LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

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-BF022218.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	2.122	3	6	14	rVB	231205	292664	8.76%	0.892%
2	5.104	510	513	527	rVB	86216	115005	3.44%	0.350%
3	5.498	575	580	593	rBV	3243230	3341989	100.00%	10.183%
4	6.510	747	752	771	rBV	3006474	3279207	98.12%	9.992%
5	6.645	771	775	778	rBV	3375819	3201120	95.78%	9.754%
6	6.875	810	814	817	rBV	964655	878353	26.28%	2.676%
7	7.028	836	840	844	rBV	2624851	2422728	72.49%	7.382%
8	7.439	905	910	913	rBV	2184009	2089241	62.51%	6.366%
9	7.528	921	925	935	rVB3	32447	58208	1.74%	0.177%
10	8.157	1028	1032	1052	rVB	1255185	1192979	35.70%	3.635%
11	8.869	1150	1153	1159	rVB	43173	42617	1.28%	0.130%
12	8.969	1165	1170	1176	rVB	79015	74549	2.23%	0.227%
13	9.227	1210	1214	1218	rBV	3049497	2895336	86.64%	8.822%
14	9.298	1224	1226	1229	rVB	47645	37838	1.13%	0.115%
15	9.498	1255	1260	1264	rBV	63206	91550	2.74%	0.279%
16	9.569	1268	1272	1275	rVV	123981	139063	4.16%	0.424%
17	9.598	1275	1277	1278	rVV	77632	66118	1.98%	0.201%
18	9.622	1278	1281	1288	rVV	365062	361114	10.81%	1.100%
19	9.686	1288	1292	1294	rVV2	59863	65435	1.96%	0.199%
20	9.704	1294	1295	1301	rVB3	40381	33882	1.01%	0.103%
21	9.775	1303	1307	1310	rBV	99368	100825	3.02%	0.307%
22	9.827	1312	1316	1319	rBV	107795	92510	2.77%	0.282%
23	9.910	1327	1330	1334	rBV2	1200665	1079164	32.29%	3.288%
24	9.945	1334	1336	1339	rVB	89548	72743	2.18%	0.222%
25	10.016	1343	1348	1352	rBV3	32285	50035	1.50%	0.152%
26	10.116	1361	1365	1368	rVB2	81429	89672	2.68%	0.273%
27	10.151	1368	1371	1375	rVB	89586	77195	2.31%	0.235%
28	10.227	1380	1384	1386	rBV	68595	73157	2.19%	0.223%
29	10.257	1386	1389	1394	rVB2	46473	54005	1.62%	0.165%
30	10.304	1394	1397	1399	rBV	101744	105067	3.14%	0.320%
31	10.327	1399	1401	1405	rVB	149087	134822	4.03%	0.411%
32	10.463	1420	1424	1430	rVB2	123755	142295	4.26%	0.434%
33	10.545	1430	1438	1441	rBV4	55163	98786	2.96%	0.301%
34	10.616	1445	1450	1457	rVV8	29481	68828	2.06%	0.210%

