LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

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-BF020318.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	2.187	11	17	28	rVB	544995	764063	14.68%	1.258%
2	5.116	511	515	532	rVB	191249	291731	5.60%	0.480%
3	5.498	570	580	583	rBV	4475774	5073090	97.46%	8.354%
4	6.128	681	687	694	rBV6	36783	70123	1.35%	0.115%
5	6.510	743	752	757	rBV	4124562	5205091	100.00%	8.572%
6	6.563	757	761	767	rVV2	63372	71191	1.37%	0.117%
7	6.651	771	776	779	rVV	4832218	4891298	93.97%	8.055%
8	6.704	782	785	789	rBV2	267810	242321	4.66%	0.399%
9	6.881	811	815	819	rBV	1847343	1491987	28.66%	2.457%
10	6.934	821	824	827	rVB	73730	64790	1.24%	0.107%
11	7.039	837	842	845	rBV	3687066	3472190	66.71%	5.718%
12	7.198	864	869	877	rBV2	116942	143142	2.75%	0.236%
13	7.275	877	882	885	rBV3	77082	81234	1.56%	0.134%
14	7.445	900	911	914	rBV	3318120	3427343	65.85%	5.644%
15	7.516	919	923	928	rVB4	41165	66643	1.28%	0.110%
16	7.675	948	950	957	rVB2	58638	63576	1.22%	0.105%
17	7.898	986	988	991	rVB2	83657	68706	1.32%	0.113%
18	8.163	1027	1033	1035	rBV	2405811	2092012	40.19%	3.445%
19	8.181	1035	1036	1039	rVV	350053	255792	4.91%	0.421%
20	8.216	1039	1042	1045	rVB2	65001	63727	1.22%	0.105%
21	8.580	1100	1104	1106	rBV	90259	80421	1.55%	0.132%
22	8.716	1123	1127	1130	rBV	177370	137753	2.65%	0.227%
23	8.745	1130	1132	1136	rVB	128529	106672	2.05%	0.176%
24	8.875	1151	1154	1157	rVB	300967	231747	4.45%	0.382%
25	8.975	1167	1171	1174	rBV	202509	169200	3.25%	0.279%
26	9.239	1211	1216	1219	rBV	4440184	4020105	77.23%	6.620%
27	9.316	1225	1229	1231	rBV	164390	154726	2.97%	0.255%
28	9.504	1256	1261	1266	rVB2	106924	147874	2.84%	0.244%
29	9.575	1270	1273	1275	rBV	159531	147793	2.84%	0.243%
30	9.598	1275	1277	1279	rVV	117023	86747	1.67%	0.143%
31	9.627	1279	1282	1285	rVV	753961	580600	11.15%	0.956%
32	9.692	1290	1293	1295	rBV	104731	85484	1.64%	0.141%
33	9.775	1302	1307	1311	rBV2	62599	71248	1.37%	0.117%
34	9.845	1316	1319	1321	rVV	203968	169224	3.25%	0.279%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.922	1321	1332	1335	rVV	2076818	2119554	40.72%	3.490%
36	9.951	1335	1337	1340	rVB	299731	226809	4.36%	0.373%
37	10.022	1345	1349	1352	rVB	50912	63543	1.22%	0.105%
38	10.075	1352	1358	1360	rBV5	38244	67526	1.30%	0.111%
39	10.122	1360	1366	1369	rVV2	206326	255739	4.91%	0.421%
40	10.157	1369	1372	1377	rVB3	92722	103123	1.98%	0.170%
41	10.233	1382	1385	1387	rBV	82695	72543	1.39%	0.119%
42	10.263	1387	1390	1392	rVV	75310	70713	1.36%	0.116%
43	10.322	1396	1400	1402	rBV2	95301	127372	2.45%	0.210%
44	10.345	1402	1404	1407	rVB	253183	190138	3.65%	0.313%
45	10.463	1420	1424	1430	rVB2	233513	253738	4.87%	0.418%
46	10.563	1437	1441	1446	rVB3	64238	112979	2.17%	0.186%
47	10.627	1448	1452	1459	rVB2	350684	361328	6.94%	0.595%
48	10.710	1459	1466	1469	rBV	2499855	2629904	50.53%	4.331%
49	10.827	1481	1486	1490	rBV2	260932	386333	7.42%	0.636%
50	11.010	1512	1517	1519	rBV3	73592	100323	1.93%	0.165%
51	11.139	1535	1539	1541	rBV4	74567	88913	1.71%	0.146%
52	11.210	1547	1551	1554	rBV2	92933	96040	1.85%	0.158%
53	11.263	1554	1560	1563	rVV2	221531	260239	5.00%	0.429%
54	11.298	1563	1566	1571	rVB2	141950	164159	3.15%	0.270%
55	11.404	1580	1584	1586	rBV	1790353	1640817	31.52%	2.702%
56	11.427	1586	1588	1591	rVV	1381975	1066386	20.49%	1.756%
57	11.480	1594	1597	1599	rVB	320639	253742	4.87%	0.418%
58	11.510	1599	1602	1605	rBV2	86514	95012	1.83%	0.156%
59	11.633	1617	1623	1628	rBV2	142577	204744	3.93%	0.337%
60	11.692	1630	1633	1636	rVB2	159459	137941	2.65%	0.227%
61	11.904	1666	1669	1670	rBV	181197	143177	2.75%	0.236%
62	11.927	1670	1673	1677	rVV2	1215922	1189813	22.86%	1.959%
63	11.980	1680	1682	1684	rVV	106481	104826	2.01%	0.173%
64	12.016	1685	1688	1690	rVV2	282027	310991	5.97%	0.512%
65	12.039	1690	1692	1696	rVB	151953	118341	2.27%	0.195%
66	12.098	1699	1702	1706	rVB	142108	135147	2.60%	0.223%
67	12.198	1716	1719	1721	rBV	120689	106523	2.05%	0.175%
68	12.221	1721	1723	1727	rVB2	81927	84999	1.63%	0.140%
69	12.380	1747	1750	1752	rBV	88184	65570	1.26%	0.108%
70	12.451	1759	1762	1765	rBV	172576	169815	3.26%	0.280%
71	12.486	1765	1768	1771	rBV2	194941	176871	3.40%	0.291%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.539	1774	1777	1782	rVB4	92783	119919	2.30%	0.197%
73	12.616	1786	1790	1795	rBV	1289739	1195511	22.97%	1.969%
74	12.710	1803	1806	1810	rBV	435556	403350	7.75%	0.664%
75	12.804	1819	1822	1824	rBV2	83681	72373	1.39%	0.119%
76	12.845	1824	1829	1834	rBV	953467	1160864	22.30%	1.912%
77	12.963	1846	1849	1850	rBV2	72410	69830	1.34%	0.115%
78	12.992	1850	1854	1860	rVB	2539669	2635868	50.64%	4.341%
79	13.063	1862	1866	1870	rBV3	98055	156404	3.00%	0.258%
80	13.174	1882	1885	1888	rVB	196830	172347	3.31%	0.284%
81	13.210	1889	1891	1894	rVV2	76877	78816	1.51%	0.130%
82	13.239	1894	1896	1898	rVV	143795	103453	1.99%	0.170%
83	13.274	1900	1902	1905	rVB2	113029	94578	1.82%	0.156%
84	13.398	1921	1923	1927	rBV2	74841	74840	1.44%	0.123%
85	13.463	1932	1934	1940	rVB3	78367	85653	1.65%	0.141%
86	13.574	1952	1953	1960	rVB3	115153	128389	2.47%	0.211%
87	13.674	1968	1970	1976	rVB	89989	102646	1.97%	0.169%
88	13.792	1988	1990	1993	rVB	99323	77349	1.49%	0.127%
89	13.874	2001	2004	2014	rVB2	743472	799447	15.36%	1.316%
90	14.045	2028	2033	2035	rBV2	1304806	1669618	32.08%	2.749%
91	14.068	2035	2037	2044	rVB	550757	468079	8.99%	0.771%
92	14.145	2048	2050	2054	rVB	97967	82357	1.58%	0.136%
93	14.510	2109	2112	2116	rVV4	97615	138536	2.66%	0.228%
94	15.086	2206	2210	2213	rBV	402343	627601	12.06%	1.034%
95	15.392	2259	2262	2268	rVB	248680	322607	6.20%	0.531%
96	15.457	2269	2273	2279	rVB	339008	411340	7.90%	0.677%
97	15.521	2279	2284	2288	rBV2	770714	1075434	20.66%	1.771%
98	16.039	2369	2372	2377	rVB3	81688	126684	2.43%	0.209%
99	17.003	2532	2536	2544	rVB2	133280	268713	5.16%	0.443%
100	17.456	2608	2613	2620	rVB	86208	157413	3.02%	0.259%

