LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	476	482	488	rBV	163654	253011	7.52%	0.674%
2	5.334	547	552	555	rBV	3059307	3026973	89.99%	8.064%
3	6.363	722	727	732	rBV	2846122	3170274	94.25%	8.445%
4	6.440	737	740	744	rBV	71795	48758	1.45%	0.130%
5	6.492	744	749	752	rBV	3350475	3137100	93.27%	8.357%
6	6.716	784	787	791	rBV	1034371	887082	26.37%	2.363%
7	6.792	793	800	804	rVB	223969	197395	5.87%	0.526%
8	6.875	810	814	817	rBV	2890917	2413049	71.74%	6.428%
9	7.287	879	884	887	rBV	2120025	1940628	57.70%	5.170%
10	8.004	998	1006	1008	rBV	1286653	1220419	36.28%	3.251%
11	8.557	1095	1100	1104	rBV	66568	65989	1.96%	0.176%
12	8.710	1122	1126	1129	rBV2	41844	41356	1.23%	0.110%
13	8.839	1146	1148	1150	rBV	102409	71133	2.11%	0.189%
14	8.863	1150	1152	1158	rVB	54161	46500	1.38%	0.124%
15	8.998	1172	1175	1177	rBV	45444	36156	1.07%	0.096%
16	9.081	1184	1189	1192	rBV	3780231	3363577	100.00%	8.960%
17	9.410	1241	1245	1248	rBV2	150668	135903	4.04%	0.362%
18	9.475	1252	1256	1259	rBV	460074	392610	11.67%	1.046%
19	9.616	1275	1280	1283	rBV	76729	79405	2.36%	0.212%
20	9.686	1289	1292	1296	rVB	64630	55207	1.64%	0.147%
21	9.757	1300	1304	1307	rVV	1349685	1308331	38.90%	3.485%
22	9.786	1307	1309	1312	rVB	65721	52527	1.56%	0.140%
23	9.957	1334	1338	1343	rVB2	51710	54405	1.62%	0.145%
24	10.186	1373	1377	1379	rVB2	80781	83020	2.47%	0.221%
25	10.269	1384	1391	1393	rVV5	41872	53203	1.58%	0.142%
26	10.298	1394	1396	1402	rVB	53101	50683	1.51%	0.135%
27	10.404	1409	1414	1420	rBV3	40003	69082	2.05%	0.184%
28	10.469	1420	1425	1429	rBV2	139302	165168	4.91%	0.440%
29	10.545	1431	1438	1441	rBV	1967377	1797943	53.45%	4.790%
30	10.657	1454	1457	1462	rBV2	108132	153967	4.58%	0.410%
31	10.898	1495	1498	1502	rVB4	45038	46465	1.38%	0.124%
32	11.057	1519	1525	1528	rBV2	64431	82831	2.46%	0.221%
33	11.104	1531	1533	1536	rVV2	94462	90441	2.69%	0.241%
34	11.133	1536	1538	1545	rVB	71280	67843	2.02%	0.181%

LSC Area Percent Report

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Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.239	1552	1556	1558	rBV	1267550	1072774	31.89%	2.858%
36	11.263	1558	1560	1563	rVV	523156	403621	12.00%	1.075%
37	11.310	1566	1568	1572	rVB	148923	126013	3.75%	0.336%
38	11.469	1589	1595	1603	rBV2	65081	124059	3.69%	0.330%
39	11.533	1603	1606	1610	rVV	83820	77619	2.31%	0.207%
40	11.680	1628	1631	1635	rBV4	31211	39652	1.18%	0.106%
41	11.739	1638	1641	1643	rVV	67973	61382	1.82%	0.164%
42	11.763	1643	1645	1648	rVV	105166	96543	2.87%	0.257%
43	11.851	1657	1660	1662	rBV	119145	125407	3.73%	0.334%
44	11.869	1662	1663	1667	rVB2	54612	44883	1.33%	0.120%
45	11.939	1672	1675	1677	rVB	76416	60498	1.80%	0.161%
46	12.033	1688	1691	1693	rBV	60635	52685	1.57%	0.140%
47	12.057	1693	1695	1698	rVB	48918	40576	1.21%	0.108%
48	12.192	1714	1718	1721	rBV	377585	313220	9.31%	0.834%
49	12.280	1730	1733	1737	rBV4	118896	149441	4.44%	0.398%
50	12.327	1737	1741	1746	rVV2	83810	119940	3.57%	0.320%
51	12.374	1746	1749	1752	rVV	77275	83035	2.47%	0.221%
52	12.451	1755	1762	1765	rBV	805967	944907	28.09%	2.517%
53	12.674	1794	1800	1803	rBV	723472	785167	23.34%	2.092%
54	12.727	1806	1809	1813	rVB2	38485	40295	1.20%	0.107%
55	12.827	1821	1826	1829	rVB	2346559	2266933	67.40%	6.039%
56	12.898	1835	1838	1841	rVB	46518	56134	1.67%	0.150%
57	12.980	1849	1852	1854	rBV4	38702	44714	1.33%	0.119%
58	13.004	1854	1856	1858	rVB	94413	69376	2.06%	0.185%
59	13.110	1870	1874	1876	rBV2	74672	88506	2.63%	0.236%
60	13.169	1881	1884	1886	rBV4	36019	47802	1.42%	0.127%
61	13.233	1892	1895	1898	rBV	40313	42836	1.27%	0.114%
62	13.516	1940	1943	1947	rVB	140711	133181	3.96%	0.355%
63	13.621	1958	1961	1964	rBV2	63292	75205	2.24%	0.200%
64	13.651	1964	1966	1968	rVV	52051	41668	1.24%	0.111%
65	13.716	1974	1977	1981	rBV	404418	370092	11.00%	0.986%
66	13.874	1998	2004	2007	rBV3	1011401	1389869	41.32%	3.702%
67	13.898	2007	2008	2011	rVB	332341	208067	6.19%	0.554%
68	13.974	2019	2021	2024	rBV	67447	62961	1.87%	0.168%
69	14.163	2051	2053	2056	rVB	64357	46134	1.37%	0.123%
70	14.351	2082	2085	2088	rBV3	346048	336472	10.00%	0.896%
71	14.892	2173	2177	2184	rVB	347529	625717	18.60%	1.667%

LSC Area Percent Report

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Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.963	2186	2189	2191	rVV	179367	202931	6.03%	0.541%
73	14.986	2191	2193	2197	rVB2	191931	212382	6.31%	0.566%
74	15.180	2223	2226	2232	rVB	195431	235168	6.99%	0.626%
75	15.239	2232	2236	2240	rVB	275084	326550	9.71%	0.870%
76	15.298	2242	2246	2249	rBV	597938	741327	22.04%	1.975%
77	15.733	2315	2320	2325	rBV	330328	494858	14.71%	1.318%

Sum of corrected areas: 37539034

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
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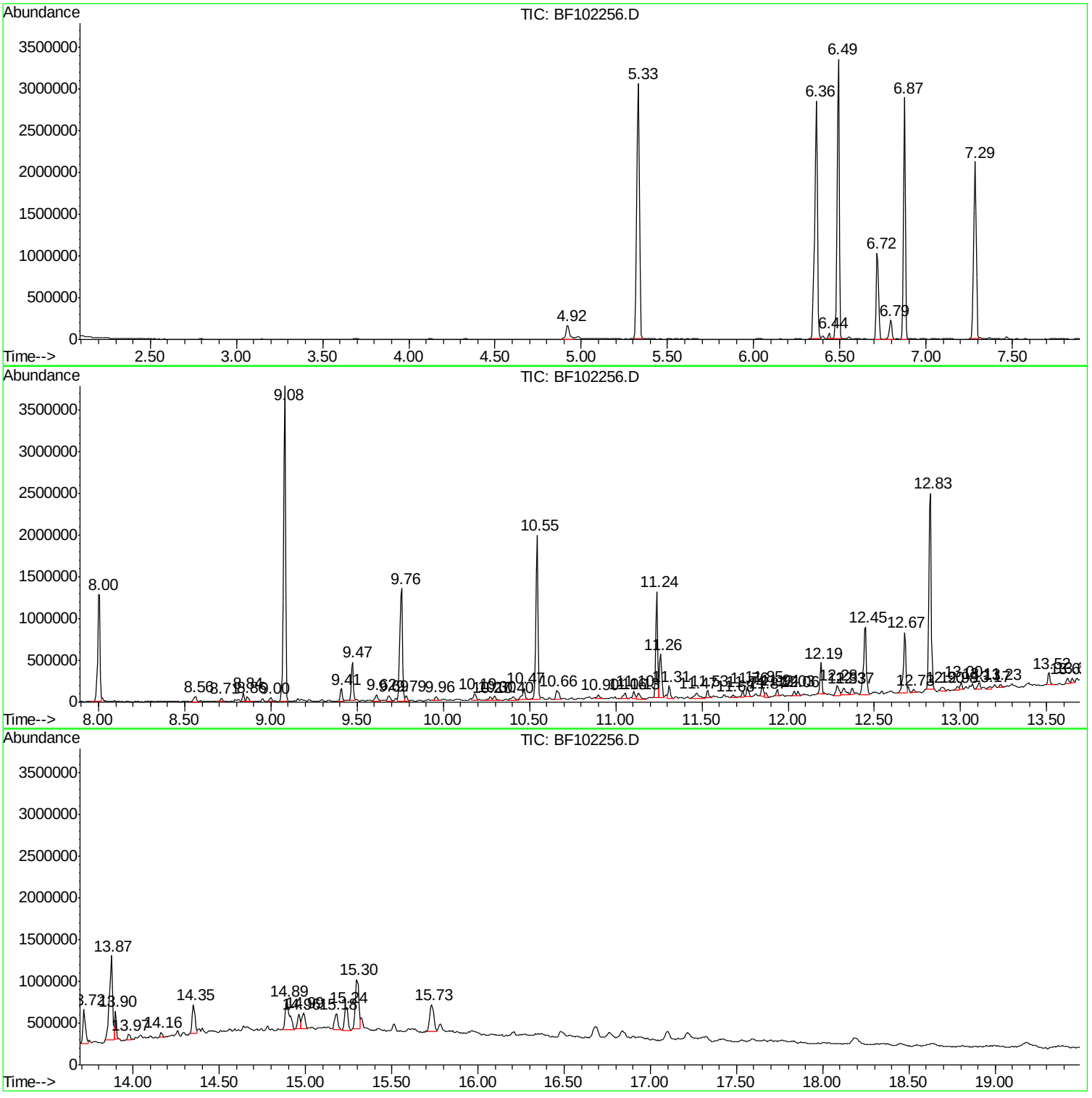
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