LSC Area Percent Report

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Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.704	1461	1465	1475	rVV	1587631	1621042	48.51%	4.939%
36	10.804	1479	1482	1491	rVB2	136026	204854	6.13%	0.624%
37	11.010	1512	1517	1519	rBV3	71865	103759	3.10%	0.316%
38	11.033	1519	1521	1524	rVV	47660	46661	1.40%	0.142%
39	11.092	1528	1531	1534	rVB	48270	45997	1.38%	0.140%
40	11.127	1534	1537	1541	rBV4	23579	45335	1.36%	0.138%
41	11.251	1555	1558	1561	rBV2	107495	93731	2.80%	0.286%
42	11.298	1564	1566	1569	rVB	59335	53528	1.60%	0.163%
43	11.404	1580	1584	1586	rBV	988579	880378	26.34%	2.683%
44	11.427	1586	1588	1594	rVB	436682	363844	10.89%	1.109%
45	11.480	1594	1597	1599	rBV	103440	82454	2.47%	0.251%
46	11.563	1608	1611	1615	rBV4	24419	39716	1.19%	0.121%
47	11.674	1628	1630	1633	rBV	65936	61805	1.85%	0.188%
48	11.733	1637	1640	1645	rVB	61163	65013	1.95%	0.198%
49	11.904	1666	1669	1672	rBV	169550	213682	6.39%	0.651%
50	11.933	1672	1674	1678	rVV	223223	183277	5.48%	0.558%
51	11.980	1679	1682	1685	rVV	53985	57215	1.71%	0.174%
52	12.016	1685	1688	1691	rVV2	209200	247568	7.41%	0.754%
53	12.039	1691	1692	1697	rVB	135884	98439	2.95%	0.300%
54	12.086	1697	1700	1702	rBV	73484	60621	1.81%	0.185%
55	12.198	1716	1719	1721	rBV	66310	57714	1.73%	0.176%
56	12.233	1723	1725	1729	rVB3	53570	49274	1.47%	0.150%
57	12.380	1748	1750	1752	rBV	49728	37436	1.12%	0.114%
58	12.404	1752	1754	1757	rVB2	45127	37322	1.12%	0.114%
59	12.433	1757	1759	1760	rBV2	49708	39660	1.19%	0.121%
60	12.457	1760	1763	1765	rVV	141905	137218	4.11%	0.418%
61	12.486	1765	1768	1771	rVV5	100040	126169	3.78%	0.384%
62	12.545	1775	1778	1781	rBV3	59110	88970	2.66%	0.271%
63	12.621	1787	1791	1795	rBV	391394	357179	10.69%	1.088%
64	12.663	1795	1798	1800	rBV3	38705	45509	1.36%	0.139%
65	12.851	1824	1830	1836	rBV	523247	601940	18.01%	1.834%
66	12.904	1836	1839	1842	rVB2	72661	74698	2.24%	0.228%
67	12.986	1849	1853	1861	rVB	1872888	1798485	53.81%	5.480%
68	13.063	1864	1866	1872	rBV3	54872	96966	2.90%	0.295%
69	13.245	1895	1897	1899	rVB	71610	50901	1.52%	0.155%
70	13.286	1901	1904	1907	rVB	92751	91961	2.75%	0.280%
71	13.374	1917	1919	1922	rBV	92132	73457	2.20%	0.224%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.410	1922	1925	1929	rBV	77819	101645	3.04%	0.310%
73	13.868	2001	2003	2007	rBV2	161373	163115	4.88%	0.497%
74	14.051	2030	2034	2037	rBV2	717914	828698	24.80%	2.525%
75	15.557	2286	2290	2294	rVB	348332	473703	14.17%	1.443%