Sum of corrected areas: 60725394

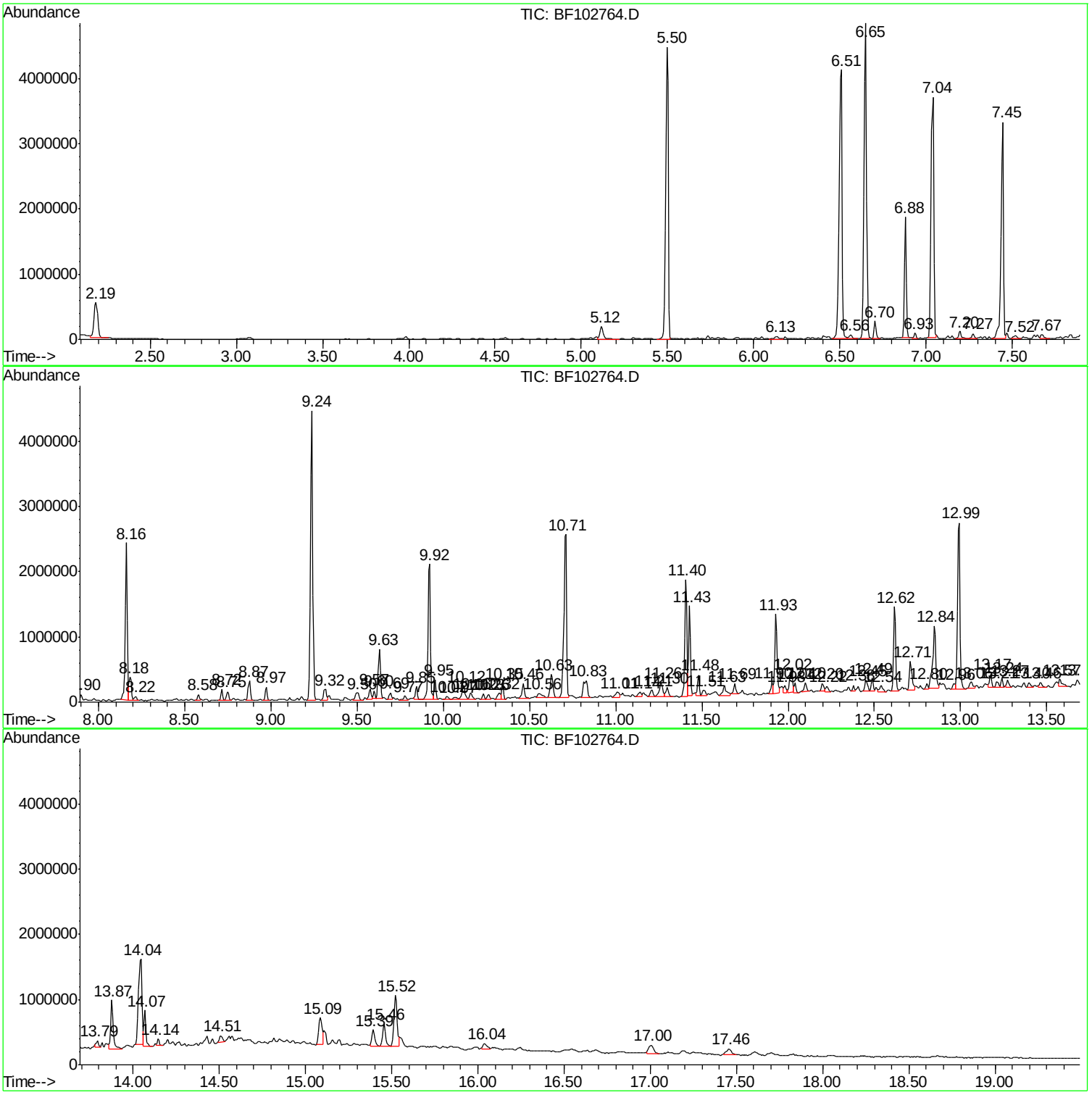
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

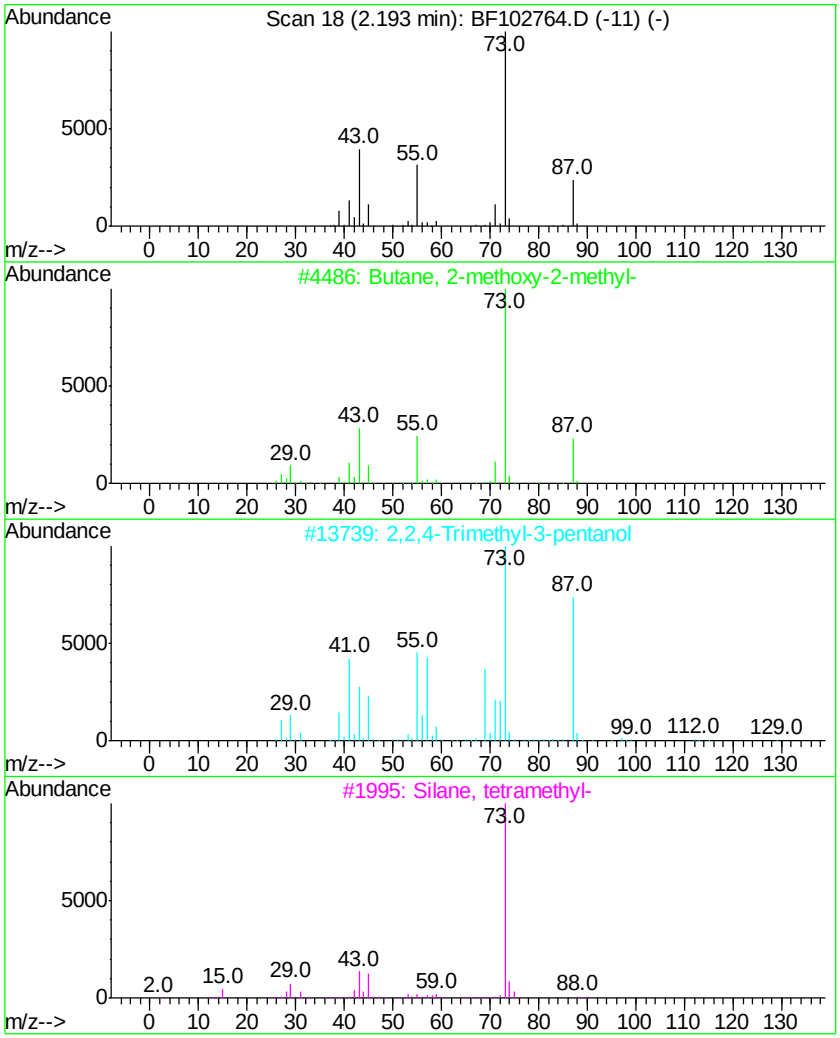
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

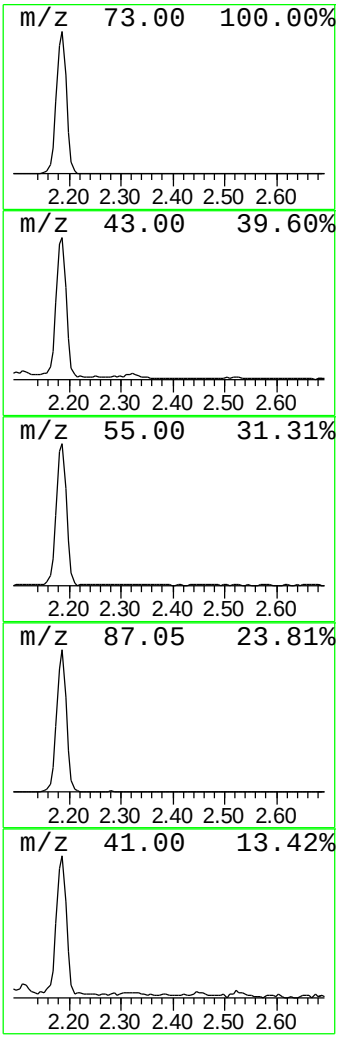
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	10.24 ng	764063	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

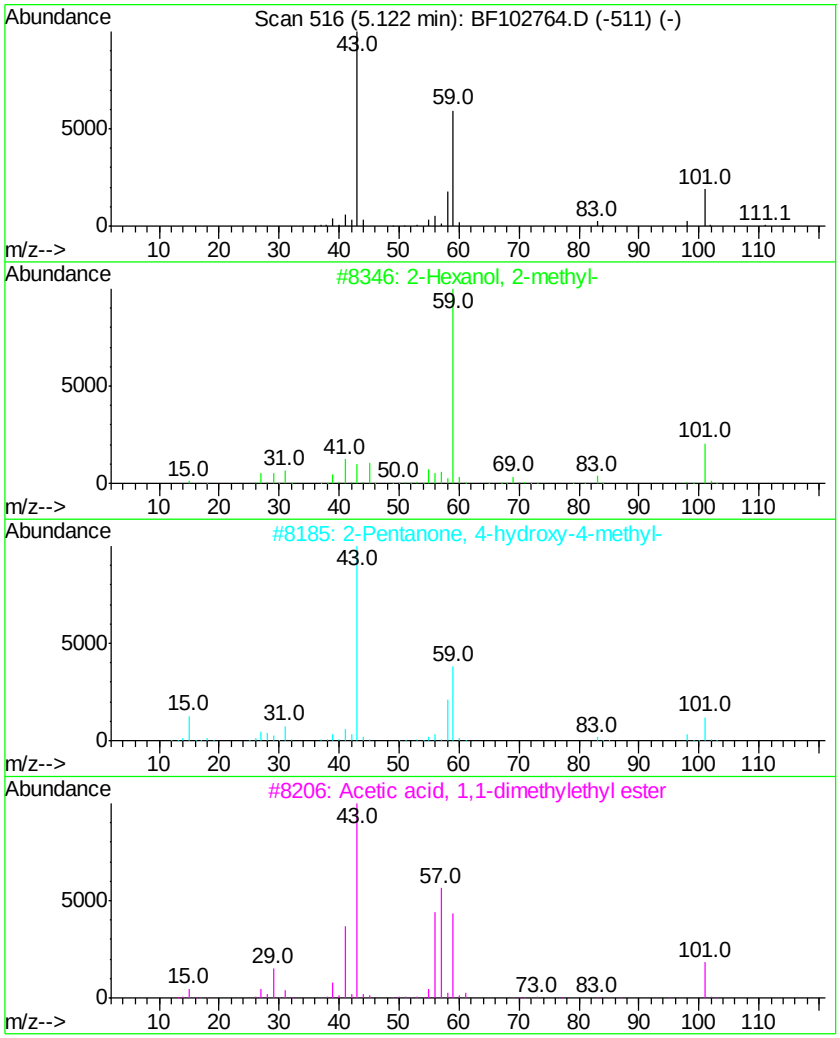
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

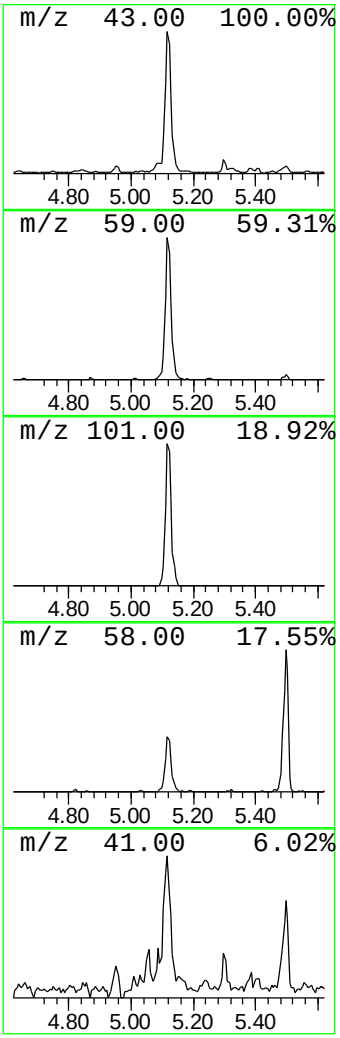
****

Peak Number 2 unknown5.12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.91 ng	291731	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
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Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

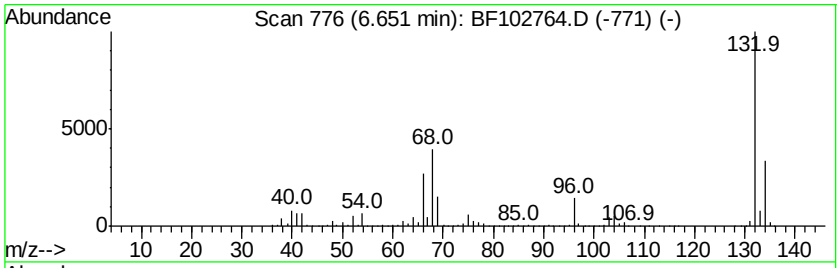
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