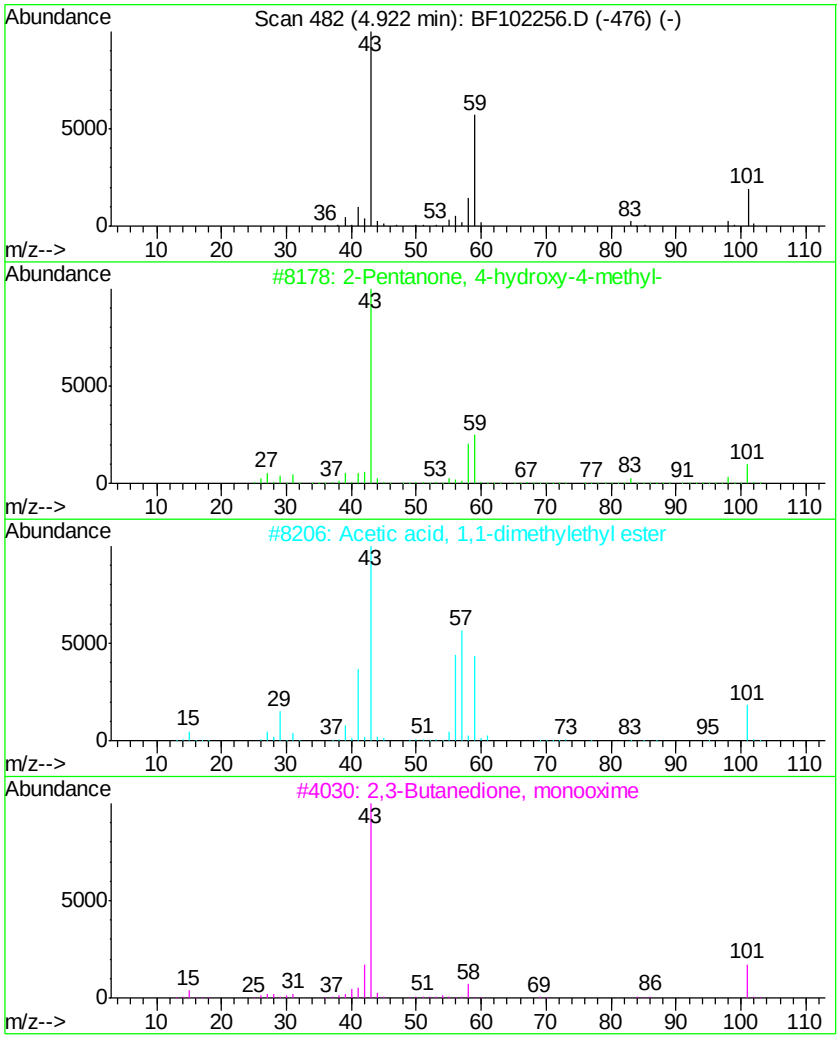
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

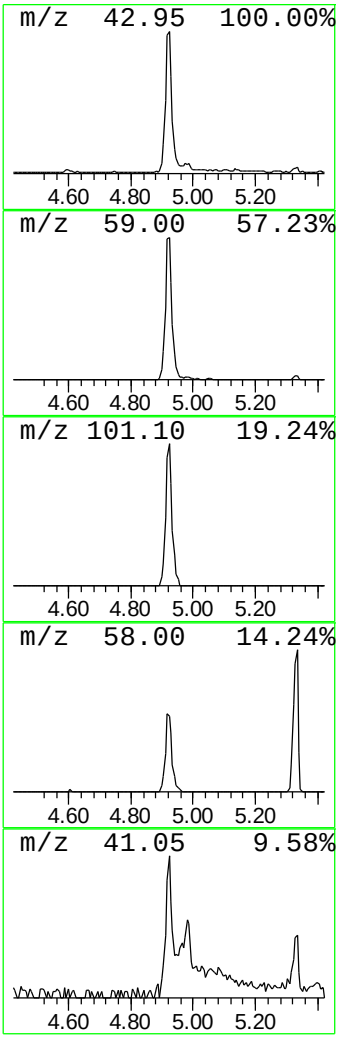
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.70 ng	253011	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

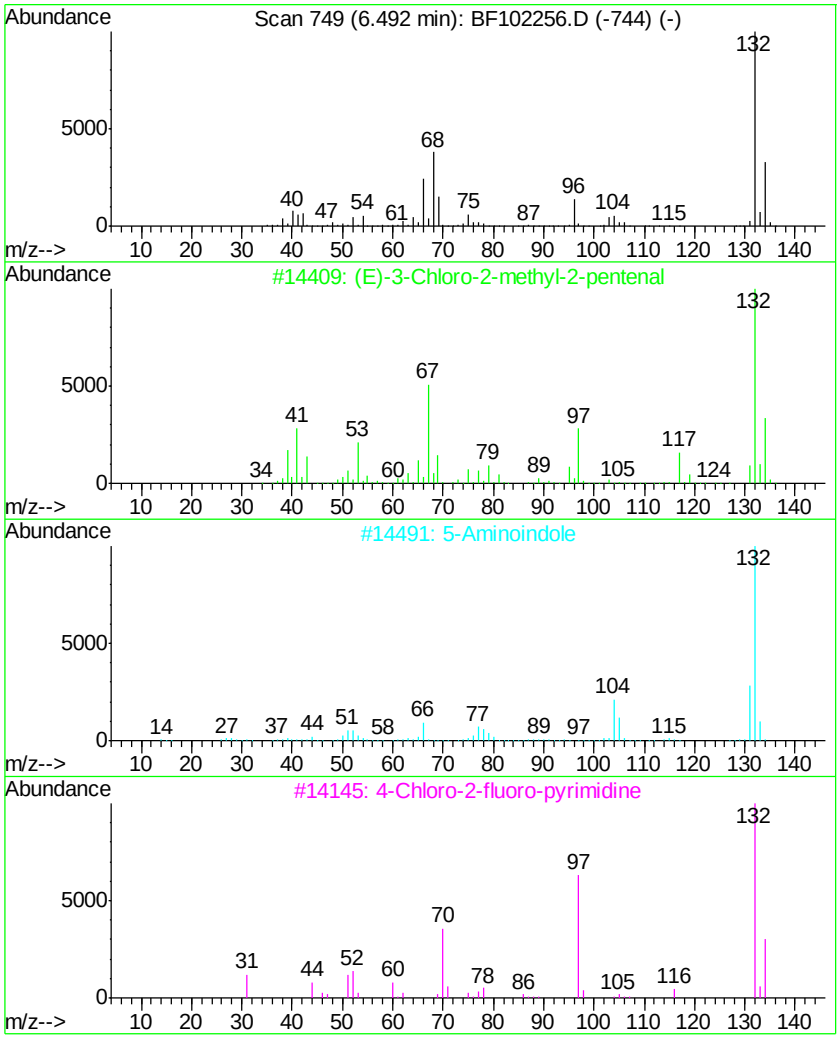
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