Sum of corrected areas: 32819039

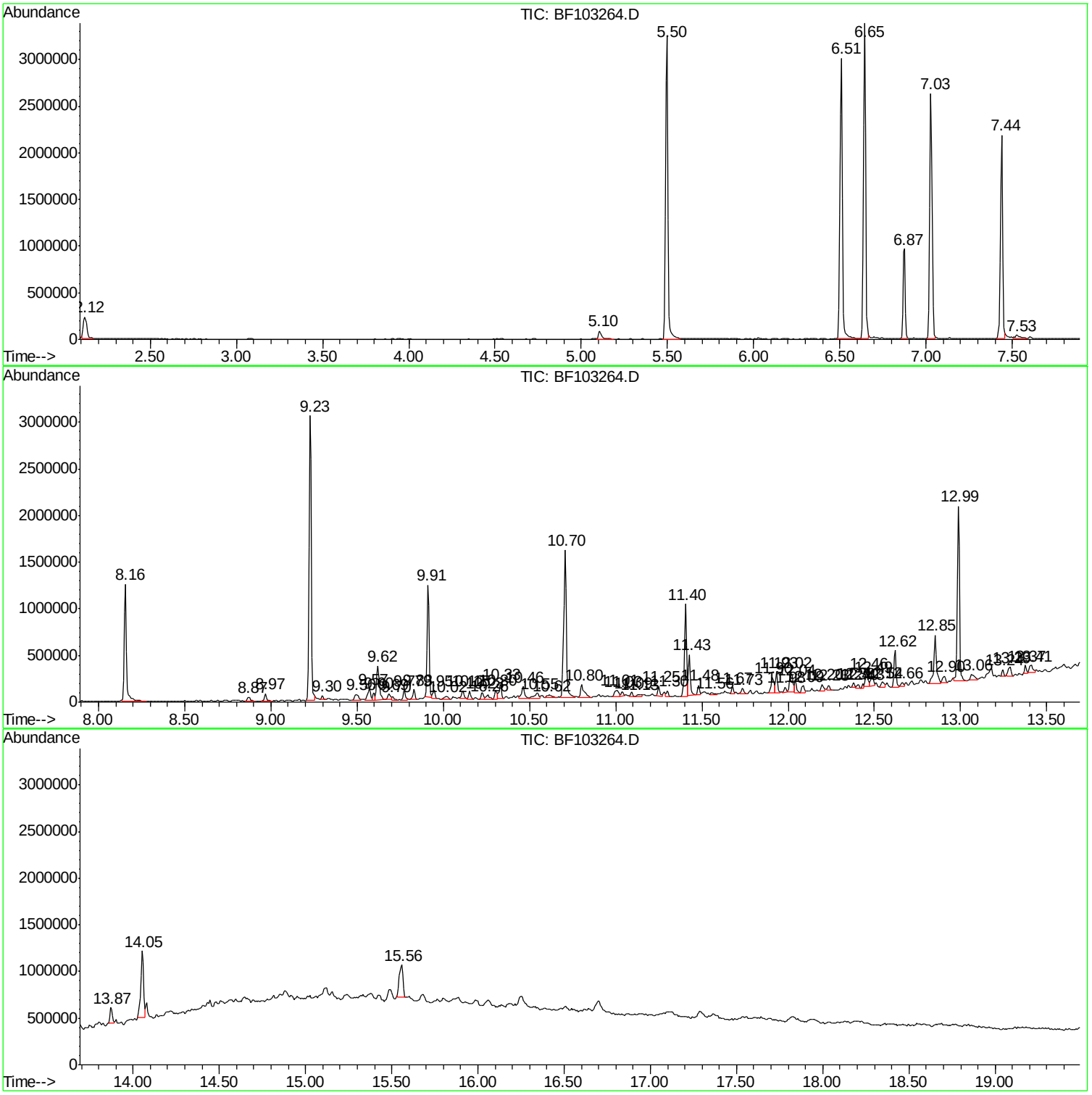
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