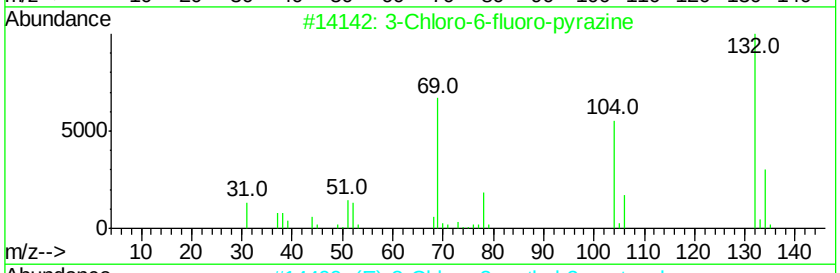
****

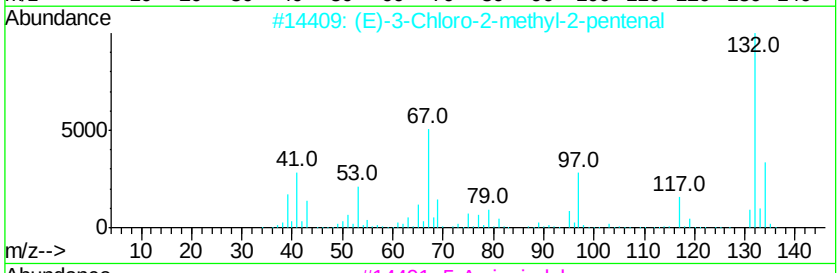
Peak Number 3 unknown6.65 Concentration Rank 1

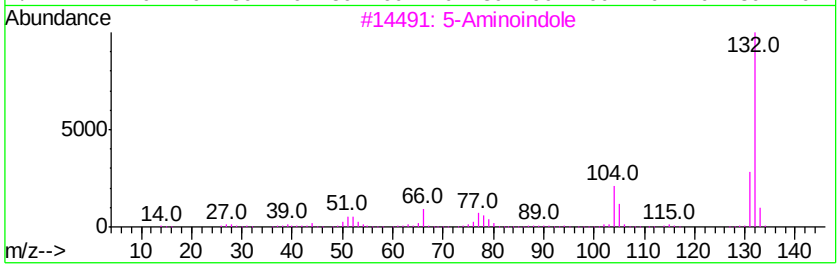
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	65.57 ng	4891300	1,4-Dichlorobenzene-d4	6.88

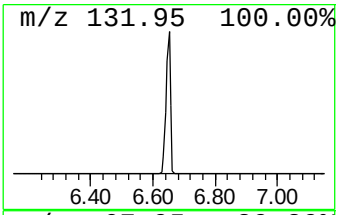
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9

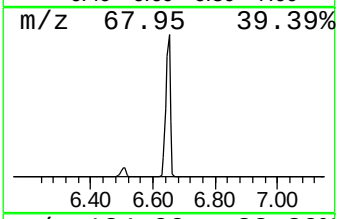


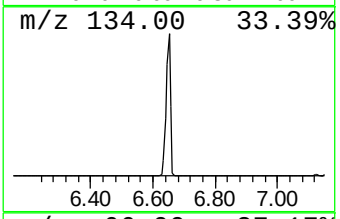


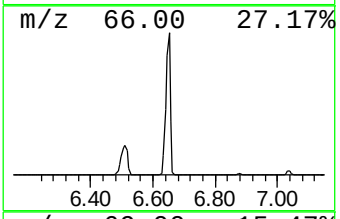


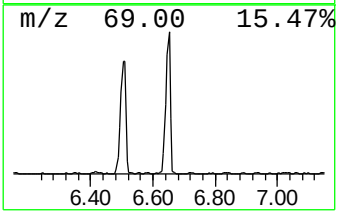












Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

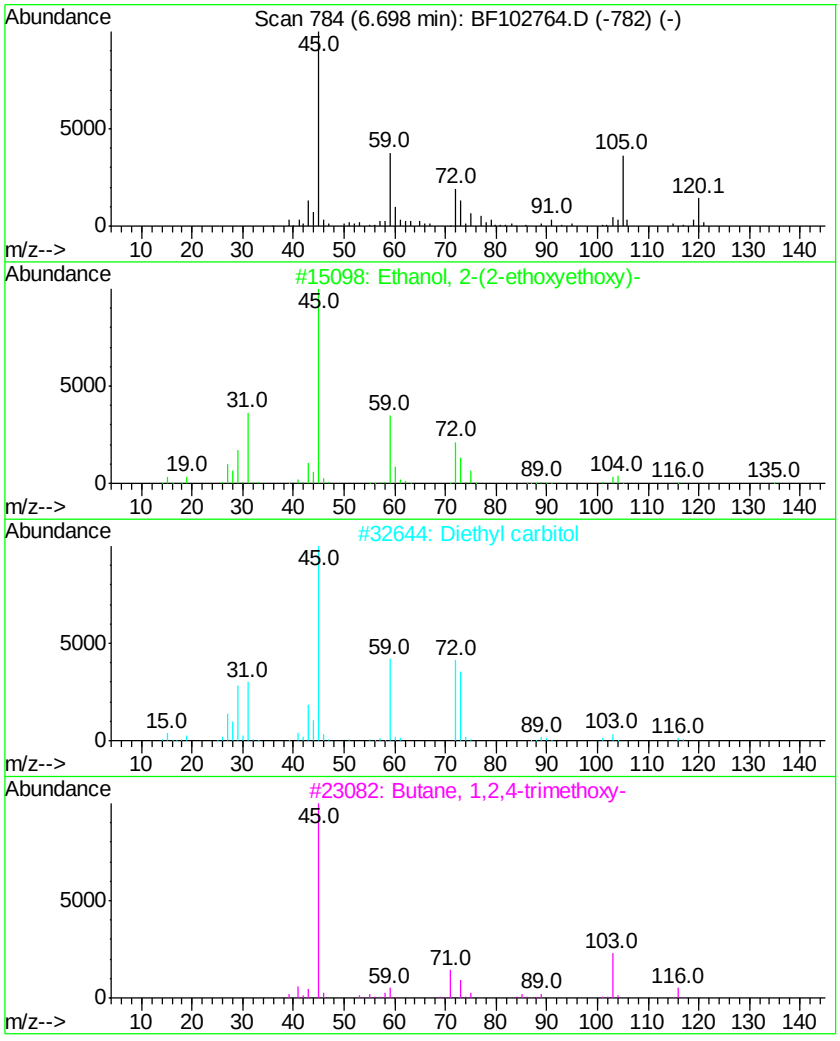
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

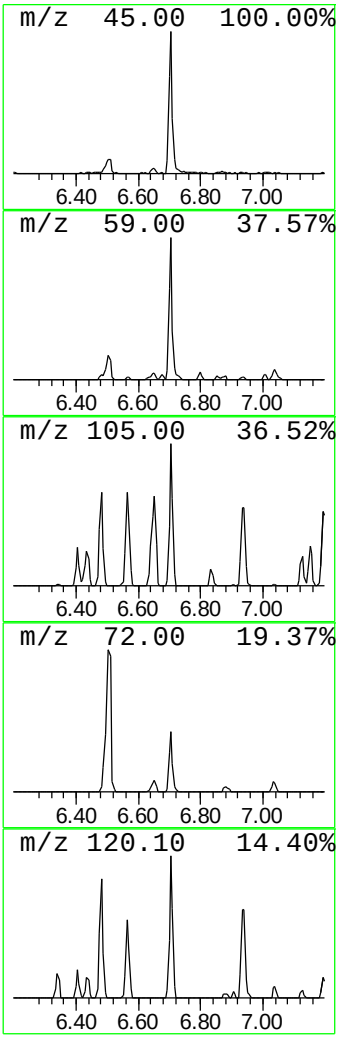
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.25 ng	242321	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
2	Diethyl carbitol	162	C8H18O3	000112-36-7	59
3	Butane, 1,2,4-trimethoxy-	148	C7H16O3	020637-48-3	35
4	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	32
5	2-Hydroxyethyl vinyl sulfide	104	C4H8OS	003090-56-0	32





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Operator : SJ/JU
Sample : J1454-01
Misc :
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ClientSampleId : 8-SAN-5-EW(0-4)

