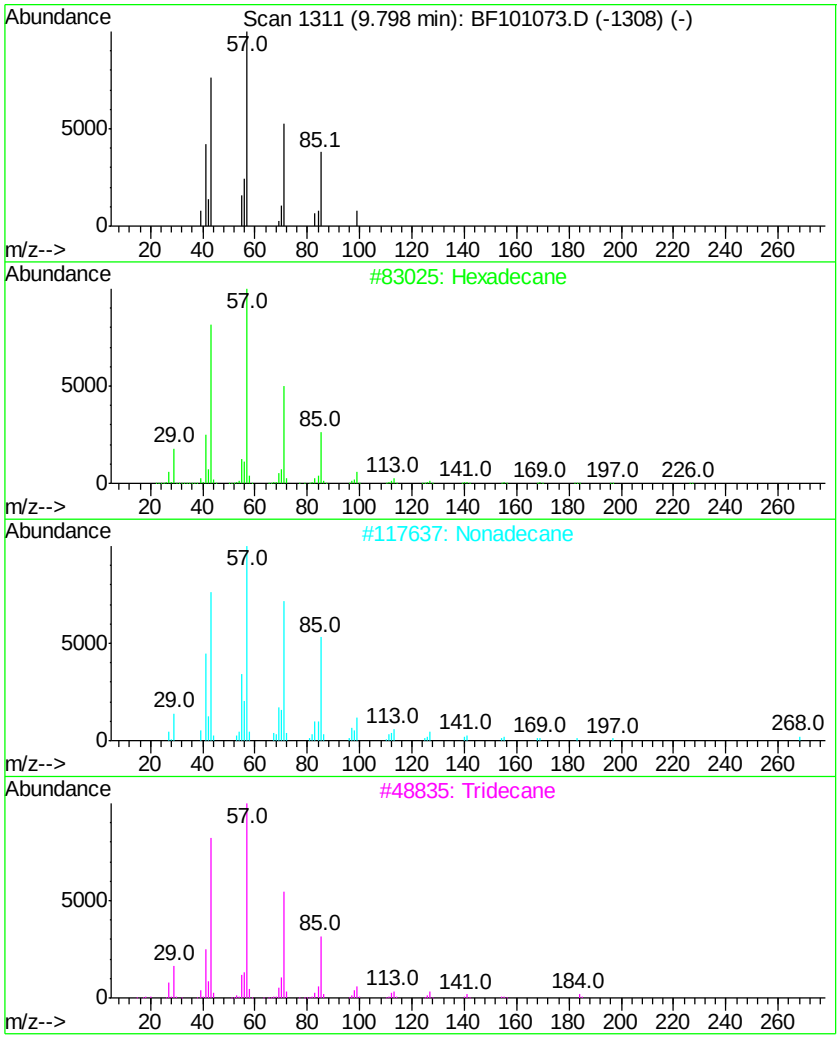
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

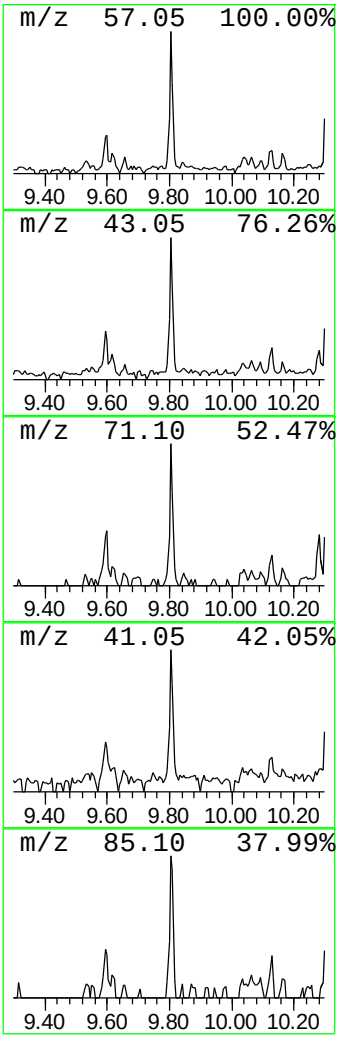
****

Peak Number 6 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.37 ng	46553	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
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Instrument : BNA_F
ClientSampleId : DBWW1A-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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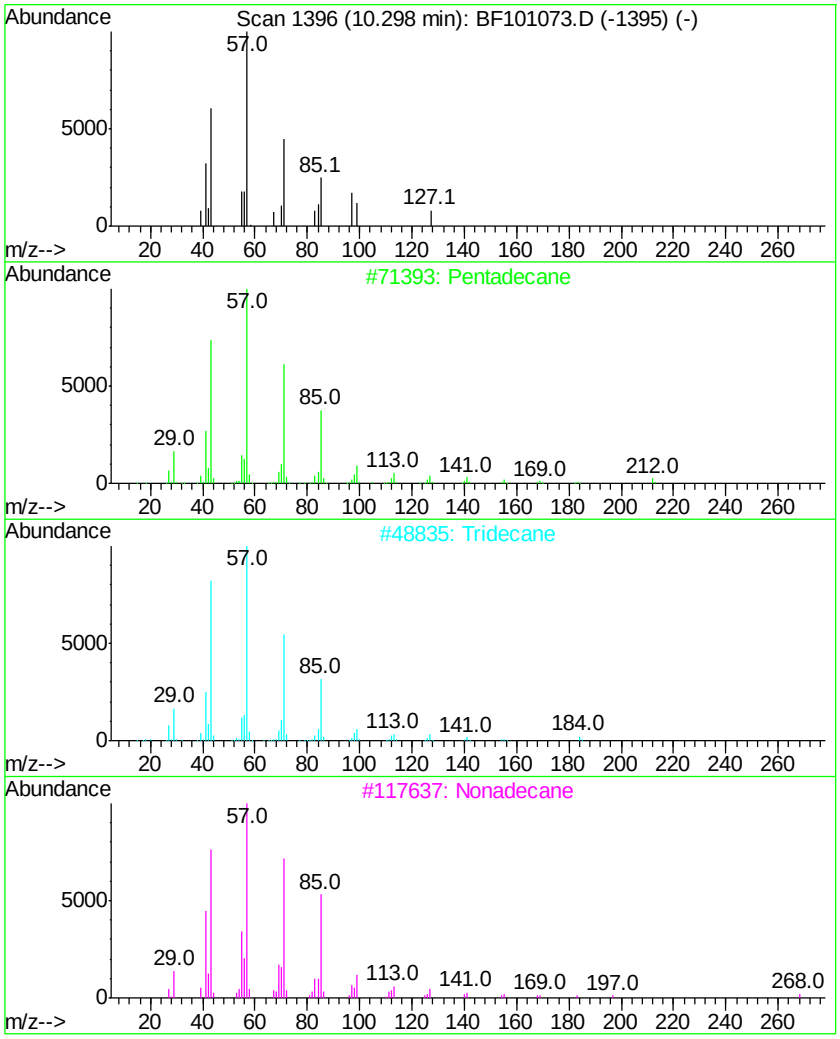
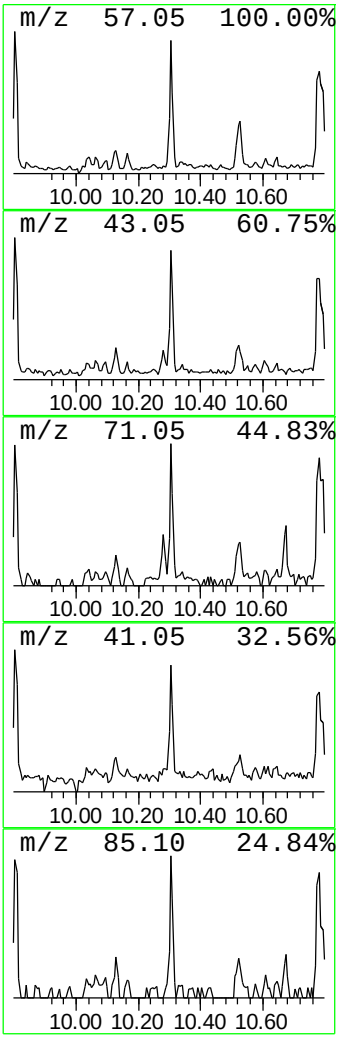
Peak Number 7 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.40 ng	47035	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Tritetracontane	605	C43H88	007098-21-7	78