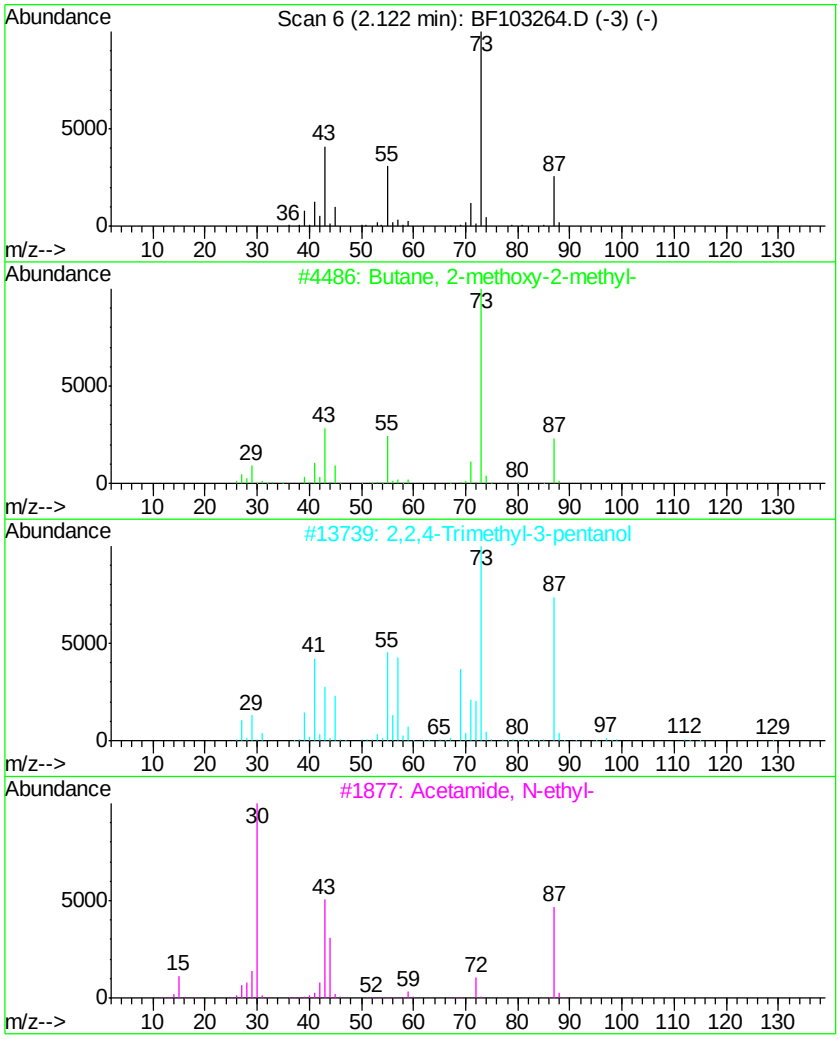
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

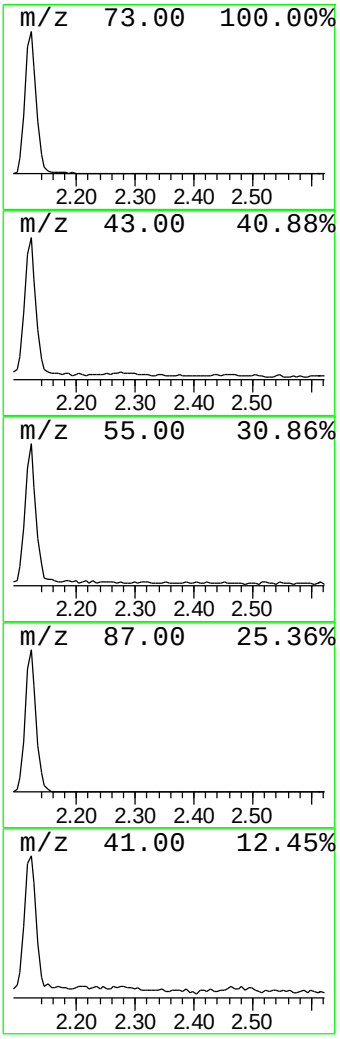
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.66 ng	292664	1,4-Dichlorobenzene-d4	6.87