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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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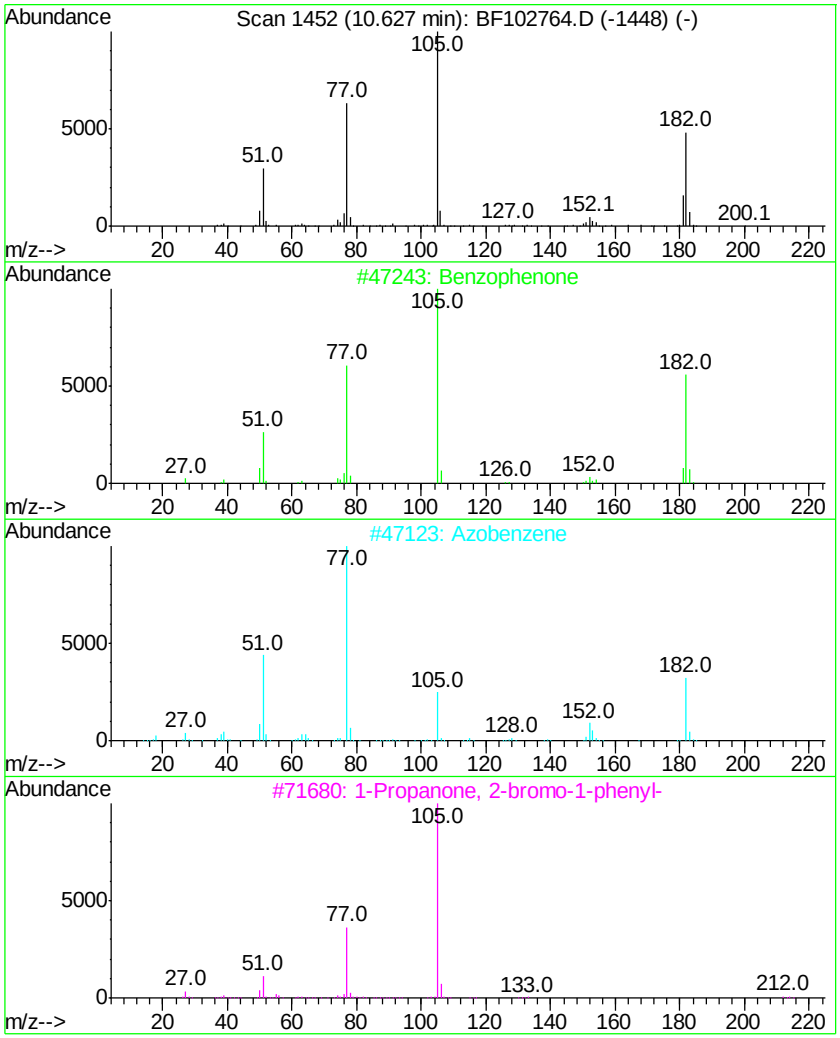
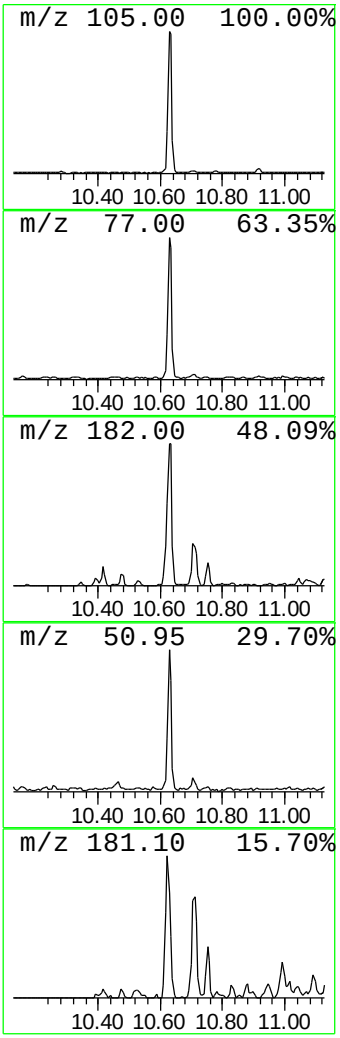
Peak Number 8 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	3.41 ng	361328	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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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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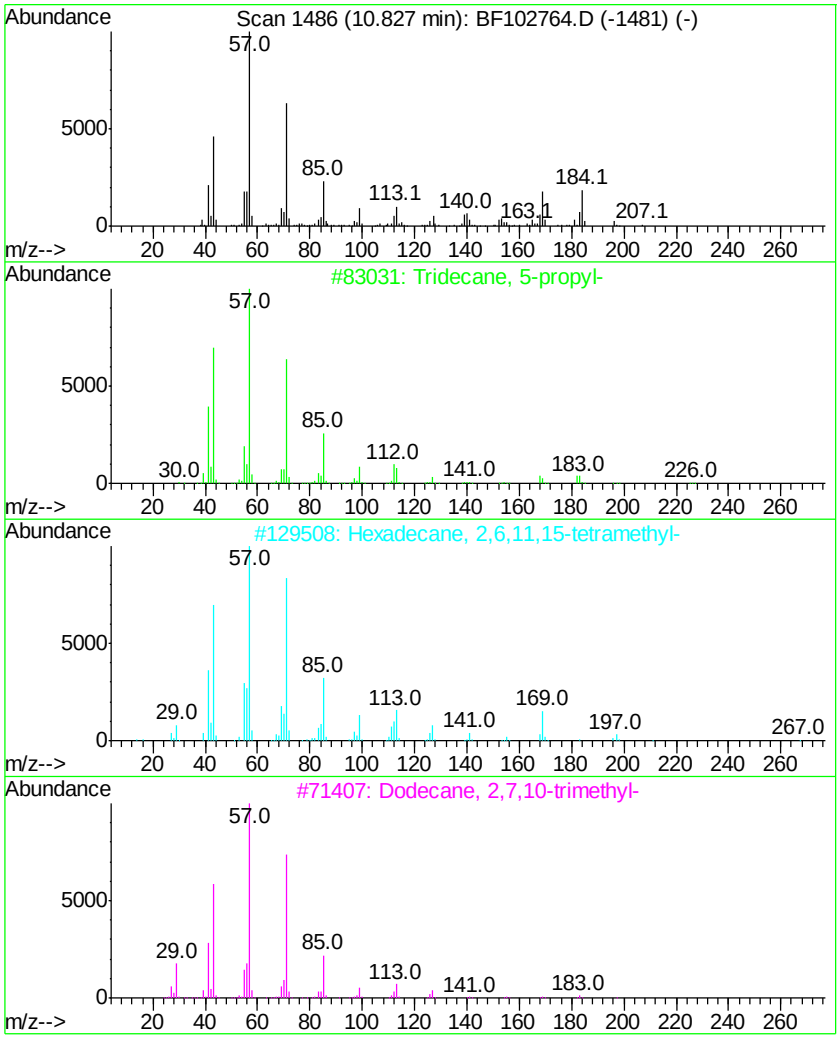
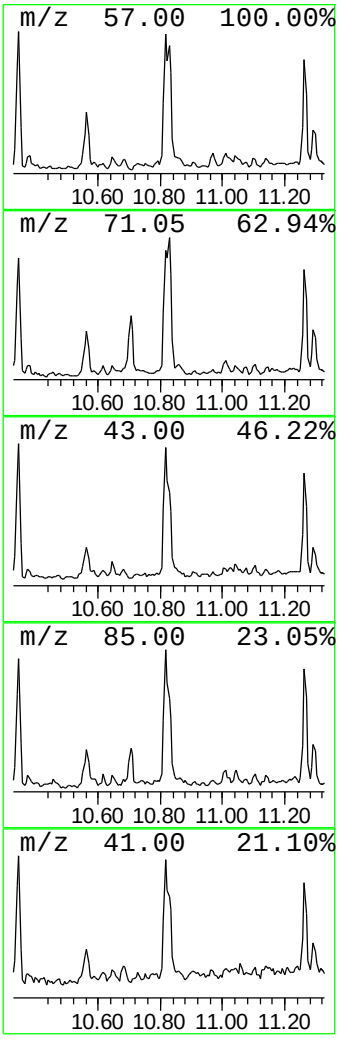
Peak Number 9 Tridecane, 5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.71 ng	386333	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	53
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52





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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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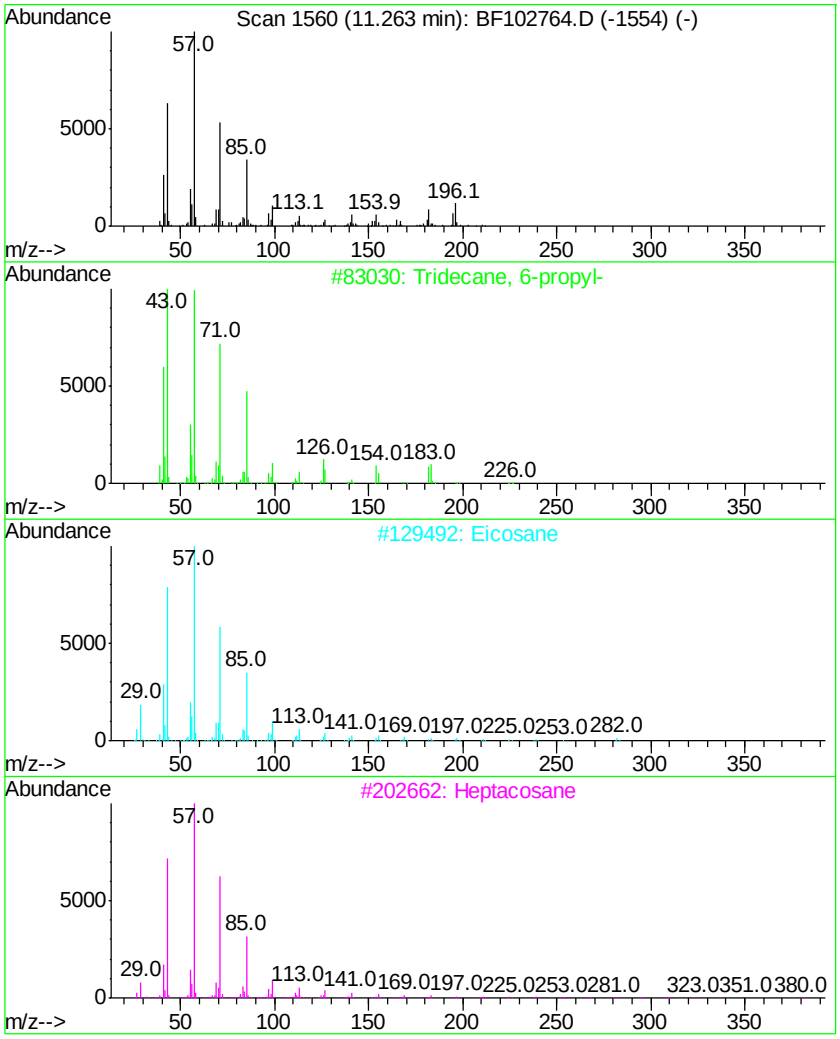
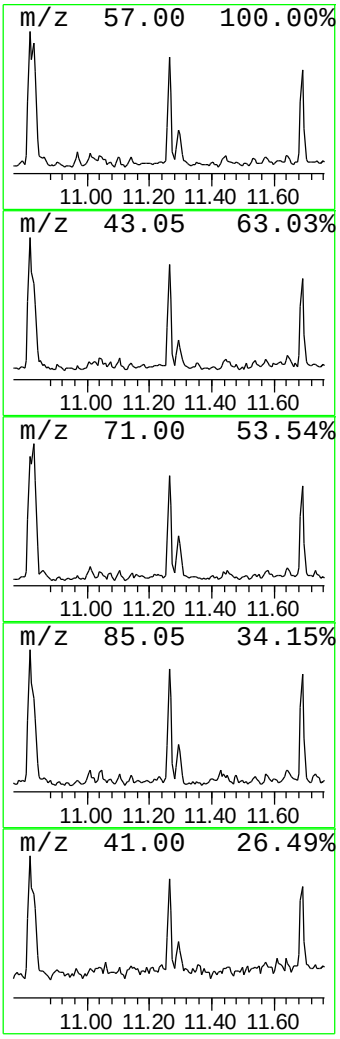
Peak Number 10 Tridecane, 6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.17 ng	260239	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
2	Eicosane	282	C20H42	000112-95-8	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60
5	Pentadecane	212	C15H32	000629-62-9	58