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

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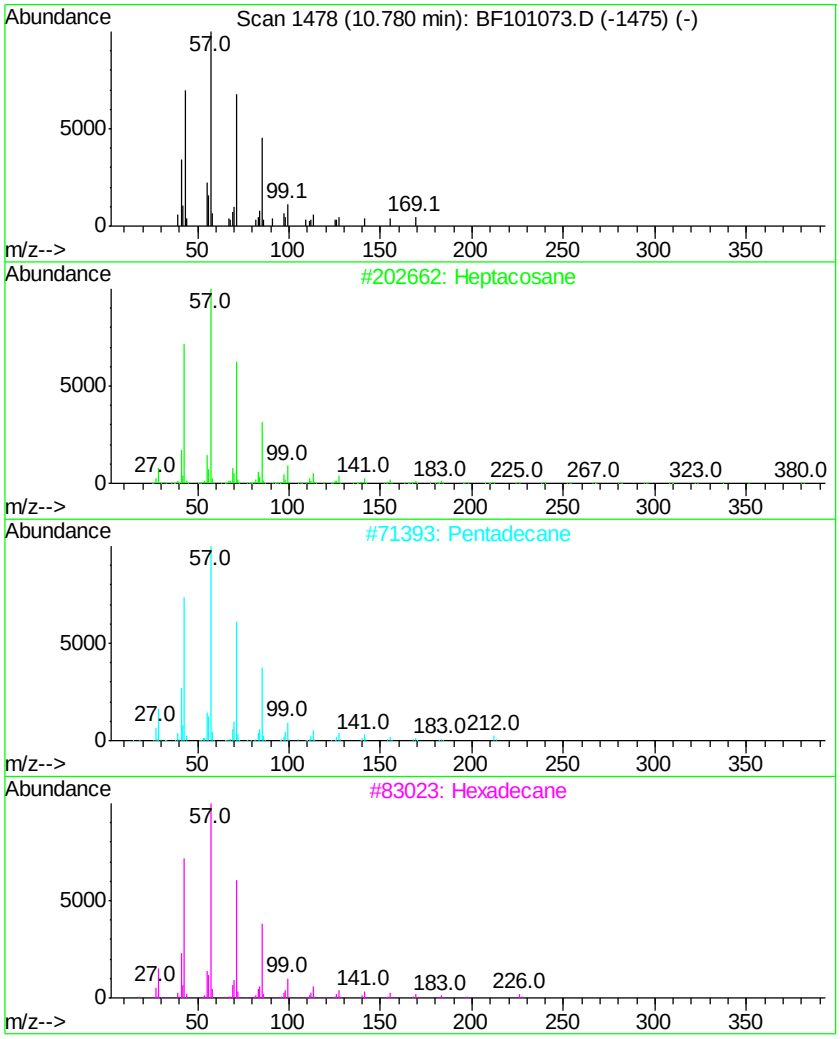
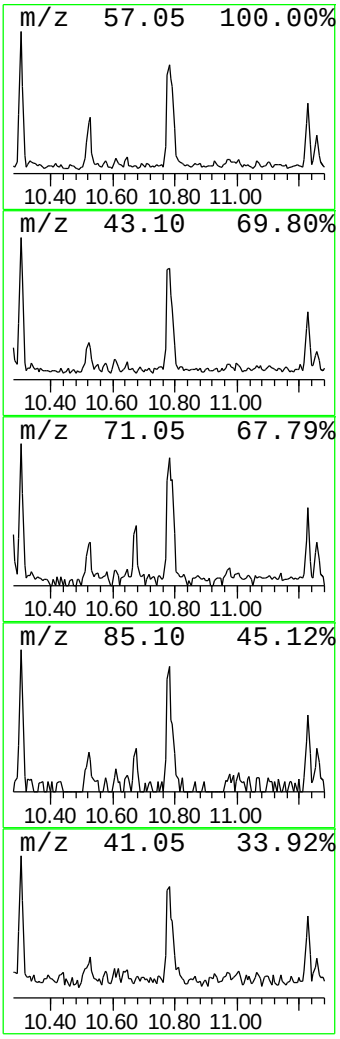
Peak Number 8 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.24 ng	78746	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Octacosane	394	C28H58	000630-02-4	90