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

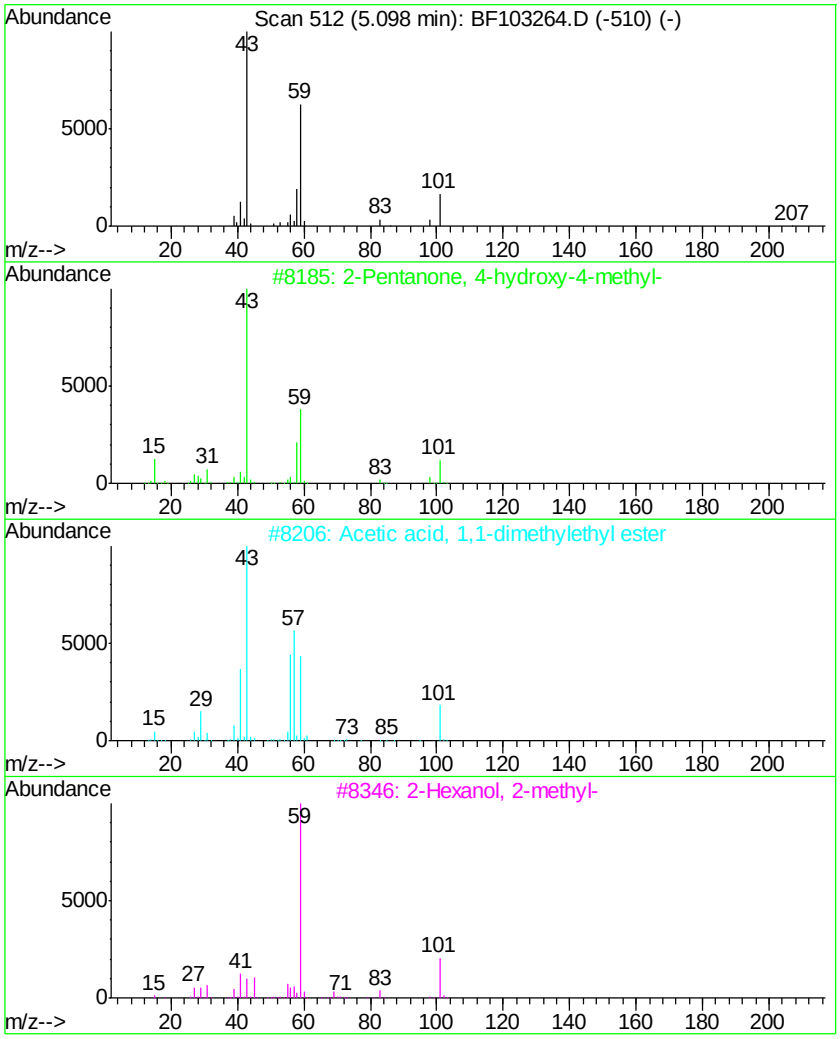
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

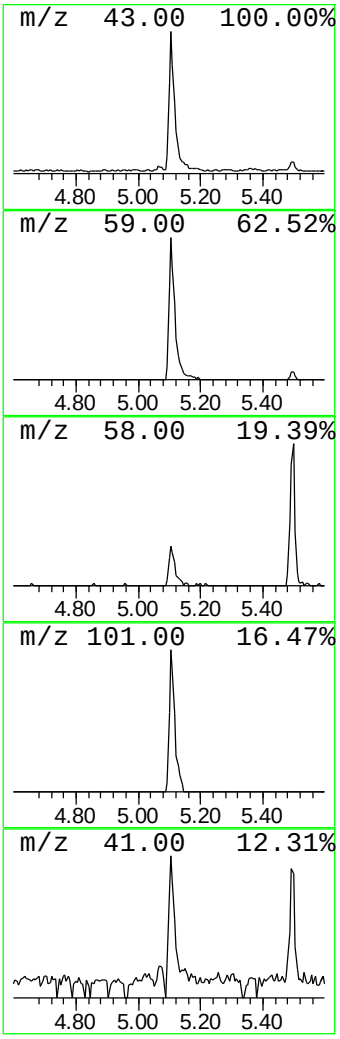
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.62 ng	115005	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