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

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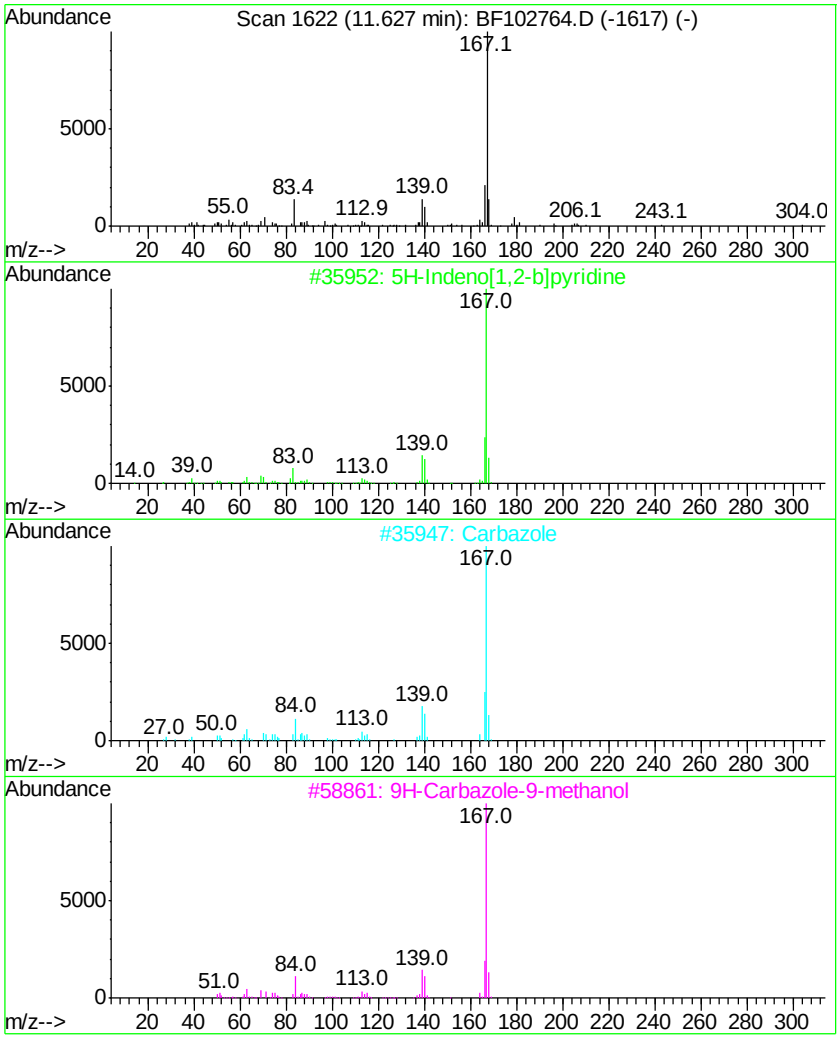
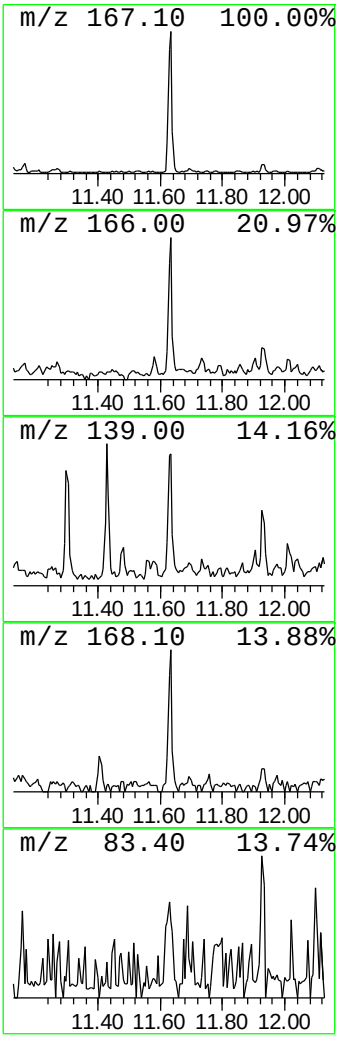
Peak Number 11 5H-Indeno[1,2-b]pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.50 ng	204744	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	83
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	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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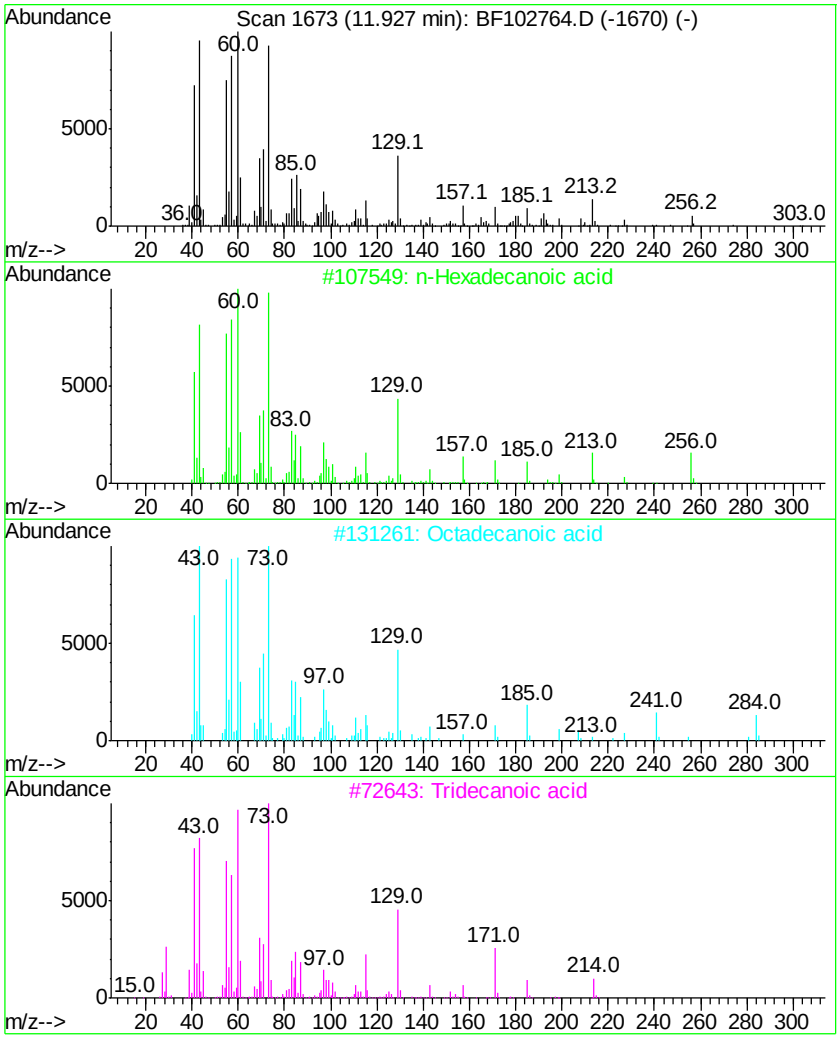
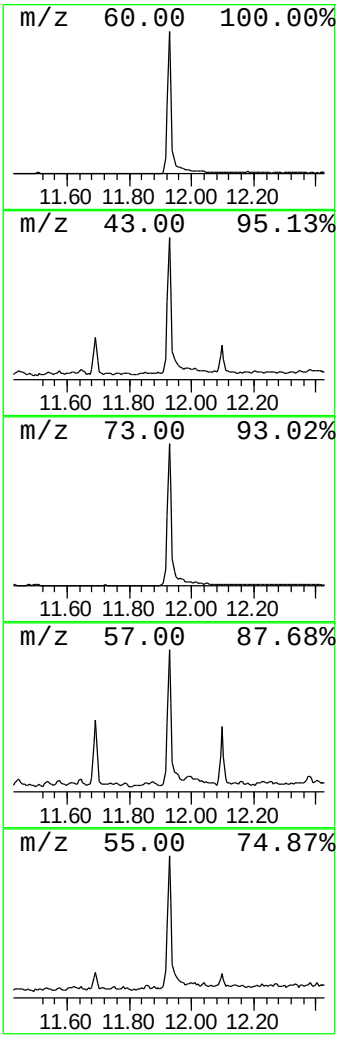
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	14.50 ng	1189810	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