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

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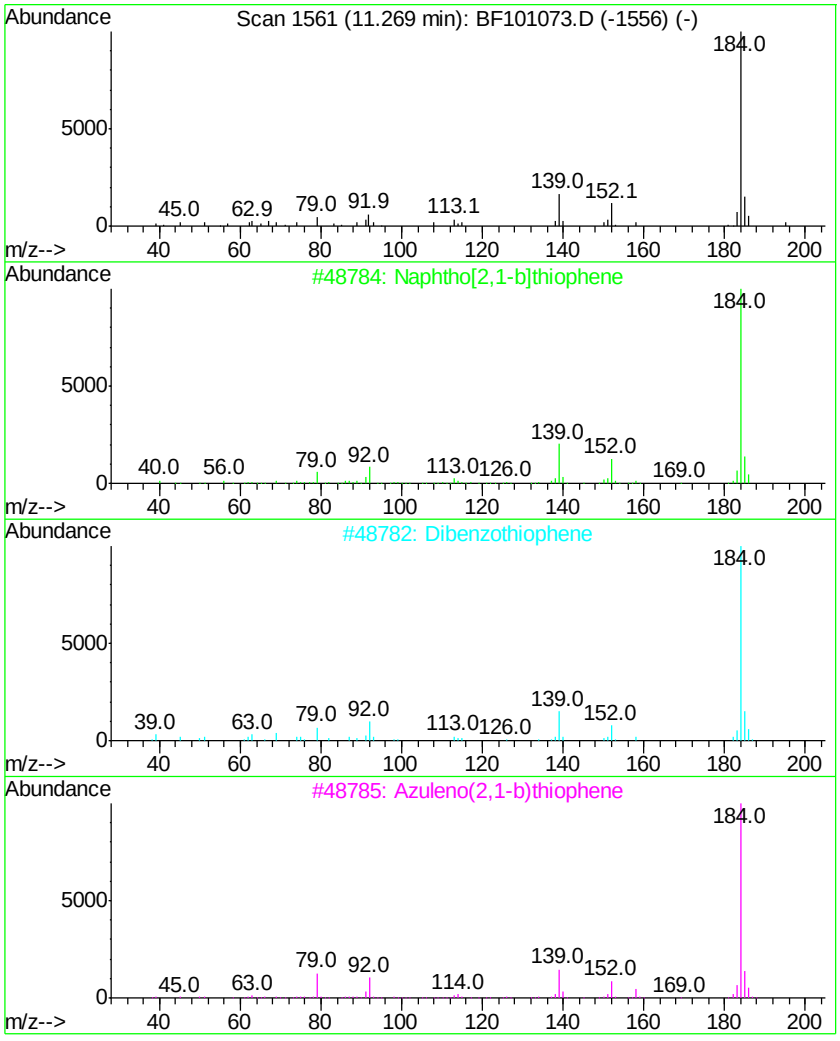
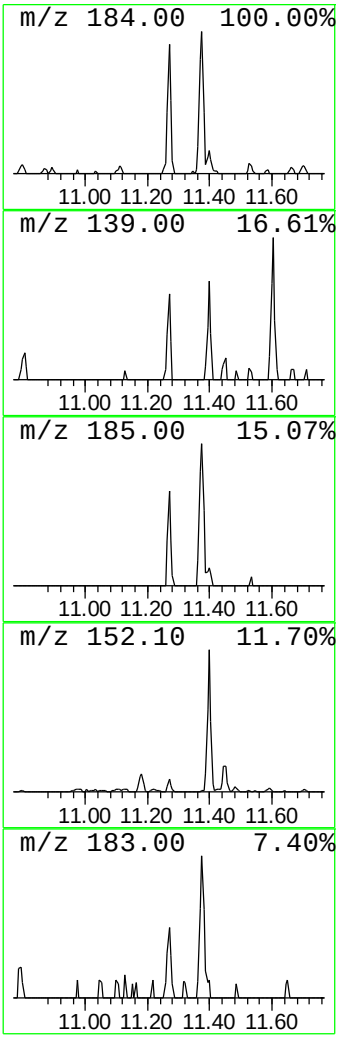
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.53 ng	46887	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	80