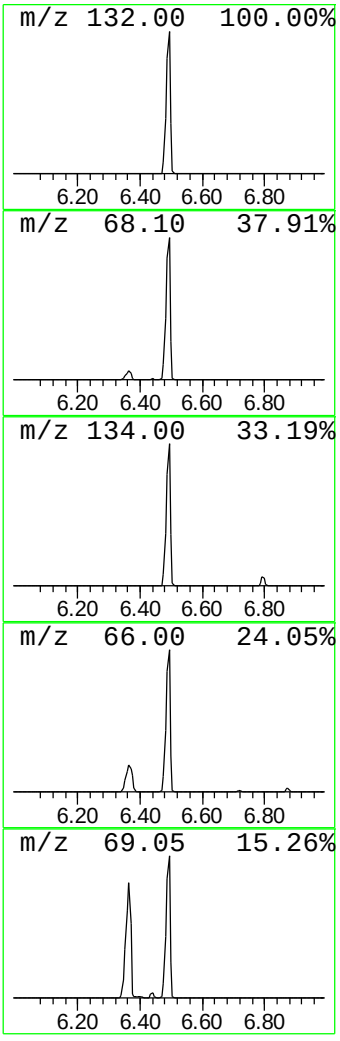
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	70.73 ng	3137100	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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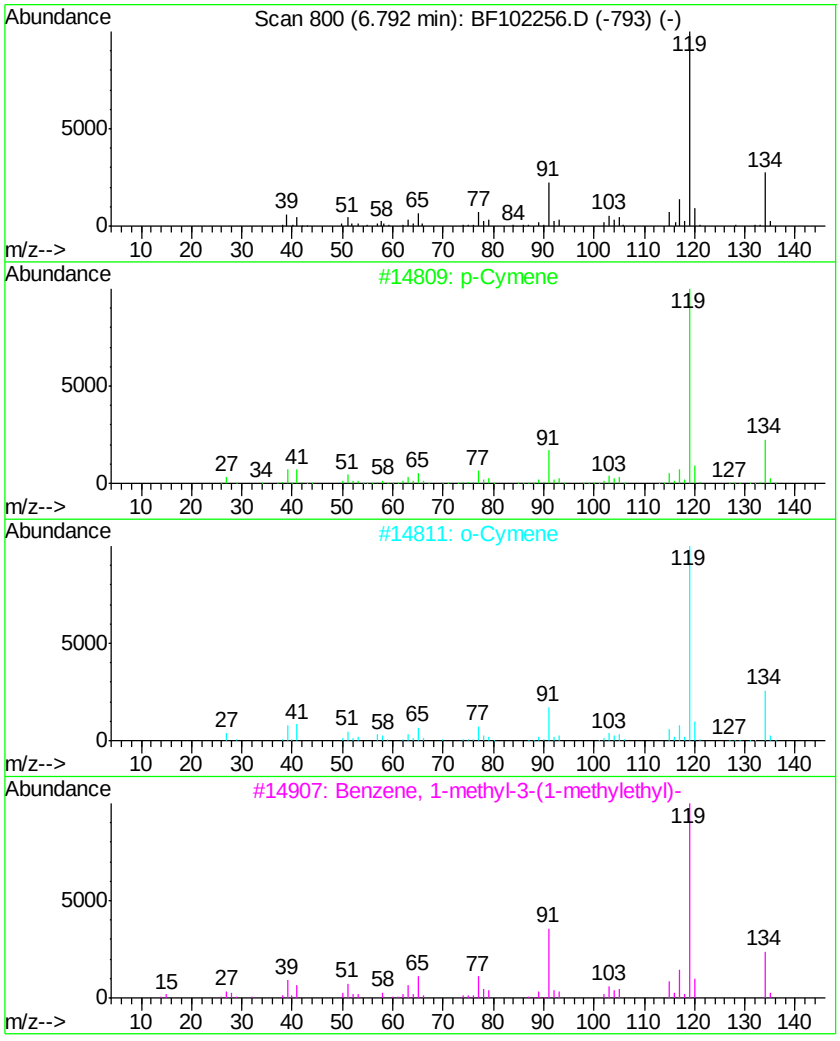
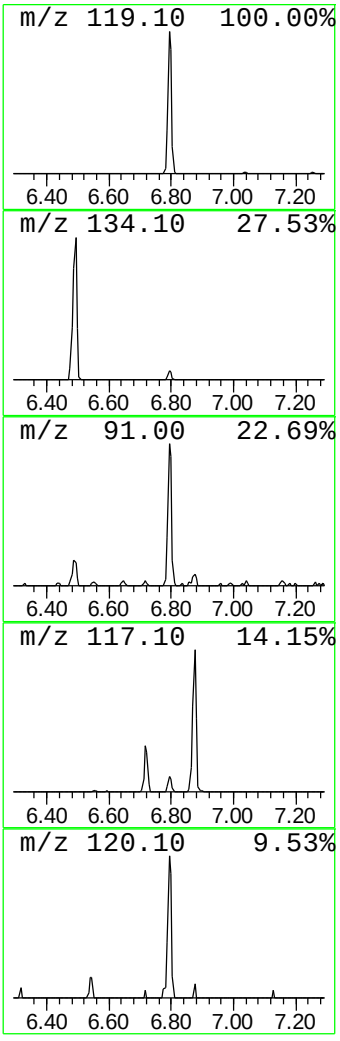
****

Peak Number 3 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.45 ng	197395	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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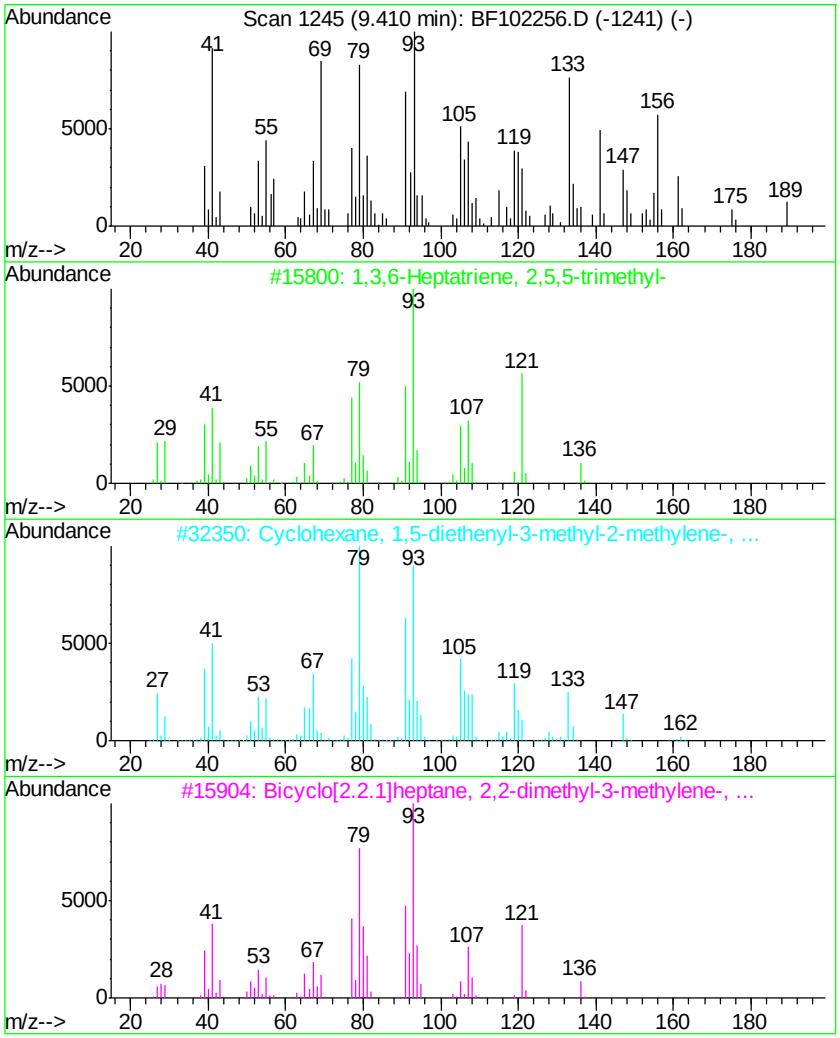
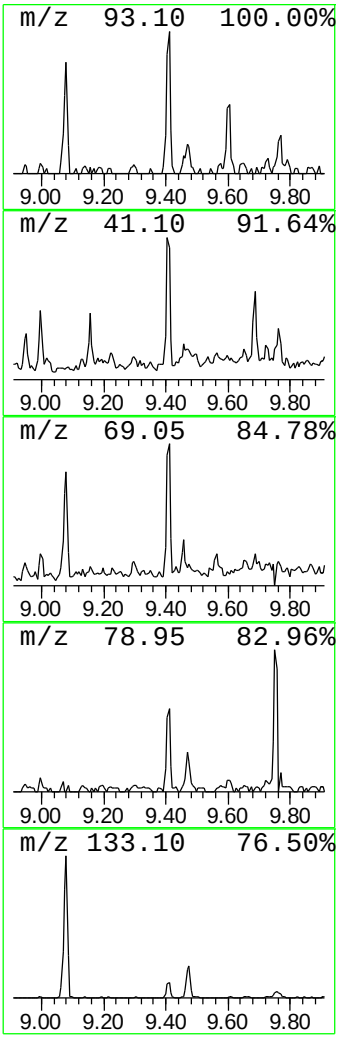
Peak Number 5 unknown9.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.08 ng	135903	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	35
2	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	35
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	30
4	1,4-Methanophthalazine, 1,4,4a,7...	176	C11H16N2	1000221-84-9	30
5	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	000142-50-7	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
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Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