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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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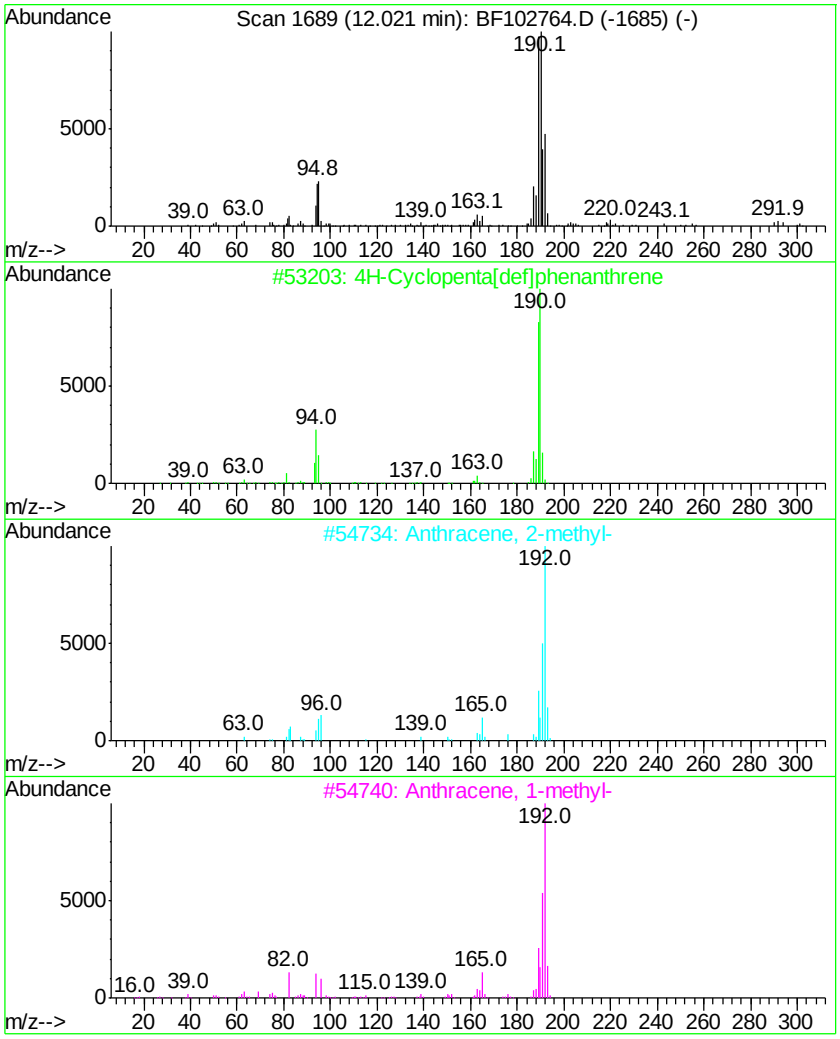
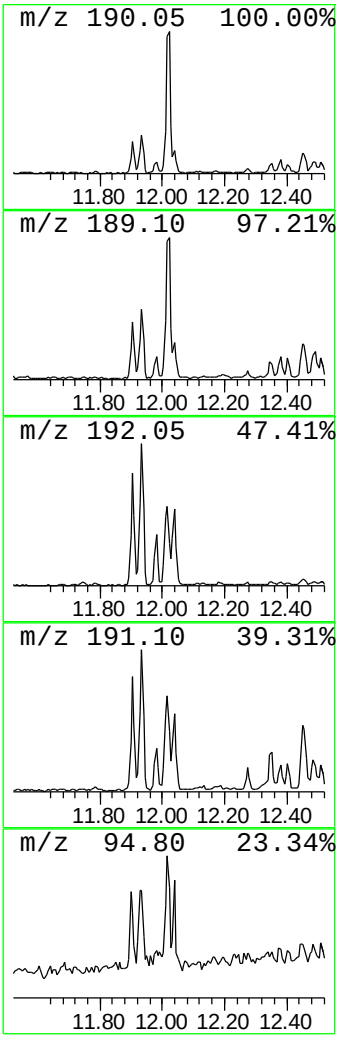
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.79 ng	310991	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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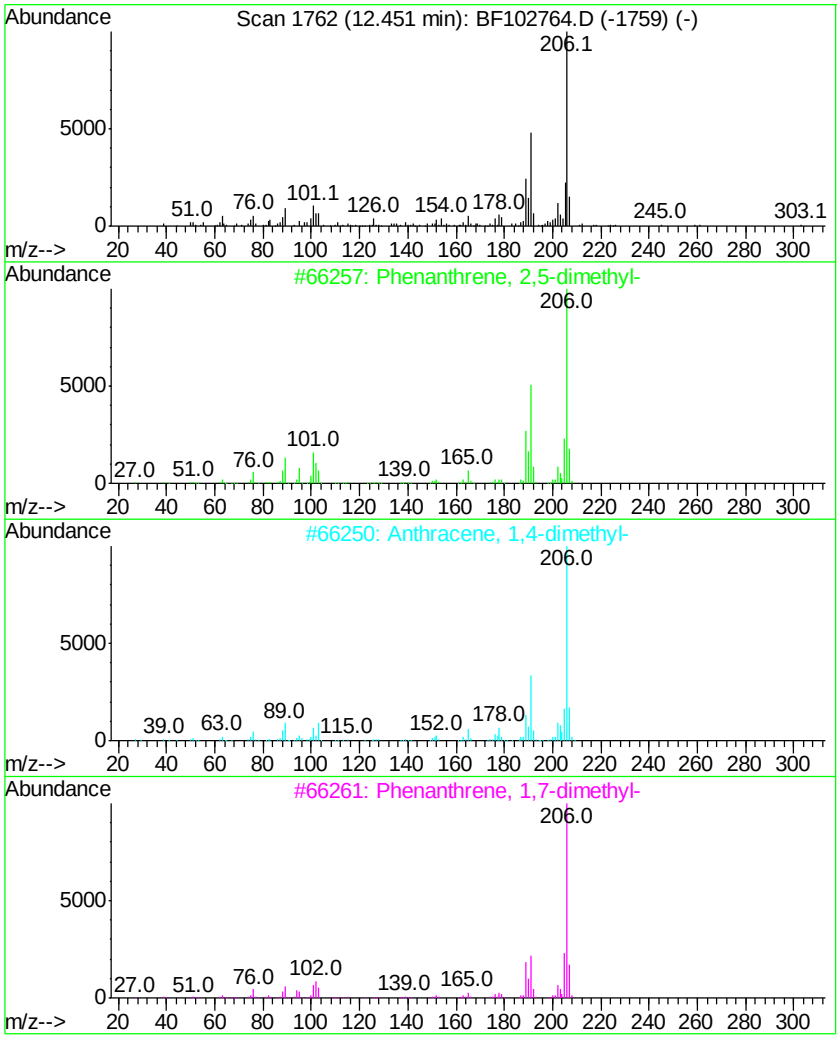
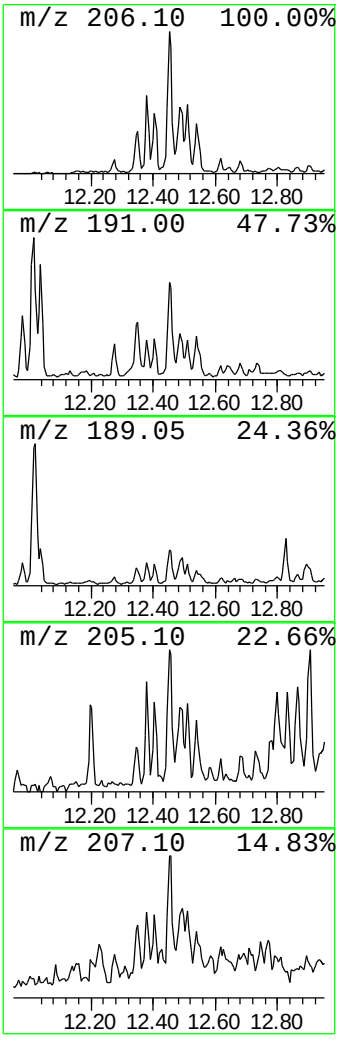
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.07 ng	169815	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	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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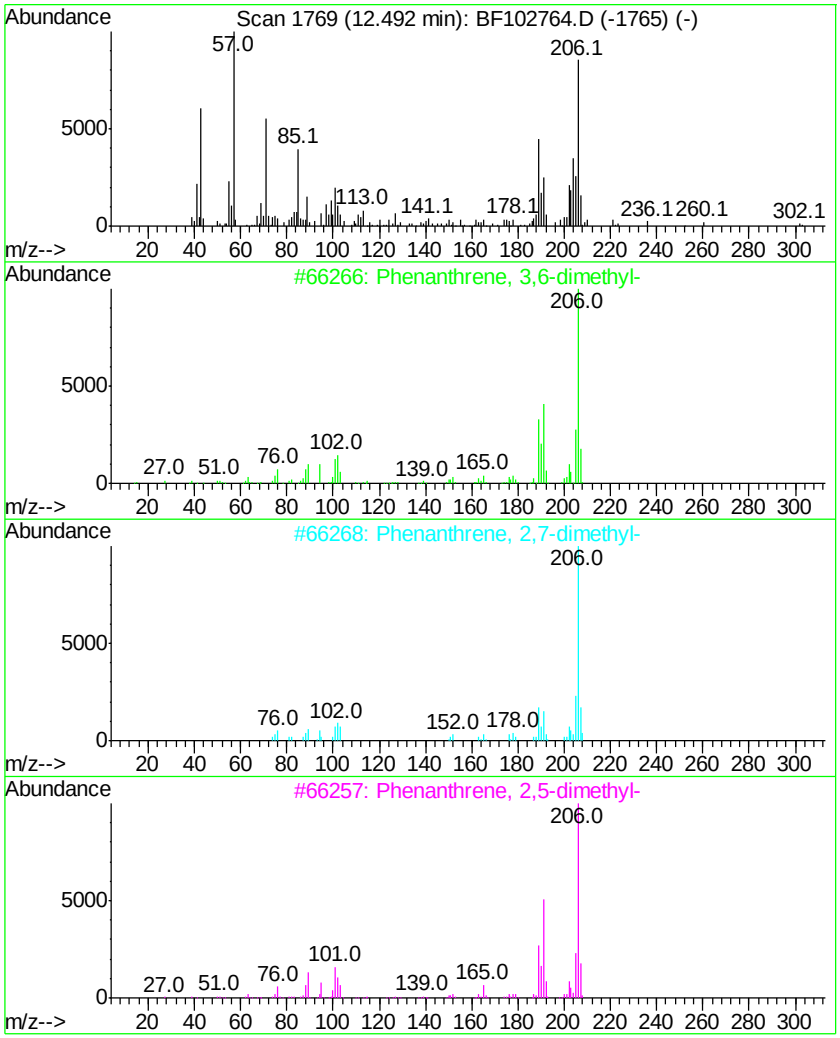
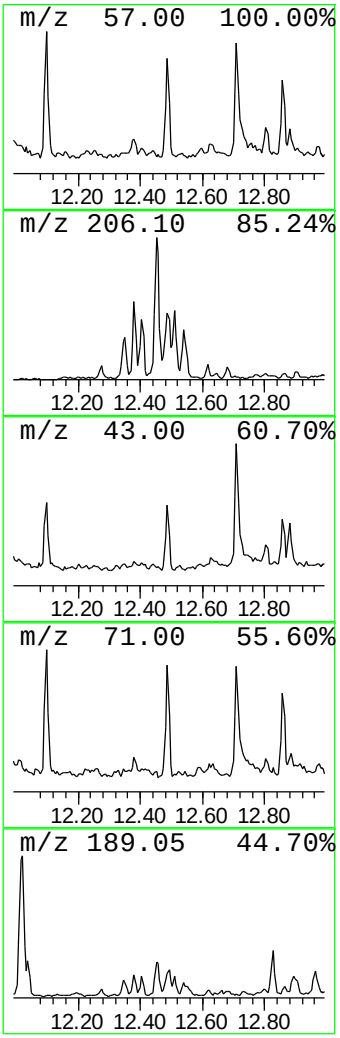
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.16 ng	176871	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46





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TIC Integration Parameters: LSCINT.P