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ALS Vial : 19 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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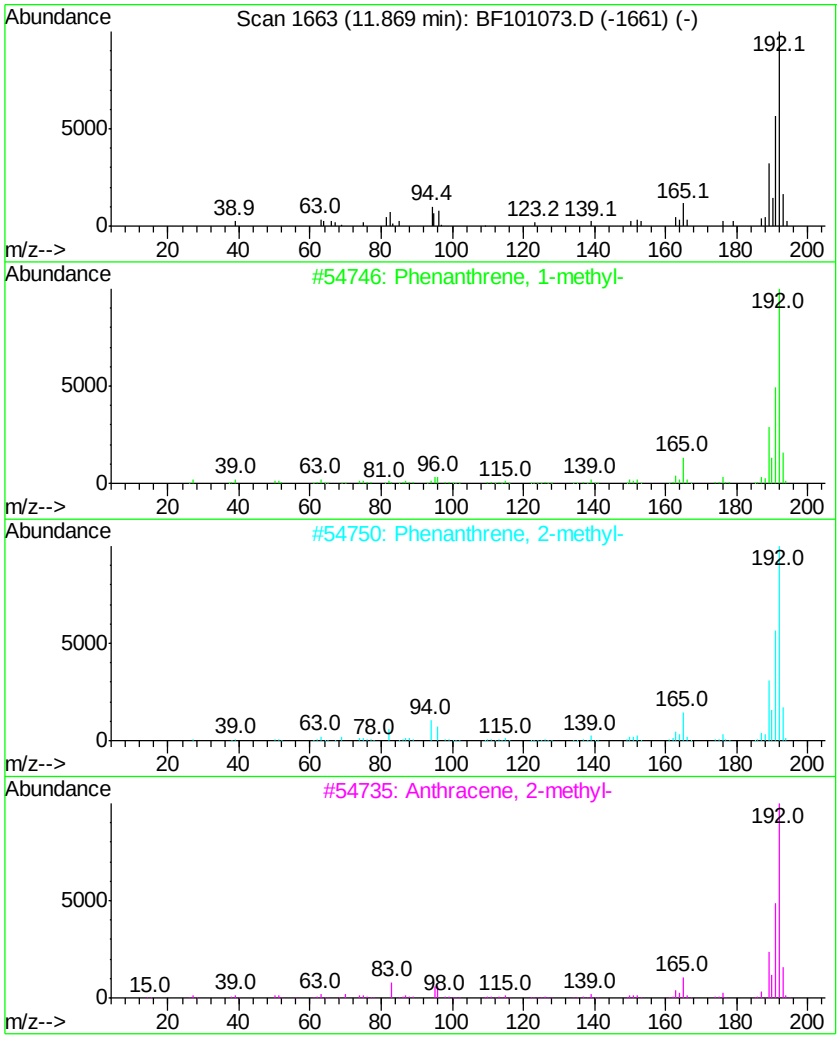
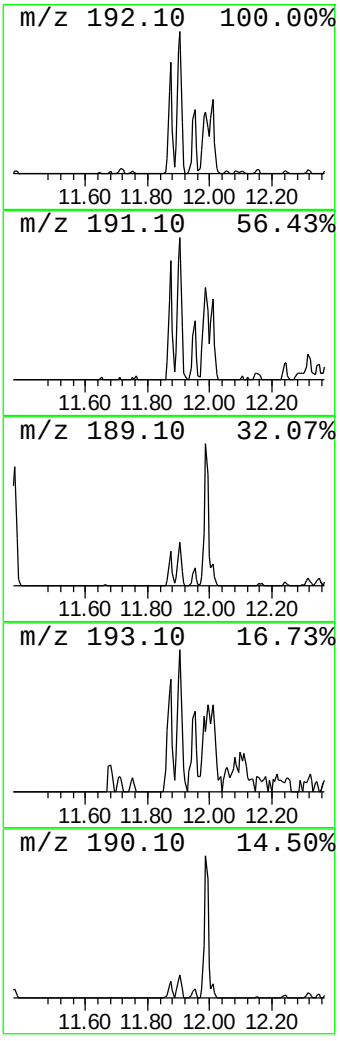
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.25 ng	60252	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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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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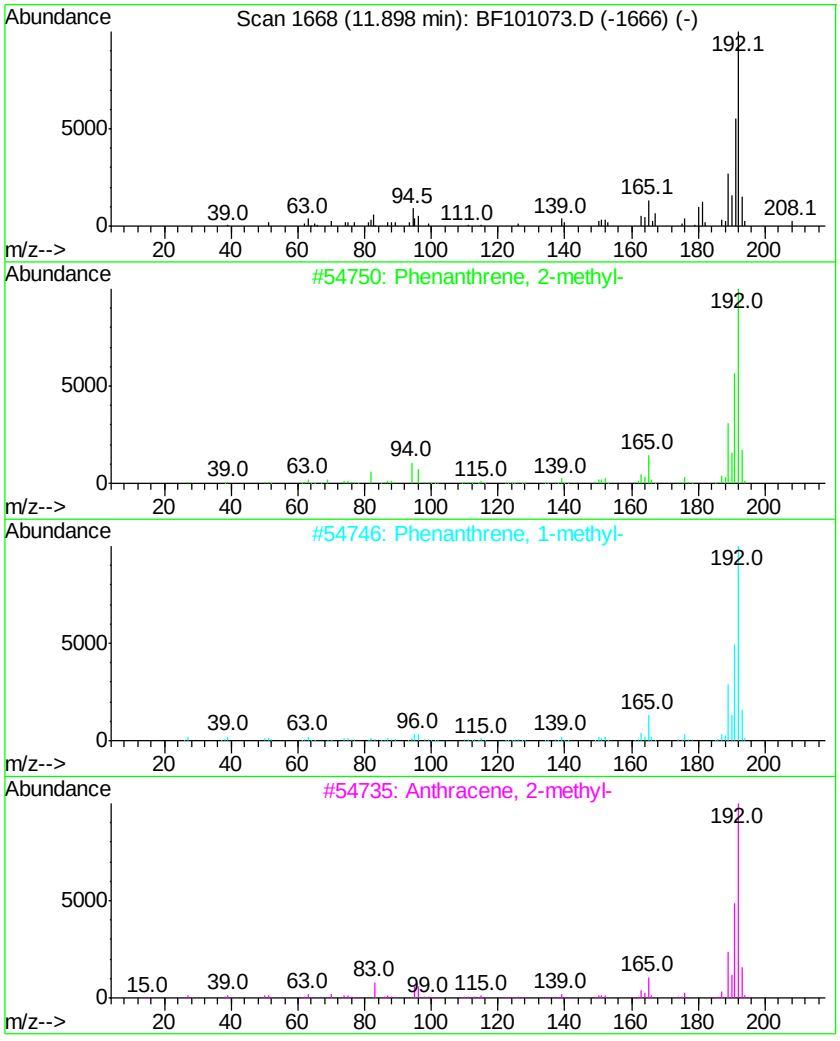
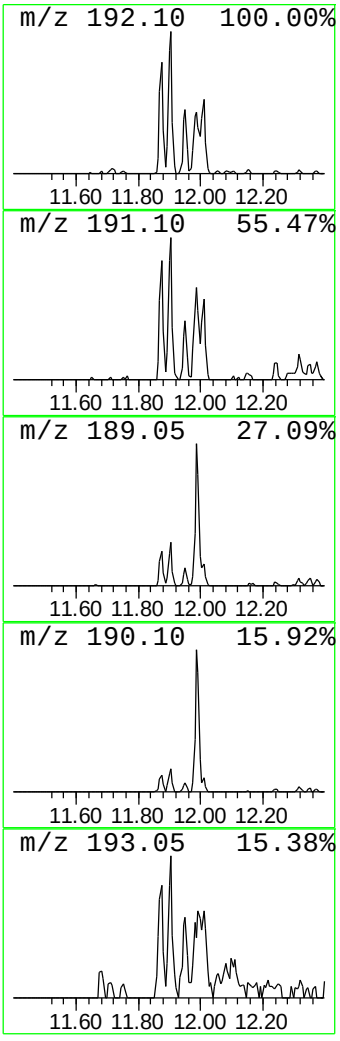
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.72 ng	87534	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-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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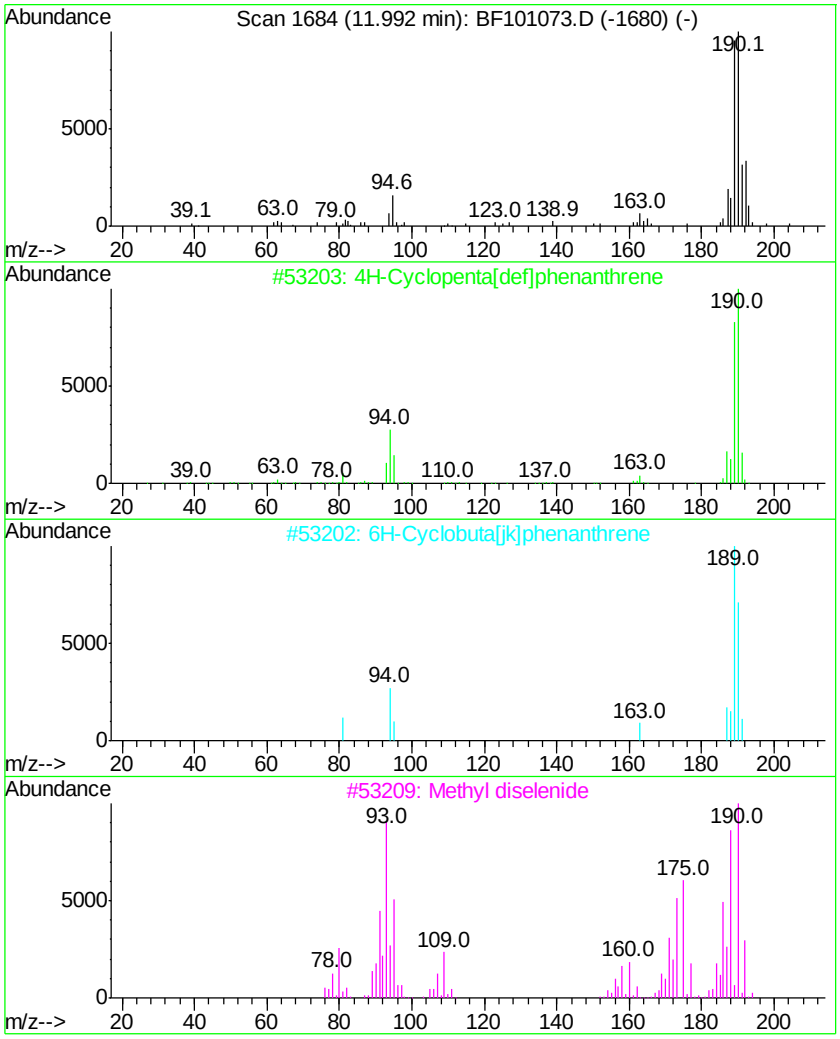
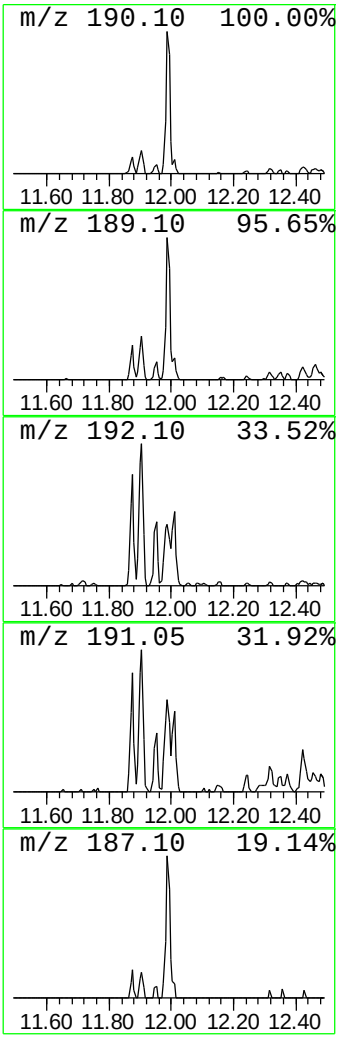
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.95 ng	110435	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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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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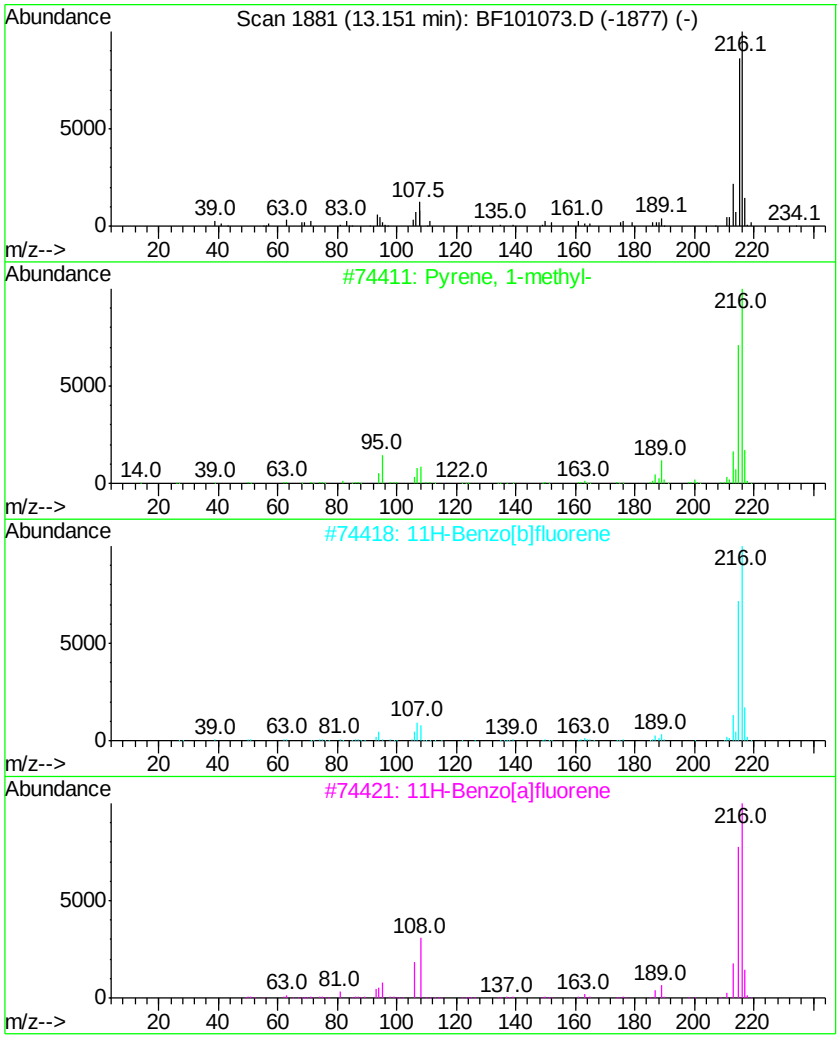
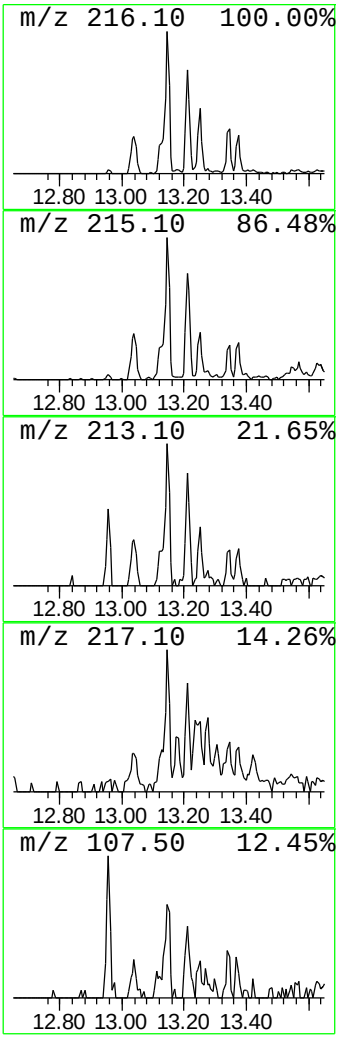
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.33 ng	100665	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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TIC Library : C:\DATABASE\NIST11.L
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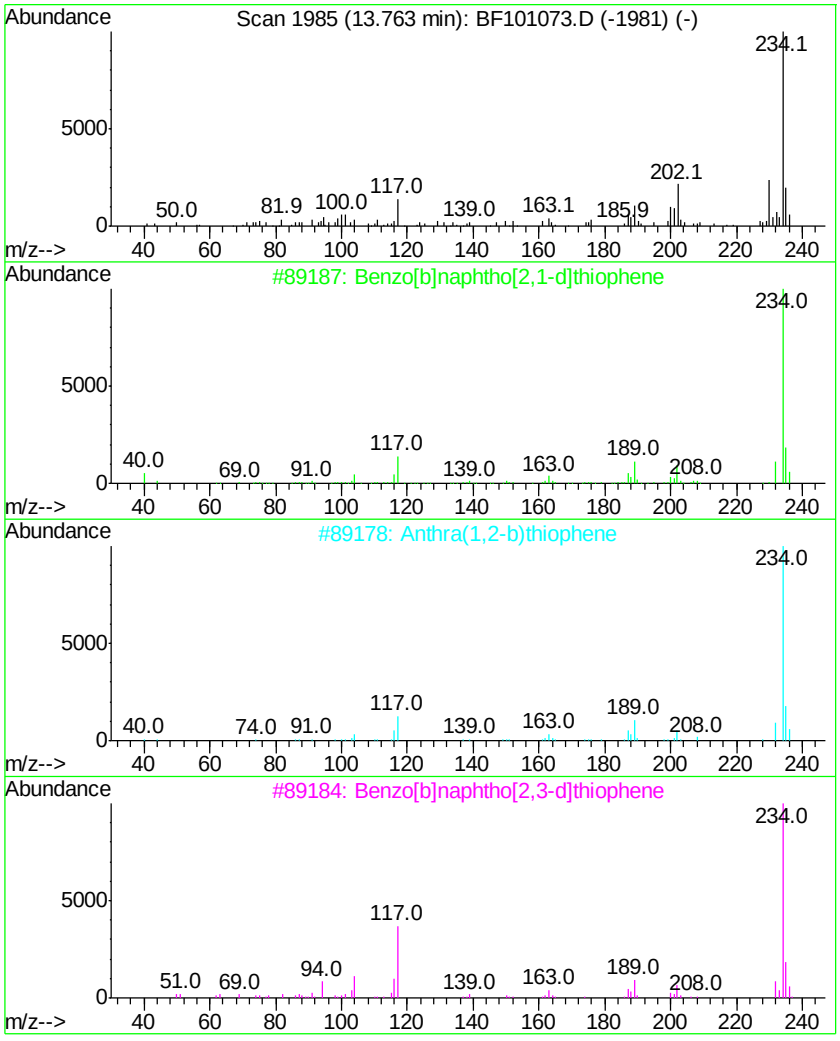
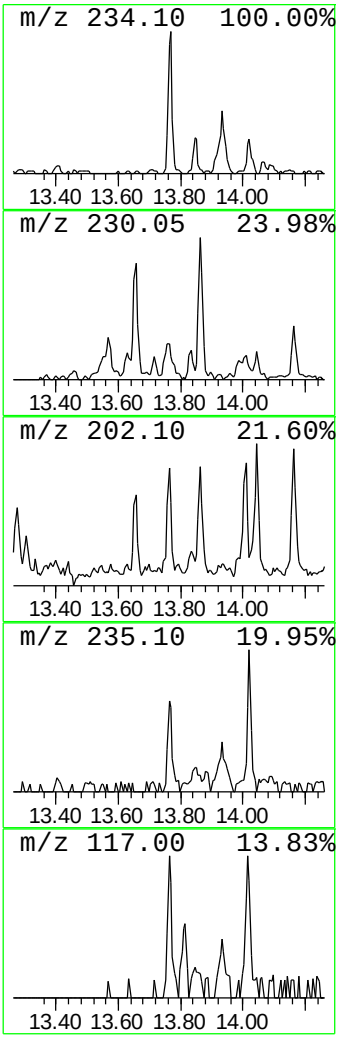
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.09 ng	90618	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	60
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58