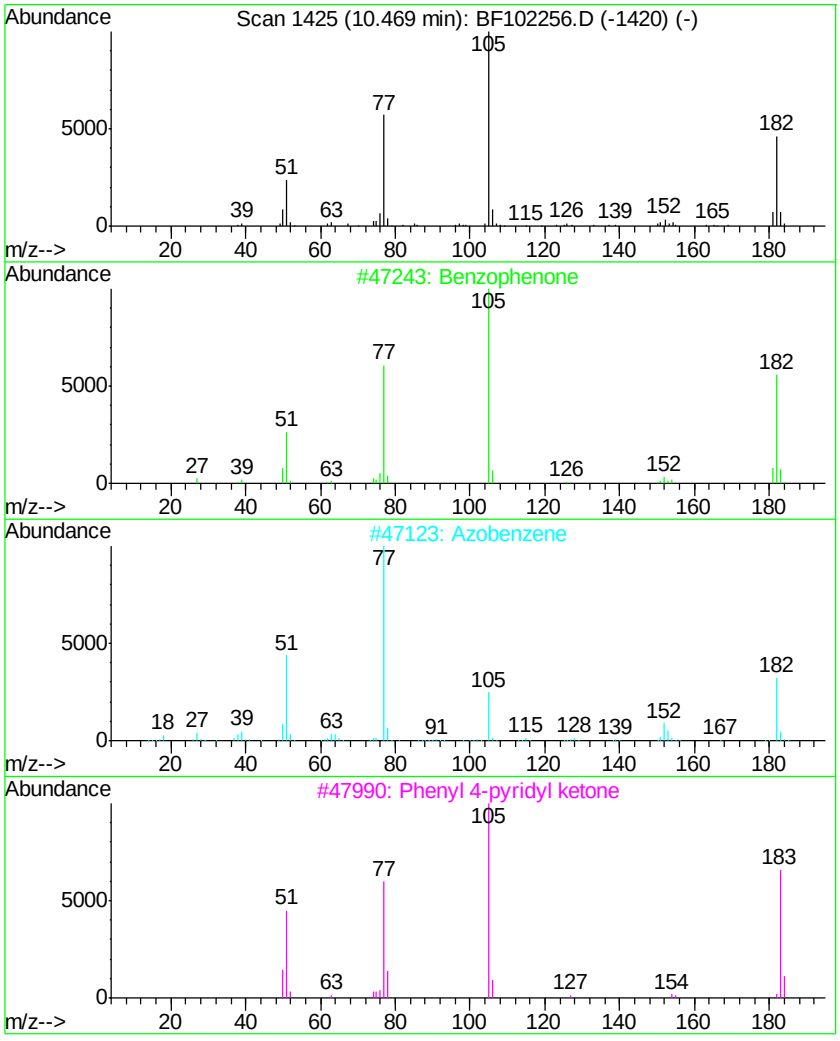
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

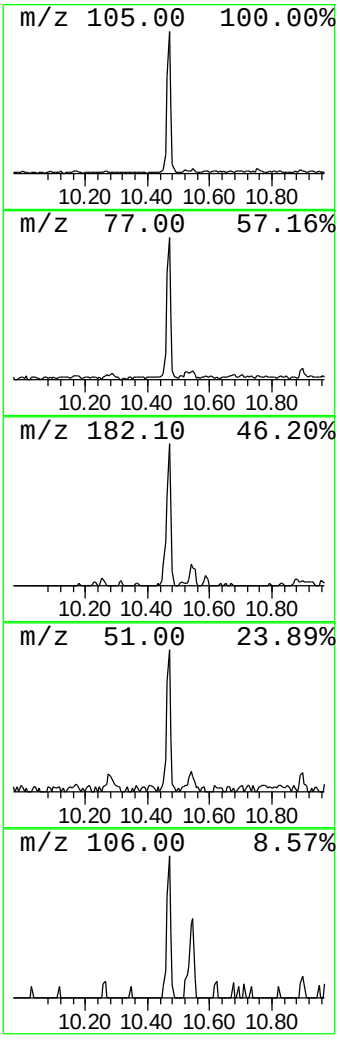
****

Peak Number 6 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.52 ng	165168	Acenaphthene-d10	9.75

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	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102256.D
Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

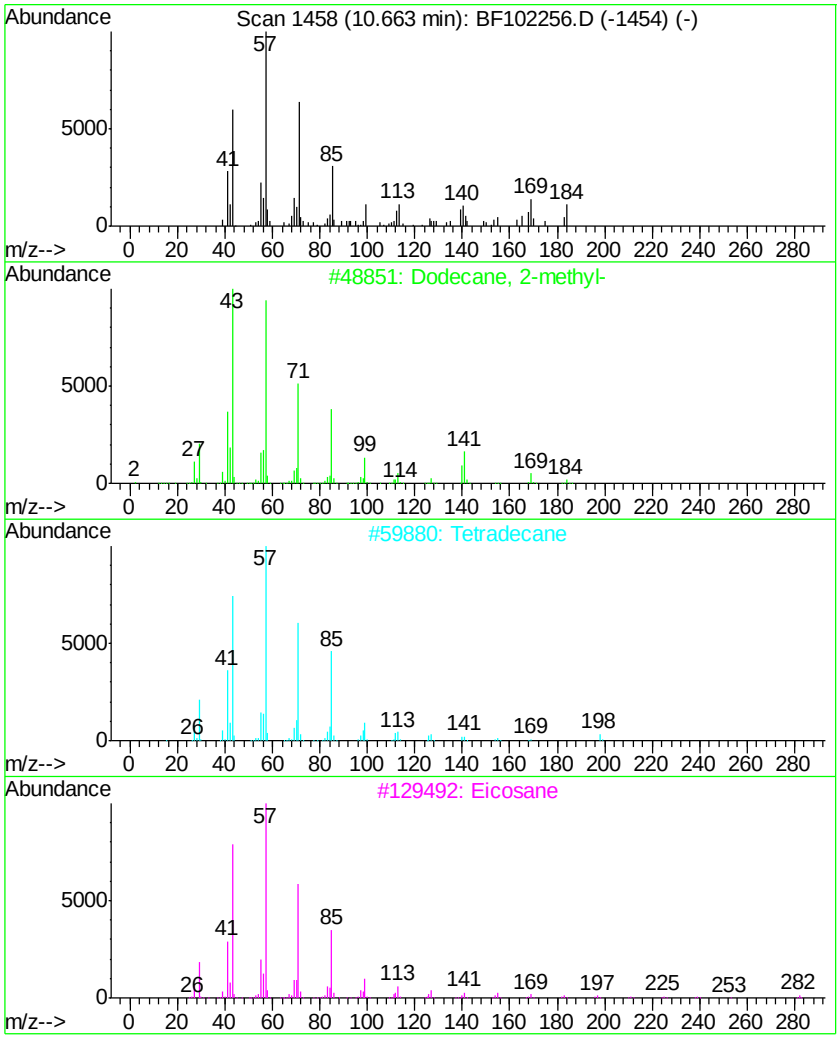
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

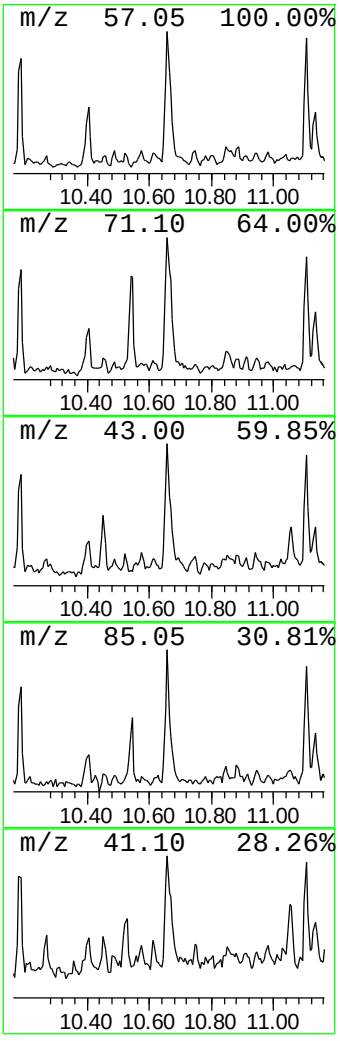
****

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.87 ng	153967	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tetracosane	338	C24H50	000646-31-1	80





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Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

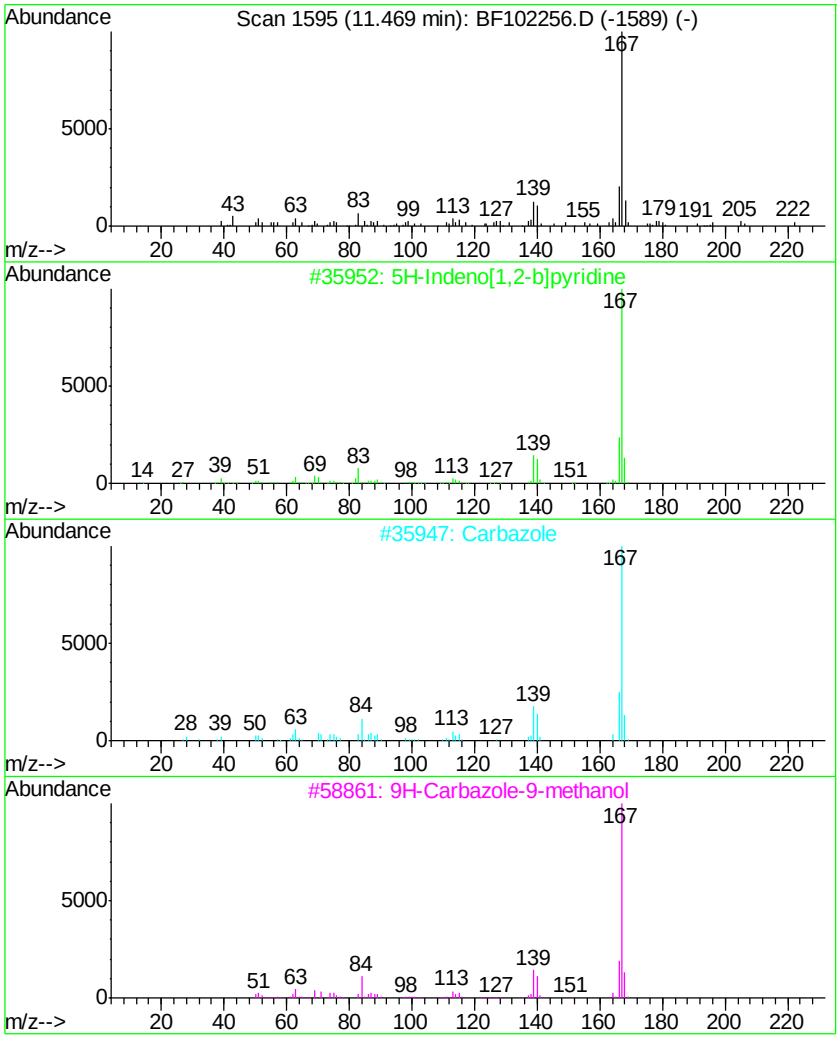
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