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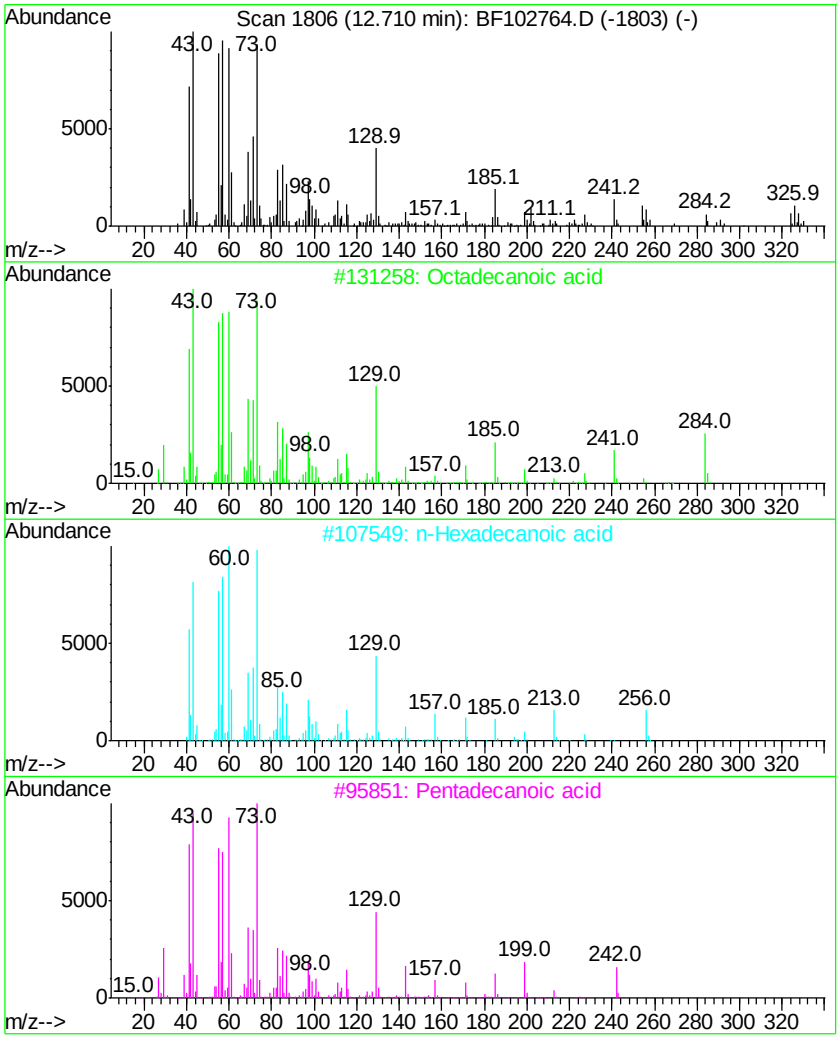
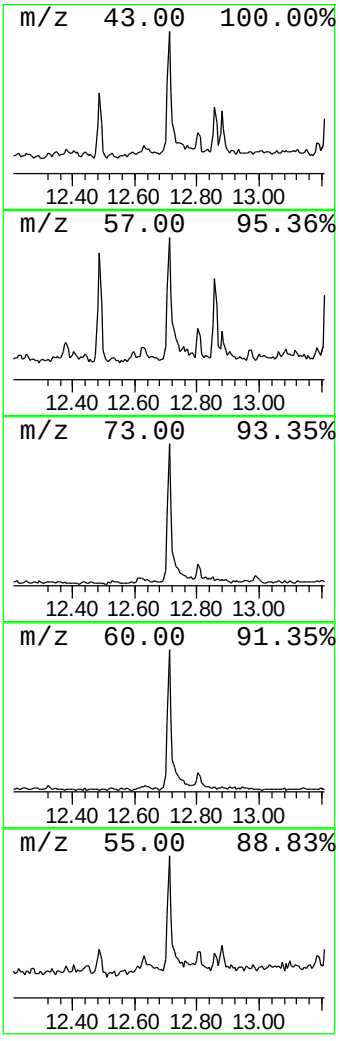
Peak Number 16 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.92 ng	403350	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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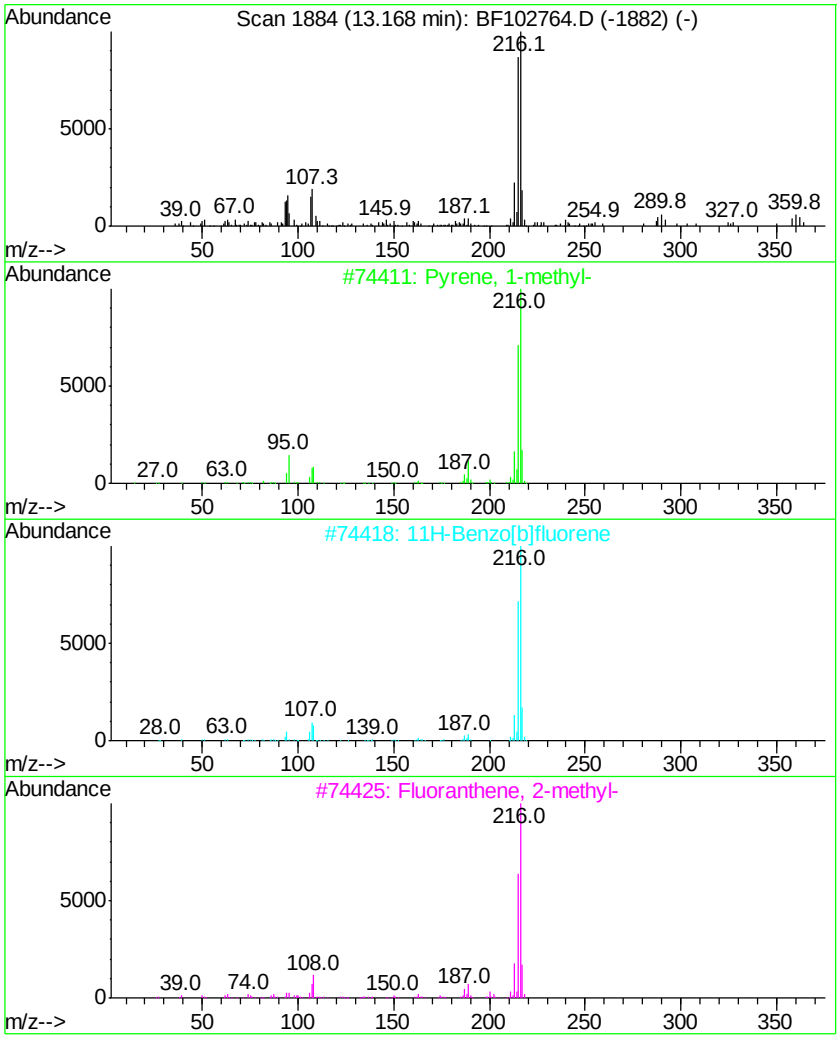
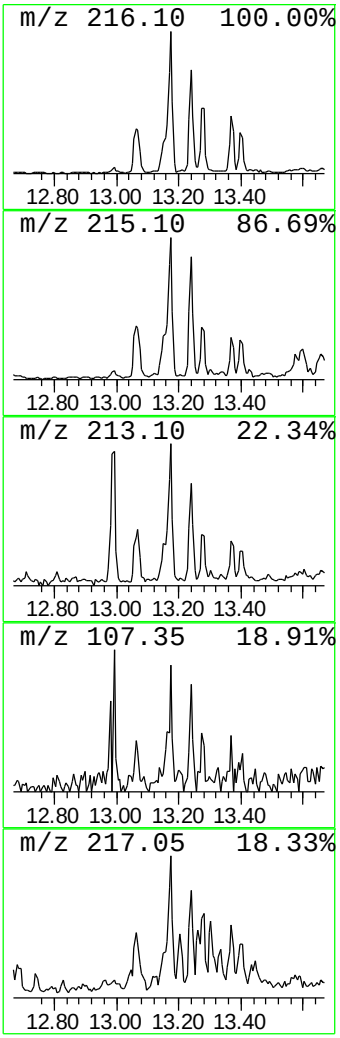
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.06 ng	172347	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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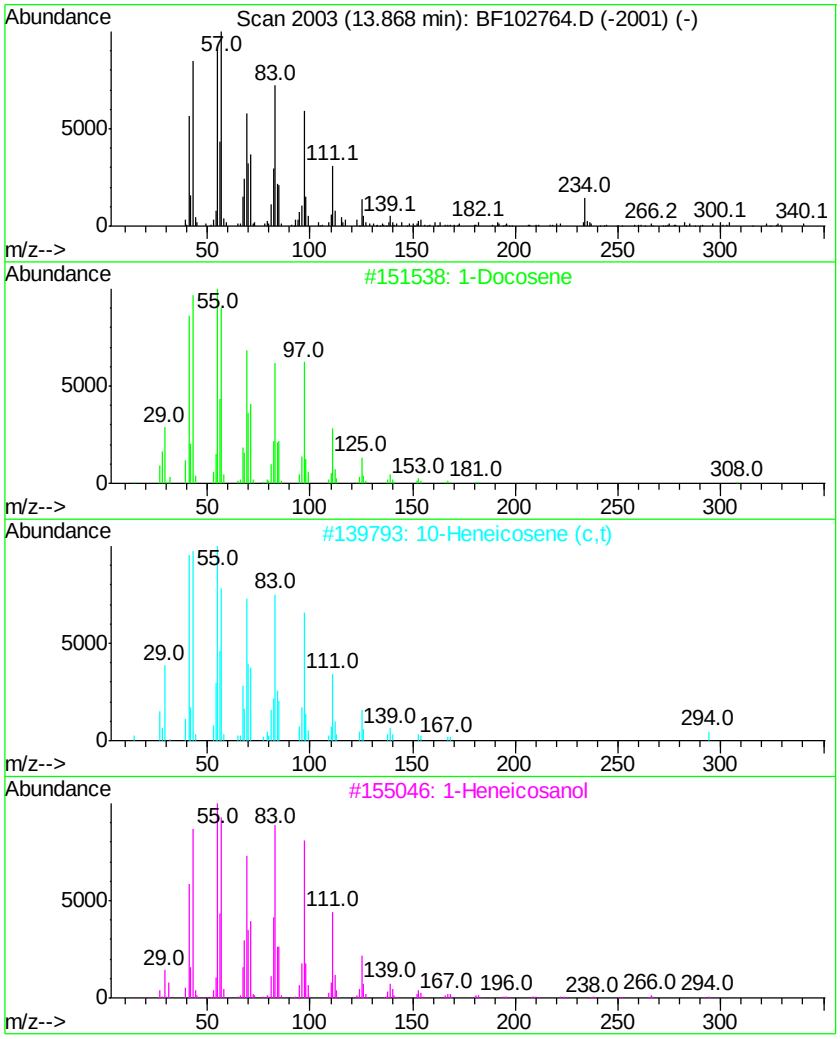
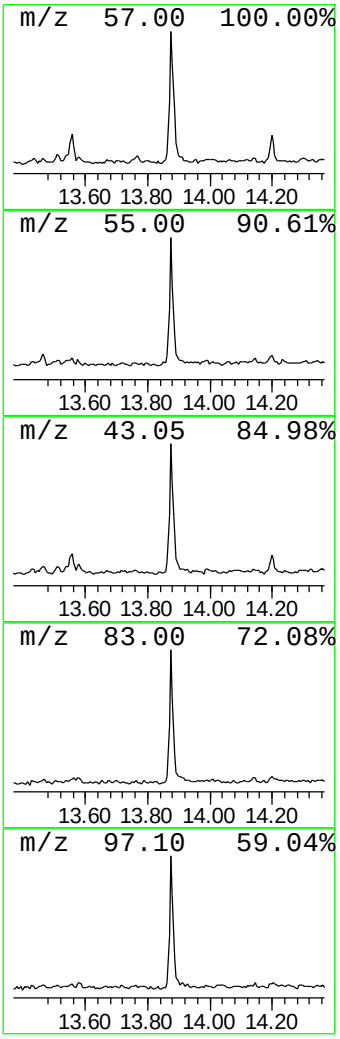
Peak Number 18 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.58 ng	799447	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	9-Nonadecene	266	C19H38	031035-07-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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TIC Integration Parameters: LSCINT.P