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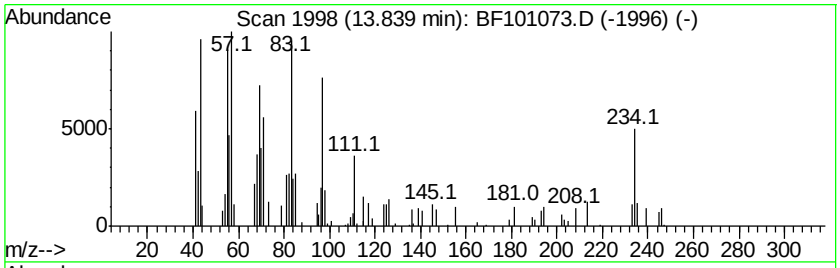
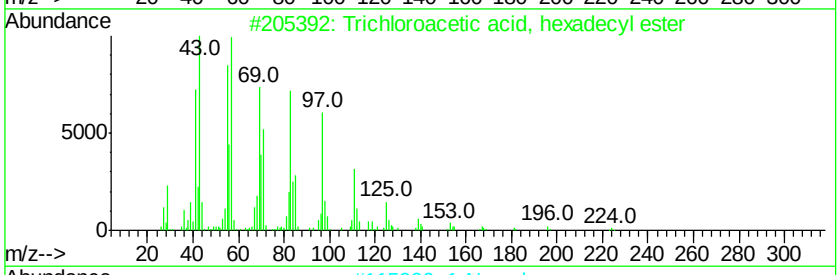
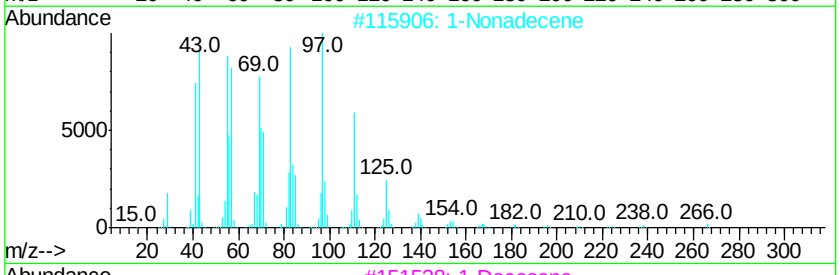
Peak Number 15 Trichloroacetic acid, hexad... Concentration Rank 19