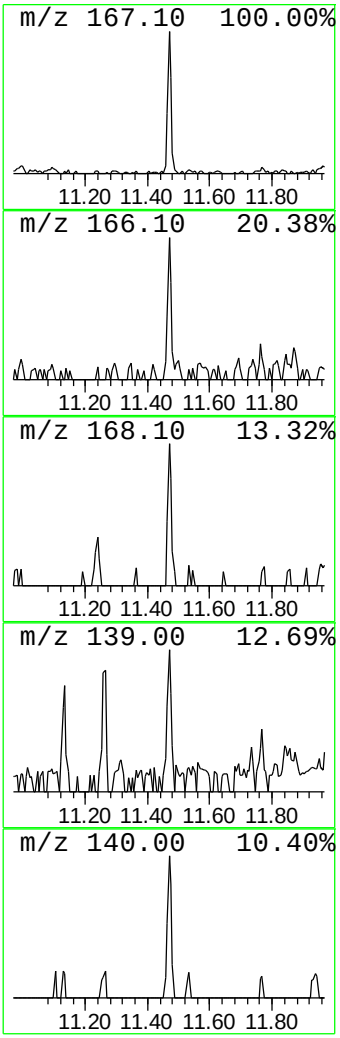
****

Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.31 ng	124059	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	90
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	78





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Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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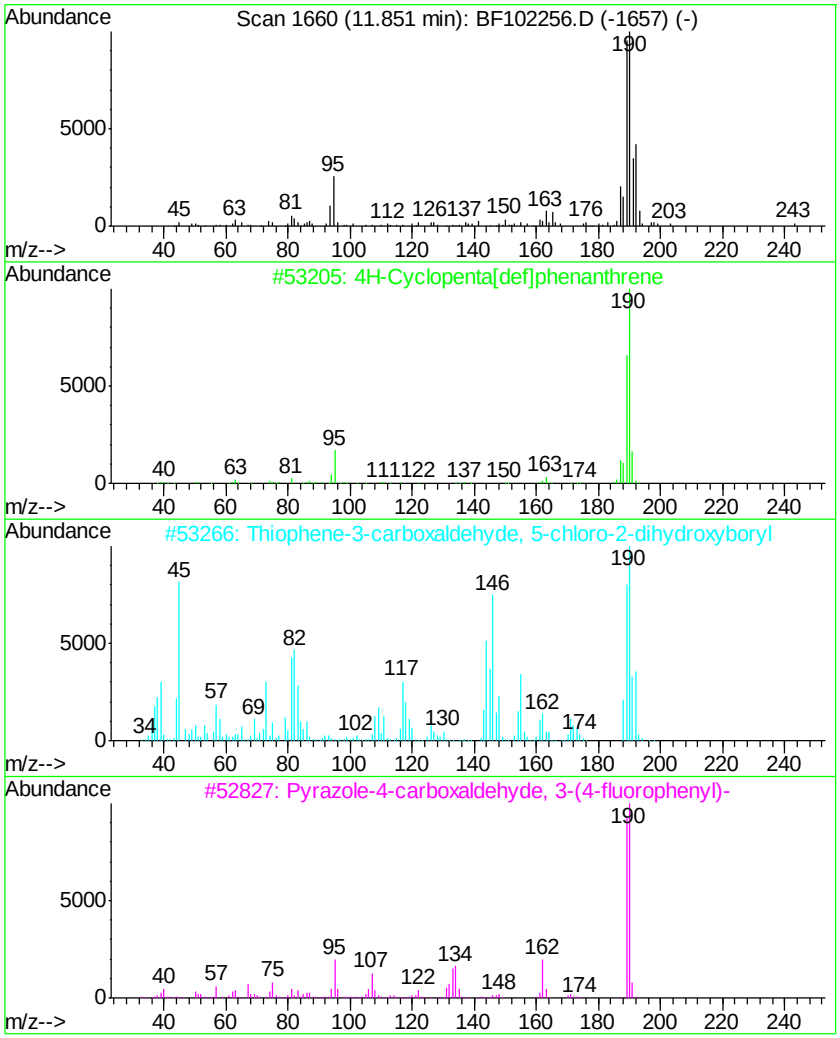
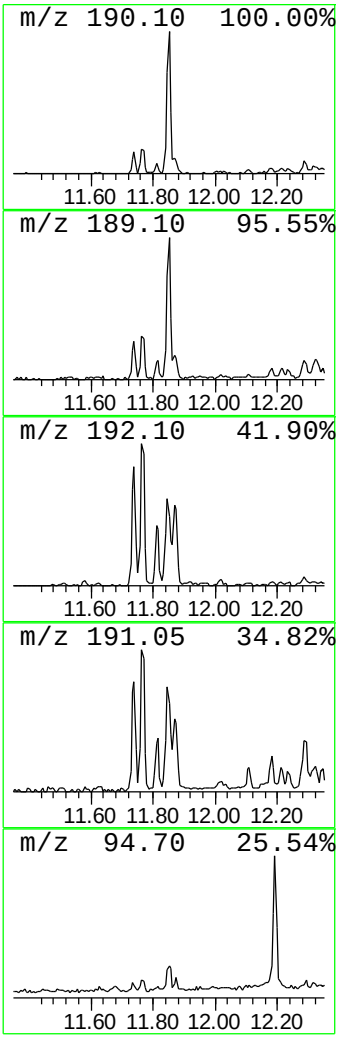
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.34 ng	125407	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38





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Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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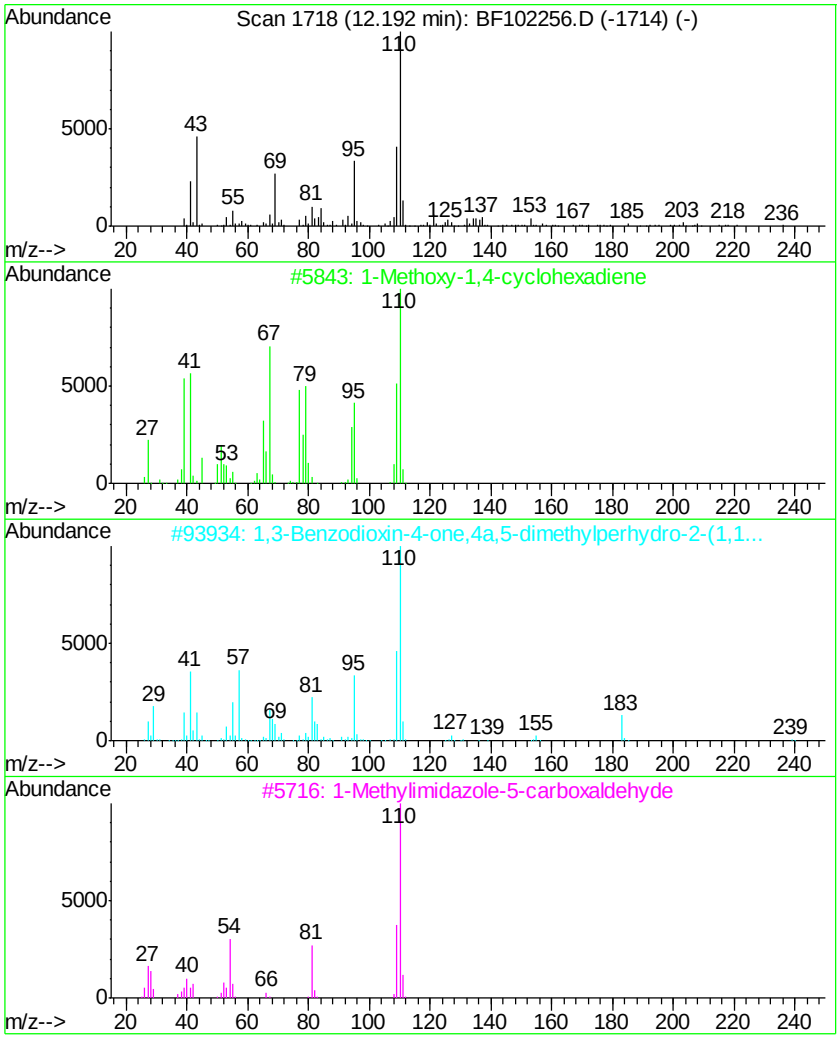
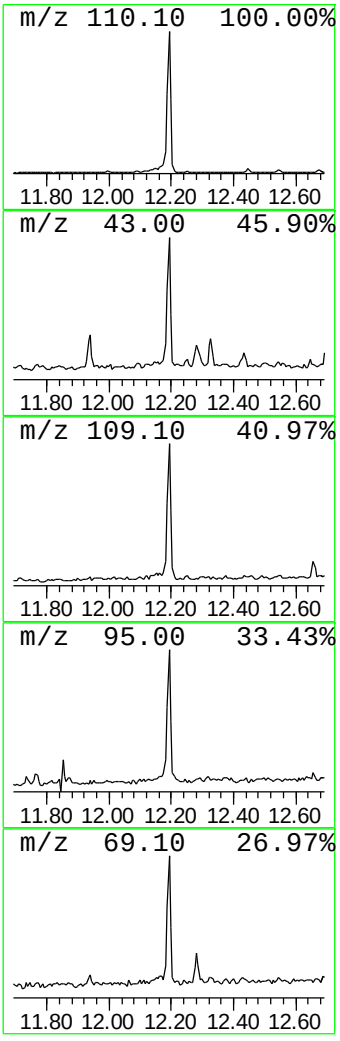
Peak Number 10 1-Methoxy-1,4-cyclohexadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.84 ng	313220	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-1,4-cyclohexadiene	110	C7H10O	002886-59-1	64
2	1,3-Benzodioxin-4-one,4a,5-dimet...	240	C14H24O3	1000197-45-5	56
3	1-Methylimidazole-5-carboxaldehyde	110	C5H6N2O	039021-62-0	53
4	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	47
5	Tricyclo[3.3.1.1(3,7)]decane-1-c...	367	C17H22BrNOS	1000320-04-3	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : SB-57-0-2.0-DUP