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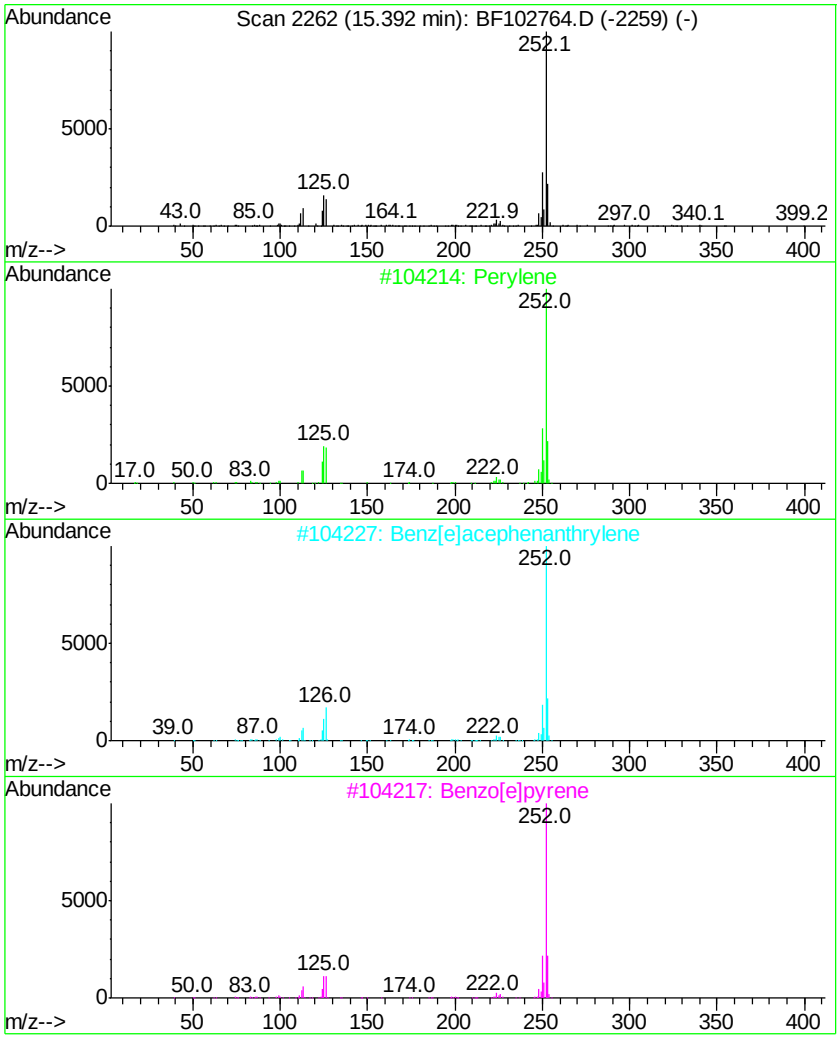
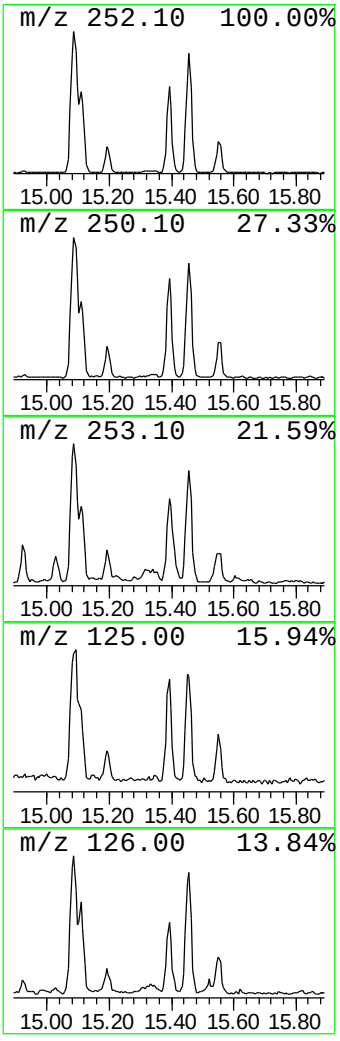
Peak Number 19 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	6.00 ng	322607	Perylene-d12	15.52

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





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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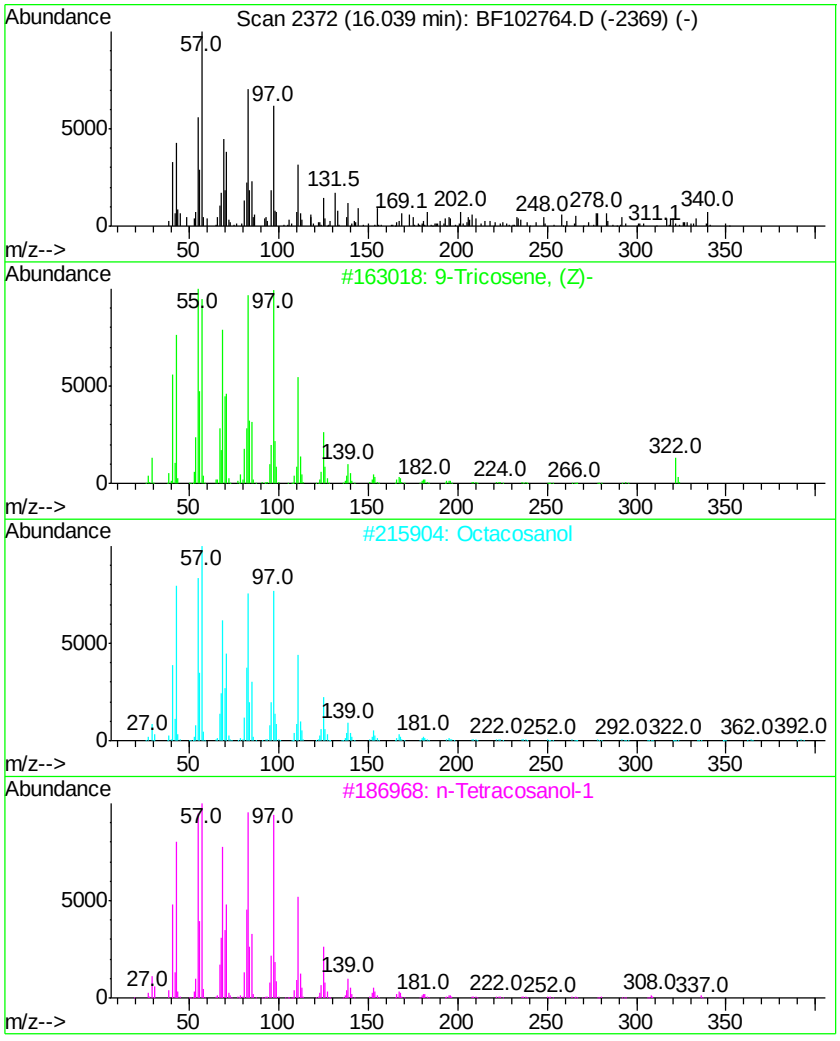
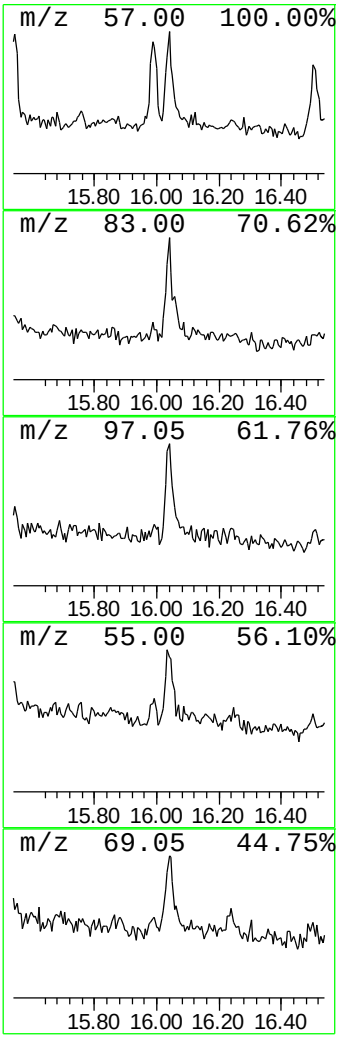
Peak Number 20 9-Tricosene, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.36 ng	126684	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	81
2	Octacosanol	410	C28H58O	000557-61-9	81
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
4	1-Heptacosanol	396	C27H56O	002004-39-9	72
5	Cyclopentadecane	210	C15H30	000295-48-7	70





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102764.D
Acq On : 6 Feb 2018 3:57
Operator : SJ/JU
Sample : J1454-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-5-EW(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.19	10.2	ng	764063	1	6.88	1491990	20.0
unknown5.12	5.12	3.9	ng	291731	1	6.88	1491990	20.0
unknown6.65	6.65	65.6	ng	4891300	1	6.88	1491990	20.0
Ethanol, 2-(2-eth...	6.70	3.3	ng	242321	1	6.88	1491990	20.0
Benzophenone	10.63	3.4	ng	361328	3	9.92	2119550	20.0
Tridecane, 5-propyl-	10.83	4.7	ng	386333	4	11.40	1640820	20.0
Tridecane, 6-propyl-	11.26	3.2	ng	260239	4	11.40	1640820	20.0
5H-Indeno[1,2-b]p...	11.63	2.5	ng	204744	4	11.40	1640820	20.0
n-Hexadecanoic acid	11.93	14.5	ng	1189810	4	11.40	1640820	20.0
4H-Cyclopenta[def...	12.02	3.8	ng	310991	4	11.40	1640820	20.0
Phenanthrene, 2,5...	12.45	2.1	ng	169815	4	11.40	1640820	20.0
Phenanthrene, 3,6...	12.49	2.2	ng	176871	4	11.40	1640820	20.0
Octadecanoic acid	12.71	4.9	ng	403350	4	11.40	1640820	20.0
Pyrene, 1-methyl-	13.17	2.1	ng	172347	5	14.04	1669620	20.0
1-Docosene	13.87	9.6	ng	799447	5	14.04	1669620	20.0
Perylene	15.39	6.0	ng	322607	6	15.52	1075430	20.0
9-Tricosene, (Z)-	16.04	2.4	ng	126684	6	15.52	1075430	20.0