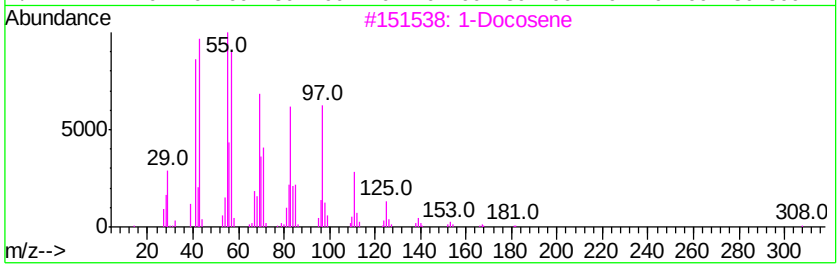
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.06 ng	89195	Chrysene-d12	14.02

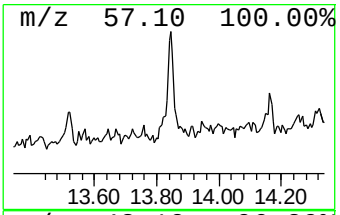
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
2	1-Nonadecene	266	C19H38	018435-45-5	64
3	1-Docosene	308	C22H44	001599-67-3	64
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	58
5	17-Pentatriacontene	491	C35H70	006971-40-0	52