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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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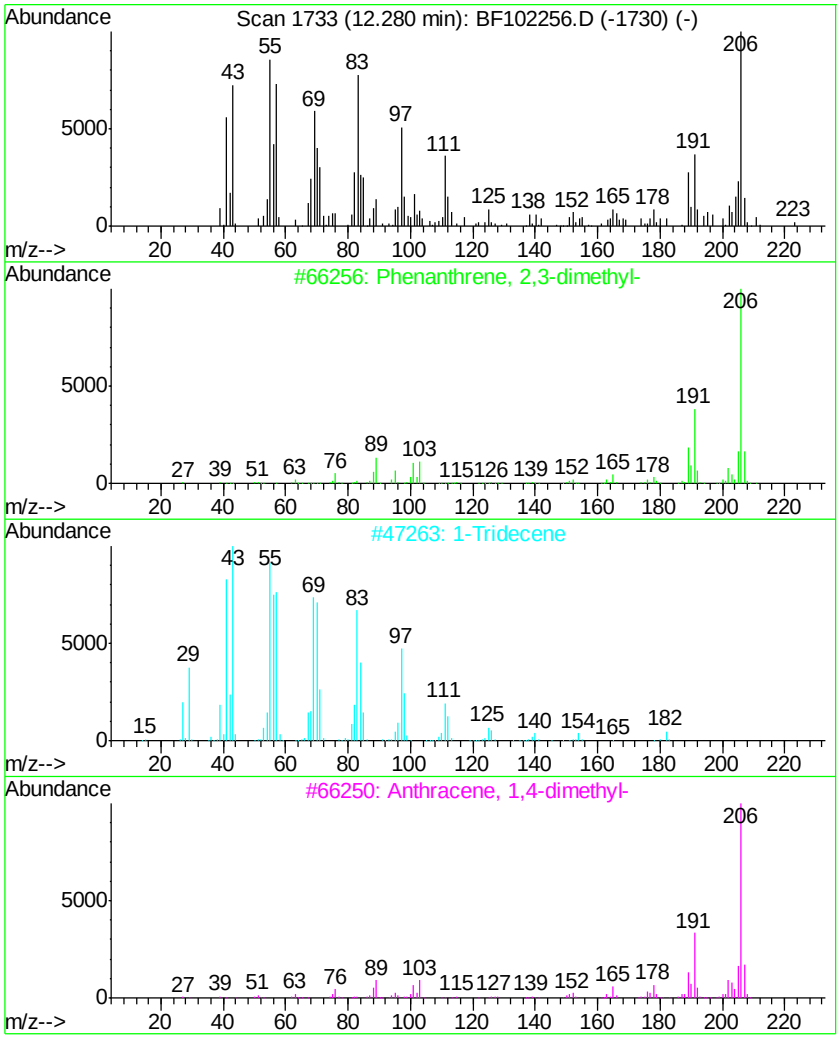
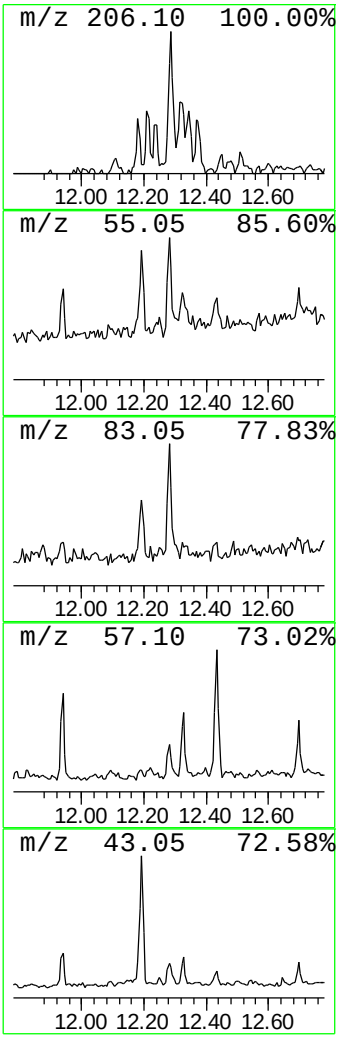
Peak Number 11 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.79 ng	149441	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
2	1-Tridecene	182	C13H26	002437-56-1	60
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	1-Hexadecanol	242	C16H34O	036653-82-4	55





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Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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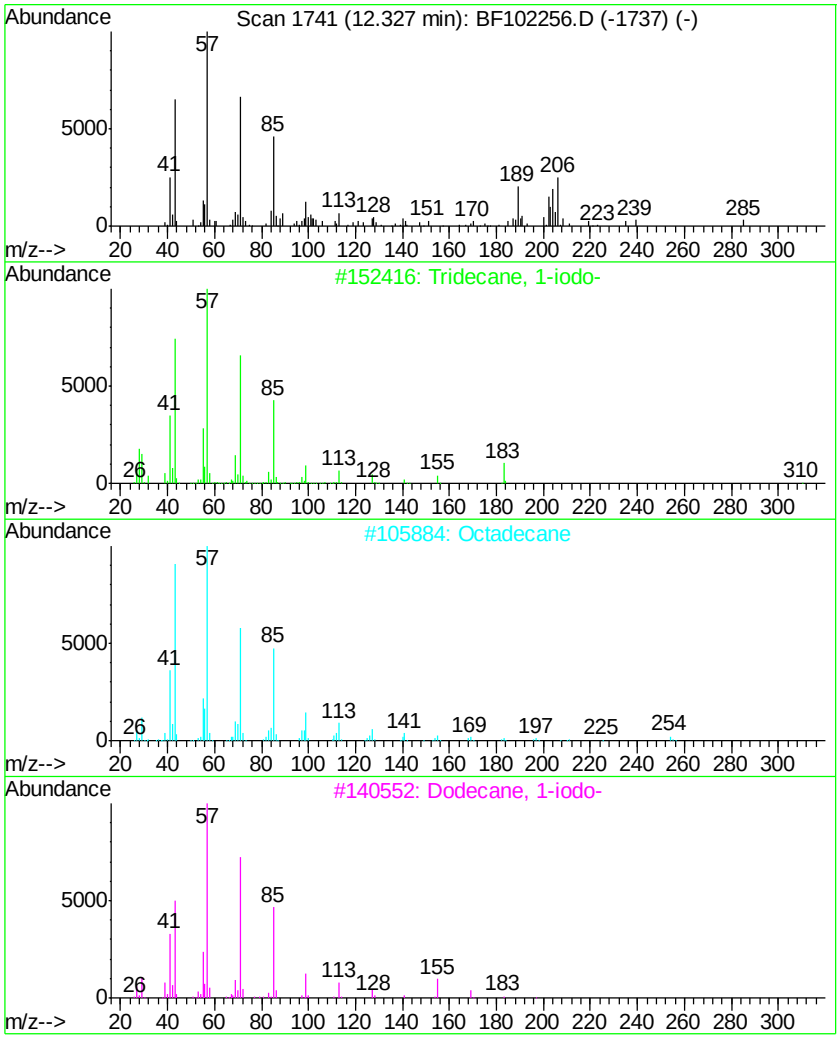
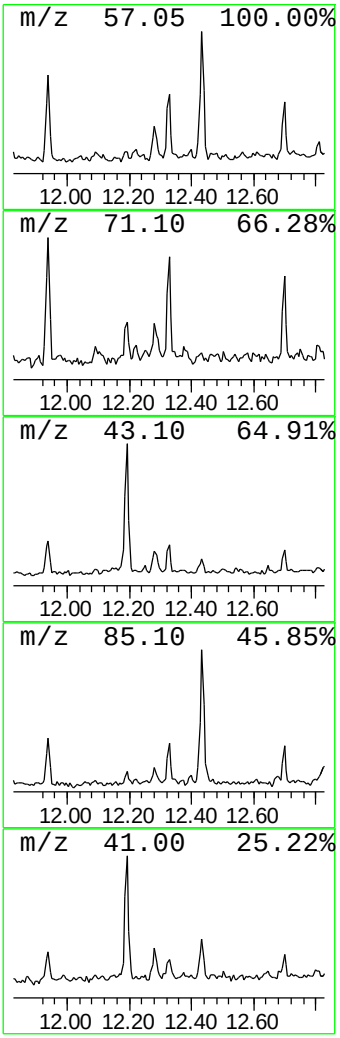
Peak Number 12 unknown12.33 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.24 ng	119940	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
2	Octadecane	254	C18H38	000593-45-3	43
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
4	Succinic acid, pentadecyl tetrah...	412	C24H44O5	1000329-87-1	35
5	Pentadecane	212	C15H32	000629-62-9	27





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Sample : J1168-08
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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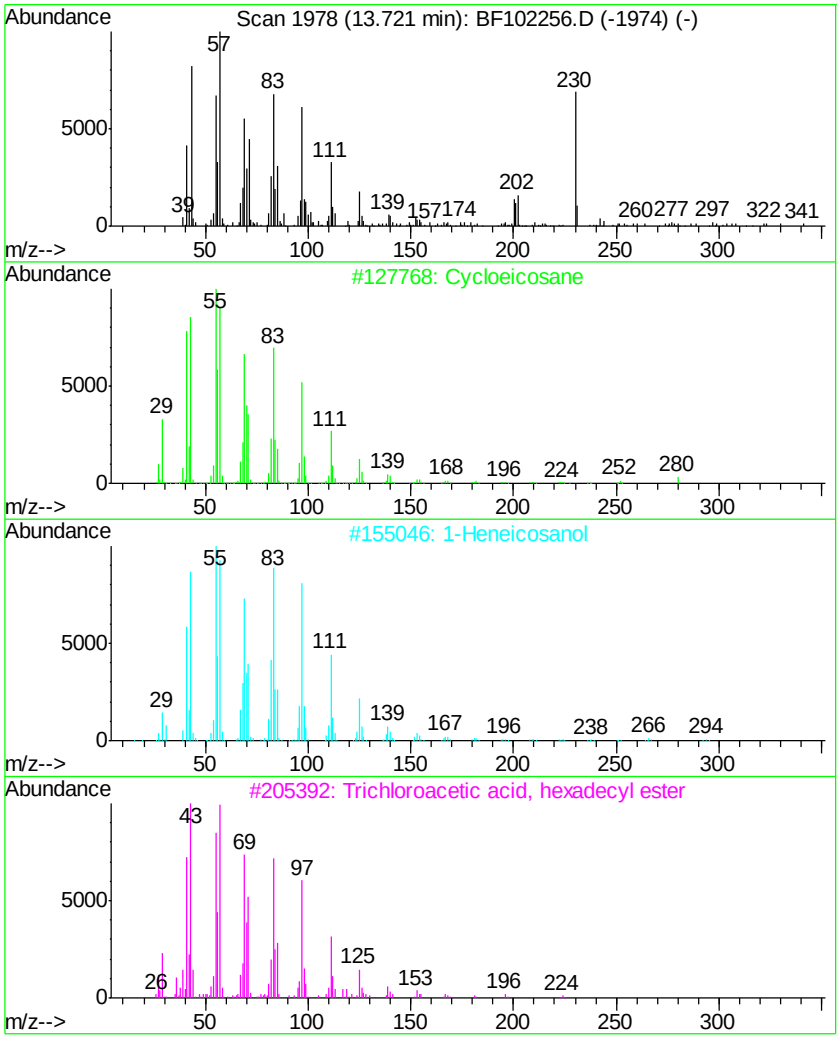
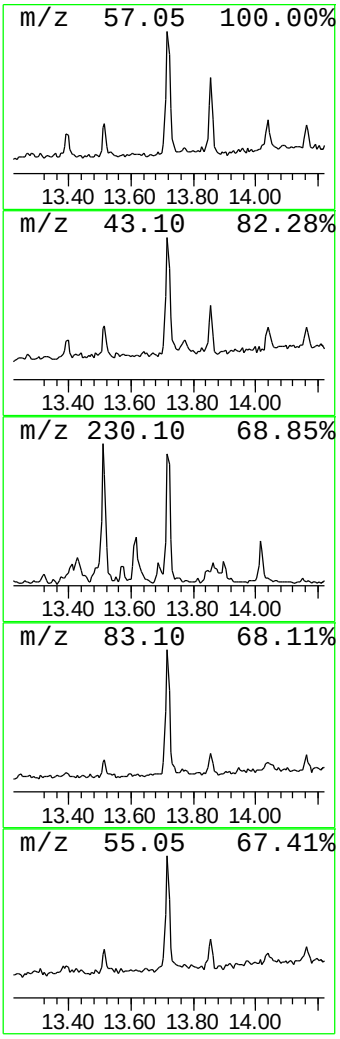
Peak Number 13 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.33 ng	370092	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	1-Tricosene	322	C23H46	018835-32-0	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





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Acq On : 20 Jan 2018 10:55
Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

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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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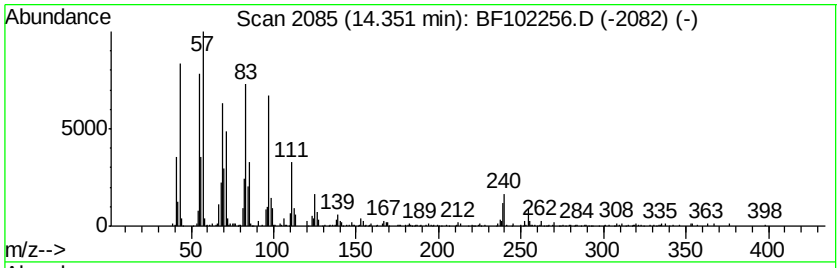
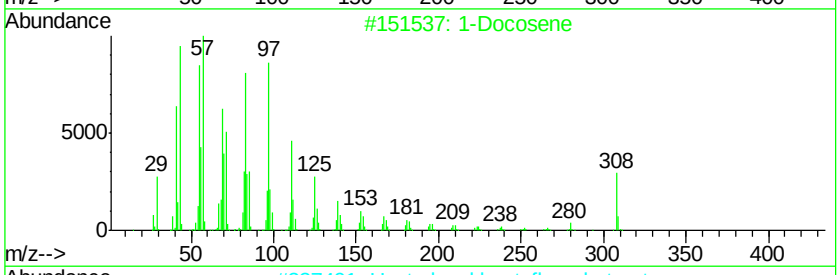
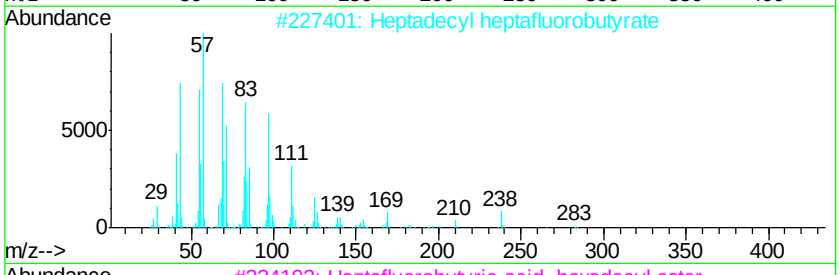
Peak Number 14 1-Docosene Concentration Rank 9

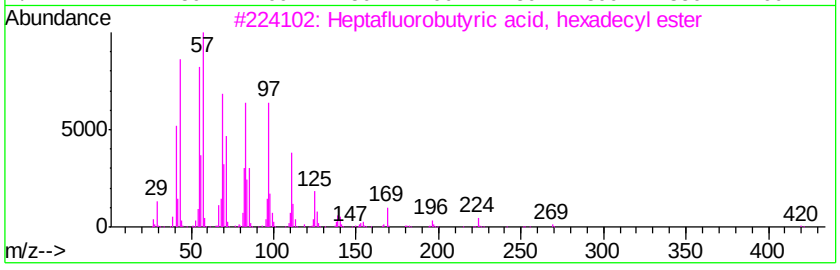
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.84 ng	336472	Chrysene-d12	13.87

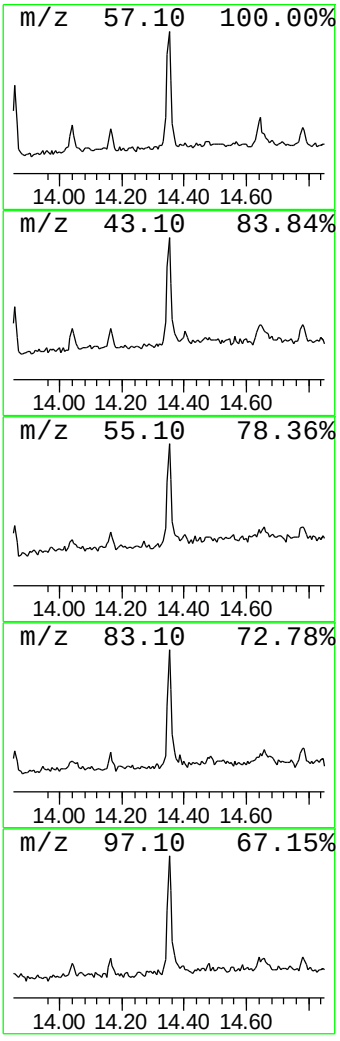
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87