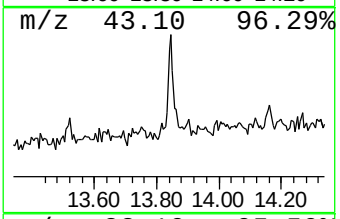


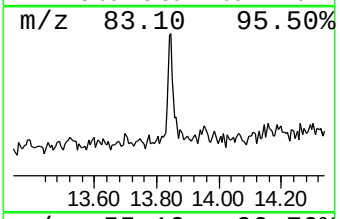


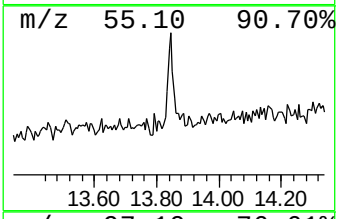


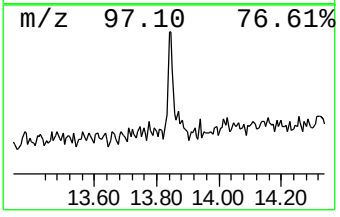












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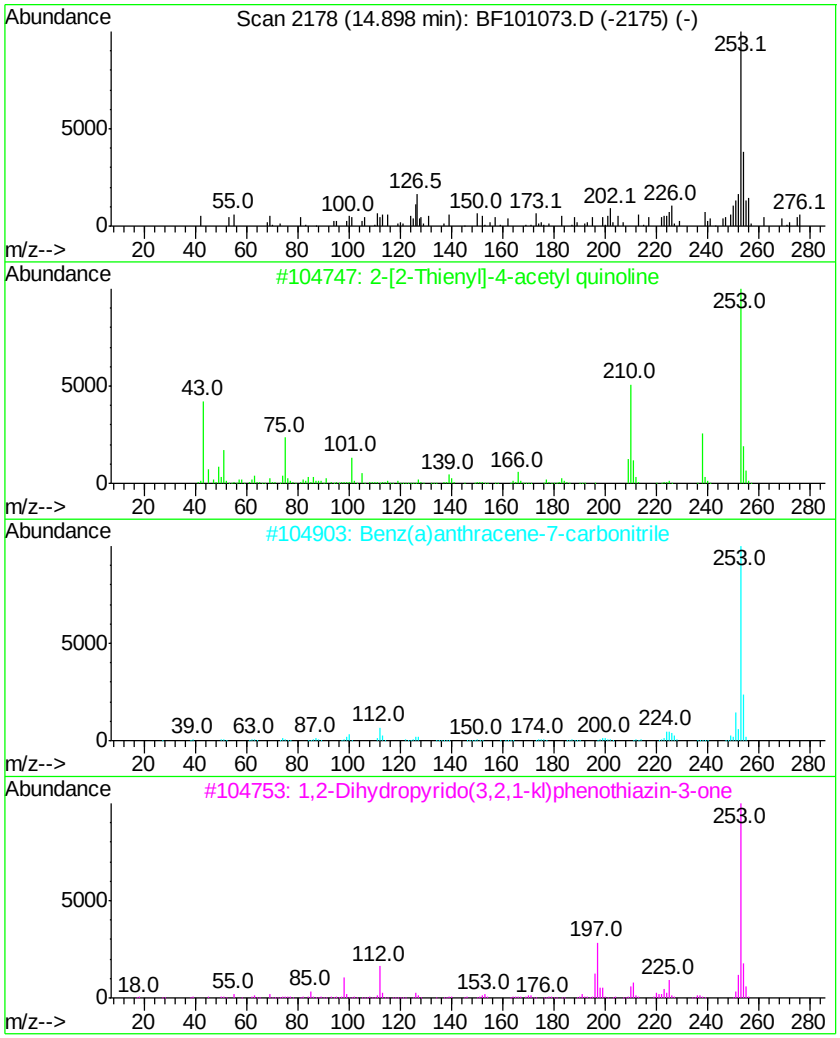
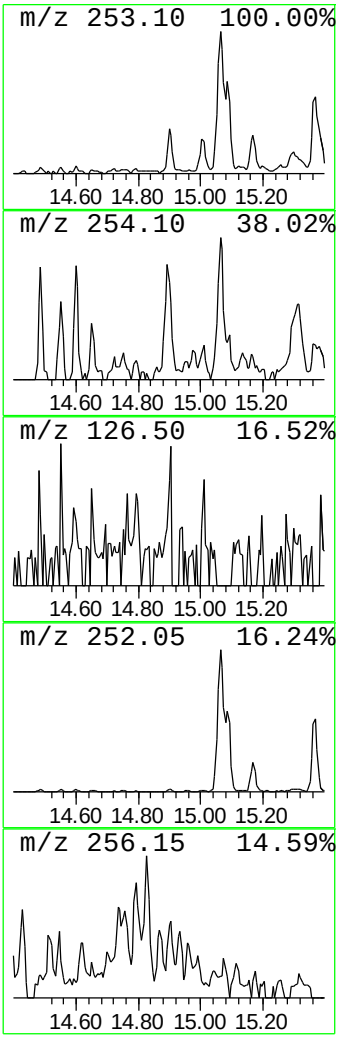
Peak Number 16 unknown14.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.47 ng	58137	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Thienyl]-4-acetyl quinoline	253	C15H11NOS	027302-83-6	47
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	40
3	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	38
4	Fumaric acid, 3-hexyl undecyl ester	354	C21H38O4	1000348-61-0	38
5	3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2NO4	1000376-11-2	37