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Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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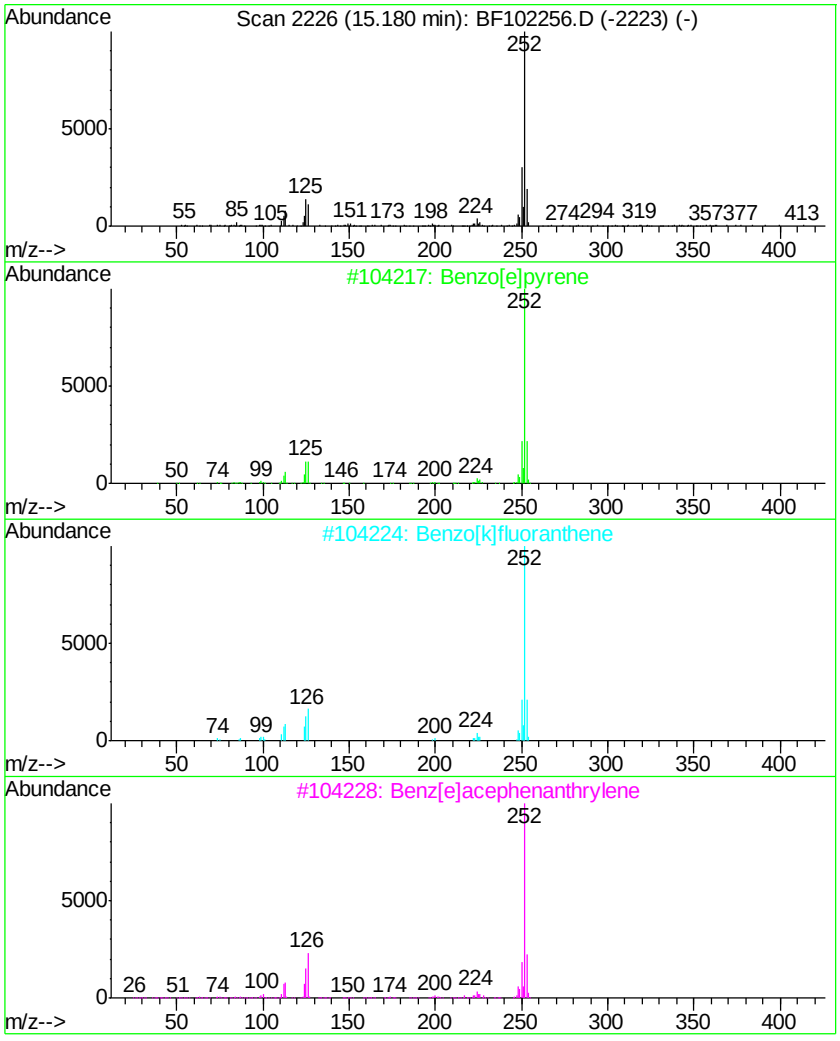
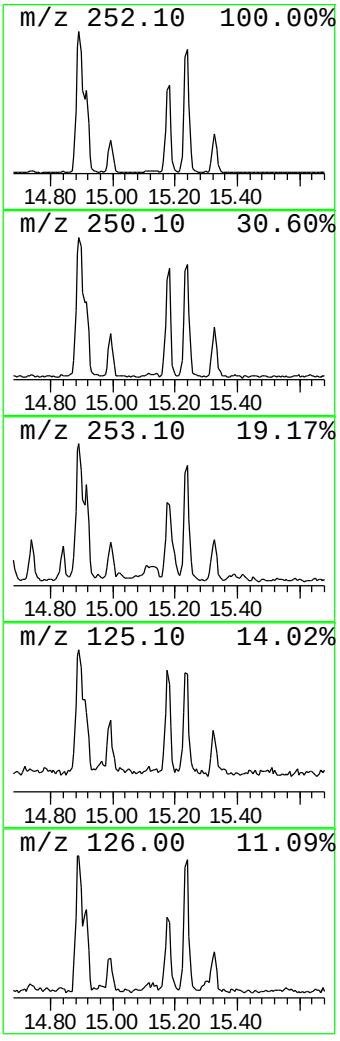
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.34 ng	235168	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Acq On : 20 Jan 2018 10:55
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Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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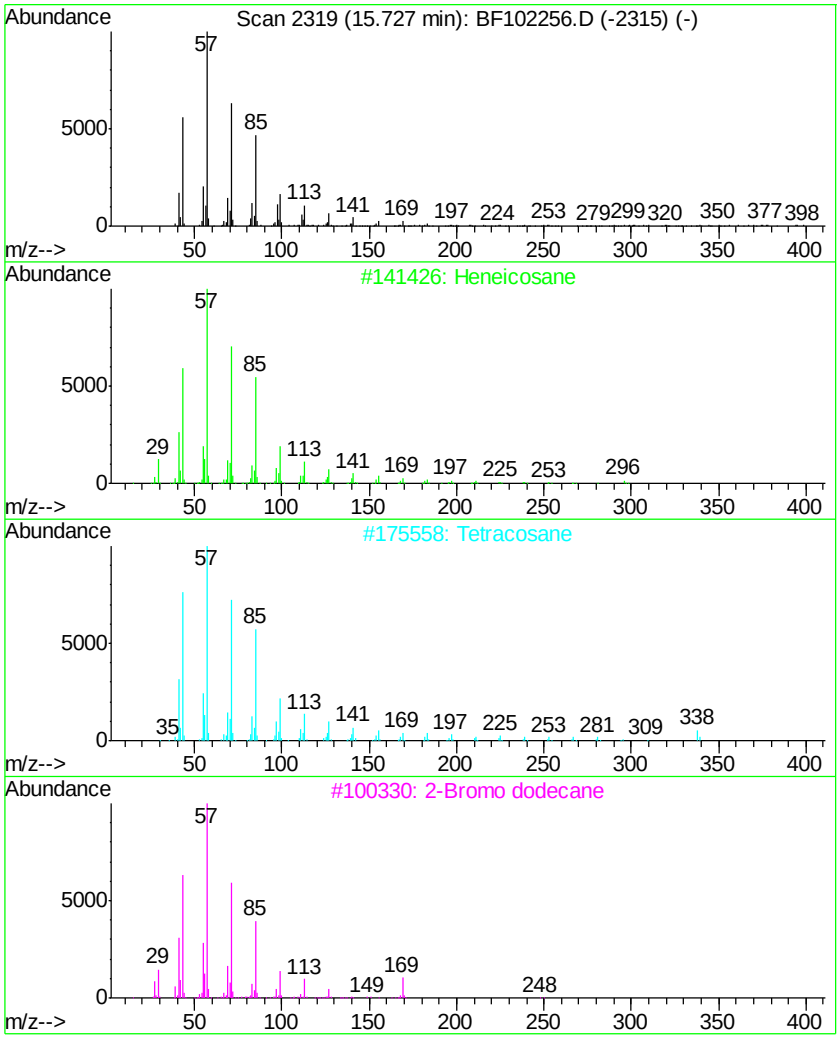
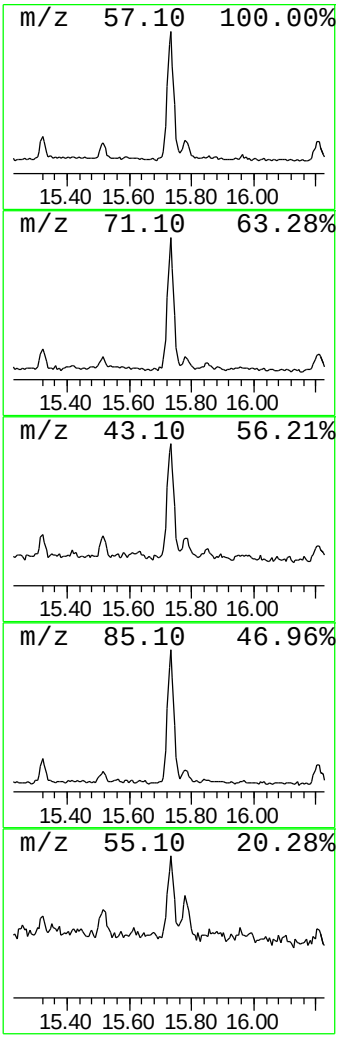
Peak Number 17 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	13.35 ng	494858	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetracosane	338	C24H50	000646-31-1	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

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Data File : BF102256.D
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Operator : SJ/JU
Sample : J1168-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57-0-2.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.92	5.7	ng	253011	1	6.72	887082	20.0
unknown6.49	6.49	70.7	ng	3137100	1	6.72	887082	20.0
p-Cymene	6.79	4.5	ng	197395	1	6.72	887082	20.0
unknown9.41	9.41	2.1	ng	135903	3	9.75	1308330	20.0
Benzophenone	10.47	2.5	ng	165168	3	9.75	1308330	20.0
Dodecane, 2-methyl-	10.66	2.9	ng	153967	4	11.24	1072770	20.0
5H-Indeno[1,2-b]p...	11.47	2.3	ng	124059	4	11.24	1072770	20.0
4H-Cyclopenta[def...	11.85	2.3	ng	125407	4	11.24	1072770	20.0
1-Methoxy-1,4-cyc...	12.19	5.8	ng	313220	4	11.24	1072770	20.0
Phenanthrene, 2,3...	12.28	2.8	ng	149441	4	11.24	1072770	20.0
unknown12.33	12.33	2.2	ng	119940	4	11.24	1072770	20.0
Cycloeicosane	13.72	5.3	ng	370092	5	13.87	1389870	20.0
1-Docosene	14.35	4.8	ng	336472	5	13.87	1389870	20.0
Benzo[e]pyrene	15.18	6.3	ng	235168	6	15.30	741327	20.0
Heneicosane	15.73	13.4	ng	494858	6	15.30	741327	20.0