Library Search Compound Report

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Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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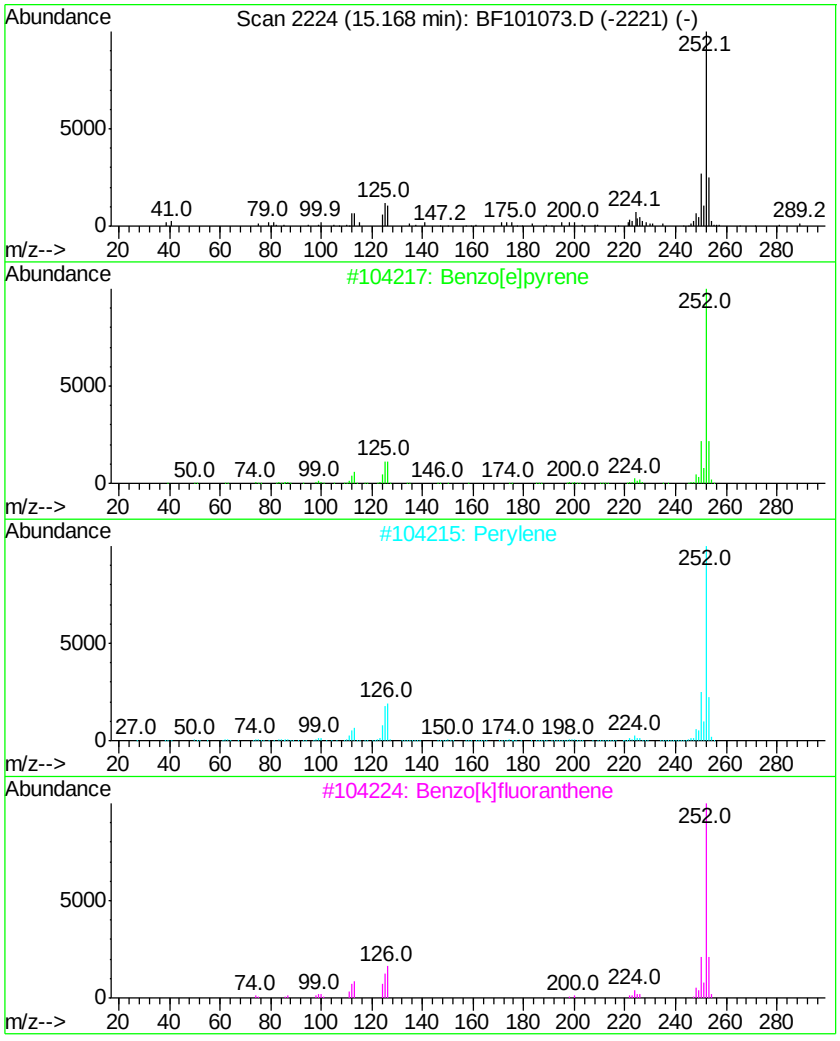
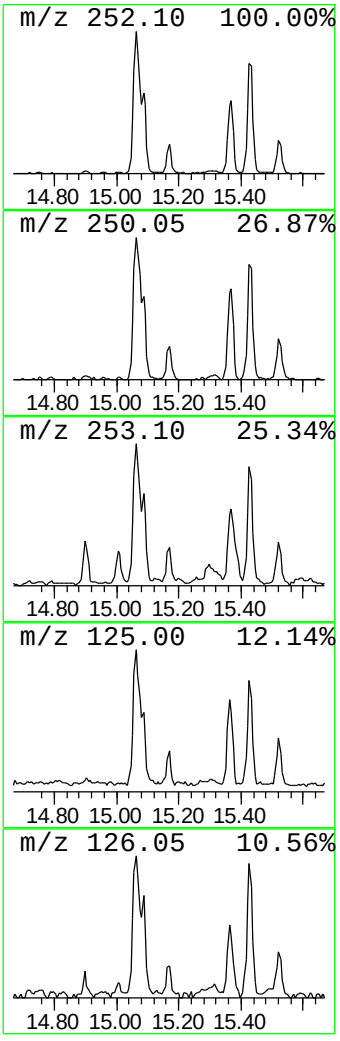
Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.10 ng	51887	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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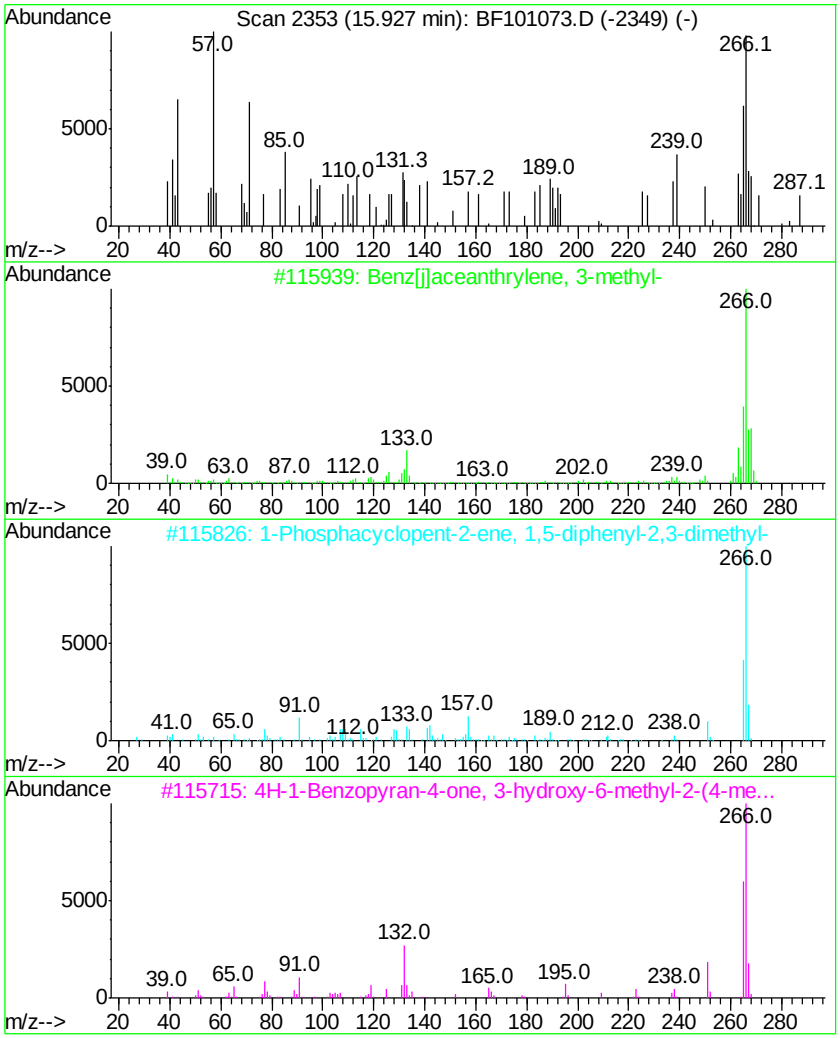
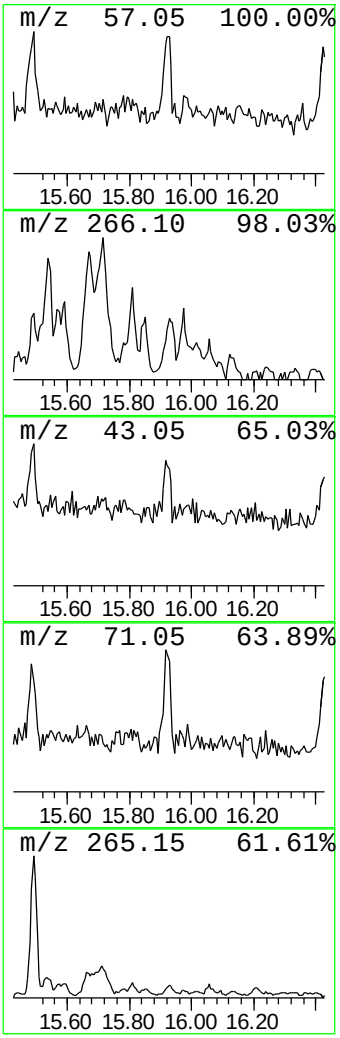
Peak Number 19 Benz[j]aceanthrylene, 3-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.26 ng	37859	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	52
2	1-Phosphacyclopent-2-ene, 1,5-di...	266	C18H19P	1000162-78-2	38
3	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	35
4	Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	35
5	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	35





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.07	4.5	ng	72361	1	6.85	319178	20.0
unknown5.80	5.80	4.5	ng	72337	1	6.85	319178	20.0
unknown6.62	6.62	73.4	ng	1172000	1	6.85	319178	20.0
Naphthalene, 1-me...	8.94	2.0	ng	41452	2	8.13	408570	20.0
Hexadecane	9.80	2.4	ng	46553	3	9.89	392304	20.0
Pentadecane	10.30	2.4	ng	47035	3	9.89	392304	20.0
Heptacosane	10.78	4.2	ng	78746	4	11.37	371139	20.0
Naphtho[2,1-b]thi...	11.27	2.5	ng	46887	4	11.37	371139	20.0
Phenanthrene, 1-m...	11.87	3.3	ng	60252	4	11.37	371139	20.0
Phenanthrene, 2-m...	11.90	4.7	ng	87534	4	11.37	371139	20.0
4H-Cyclopenta[def...	11.99	6.0	ng	110435	4	11.37	371139	20.0
Pyrene, 1-methyl-	13.15	2.3	ng	100665	5	14.02	865731	20.0
Benzo[b]naphtho[2...	13.76	2.1	ng	90618	5	14.02	865731	20.0
Trichloroacetic a...	13.84	2.1	ng	89195	5	14.02	865731	20.0
unknown14.90	14.90	3.5	ng	58137	6	15.49	334753	20.0
Benzo[e]pyrene	15.17	3.1	ng	51887	6	15.49	334753	20.0
Benz[j]aceanthryl...	15.93	2.3	ng	37859	6	15.49	334753	20.0