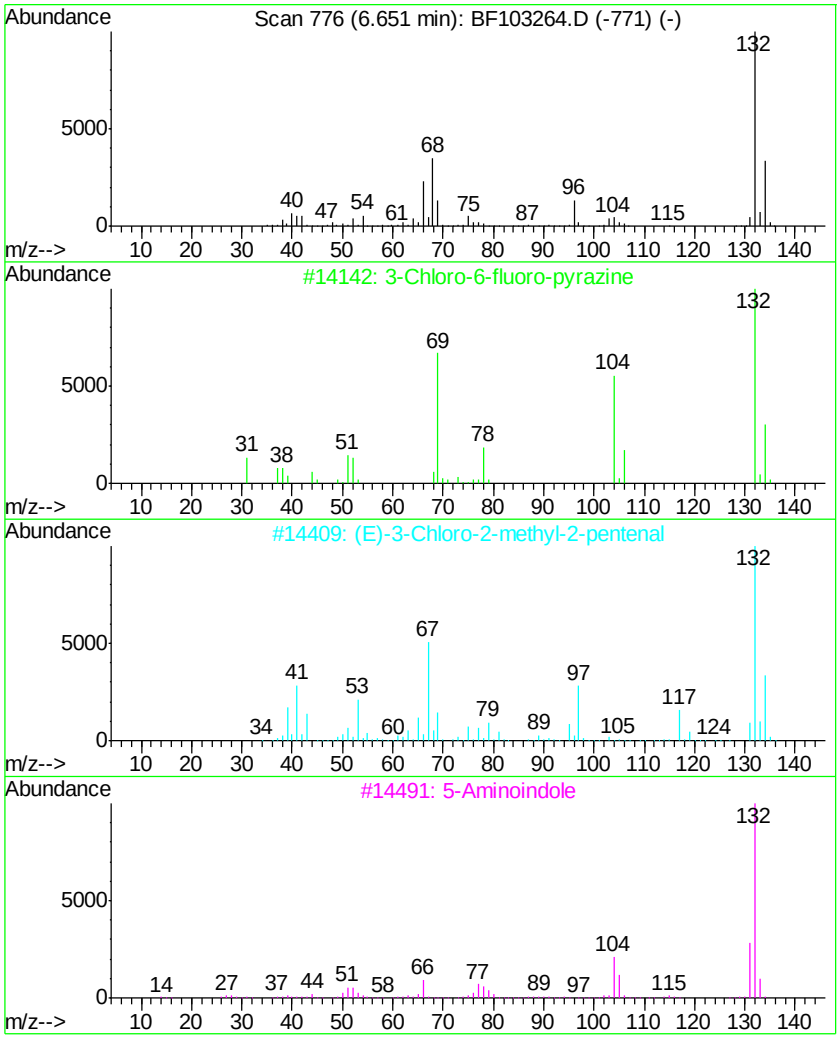
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

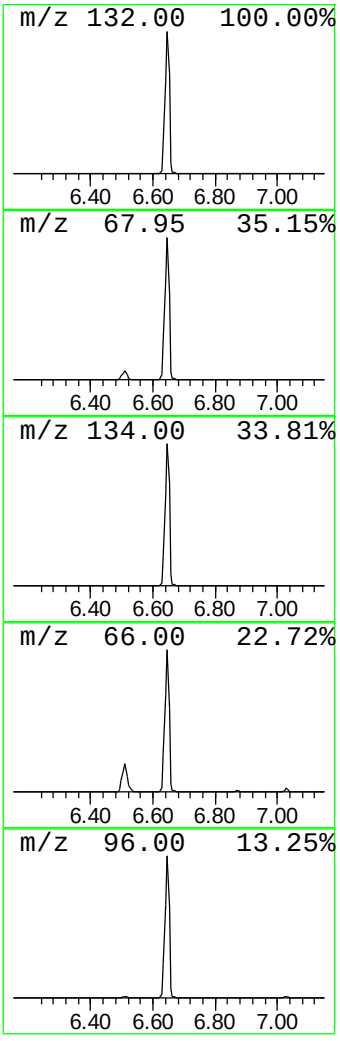
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.89 ng	3201120	1,4-Dichlorobenzene-d4	6.87

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

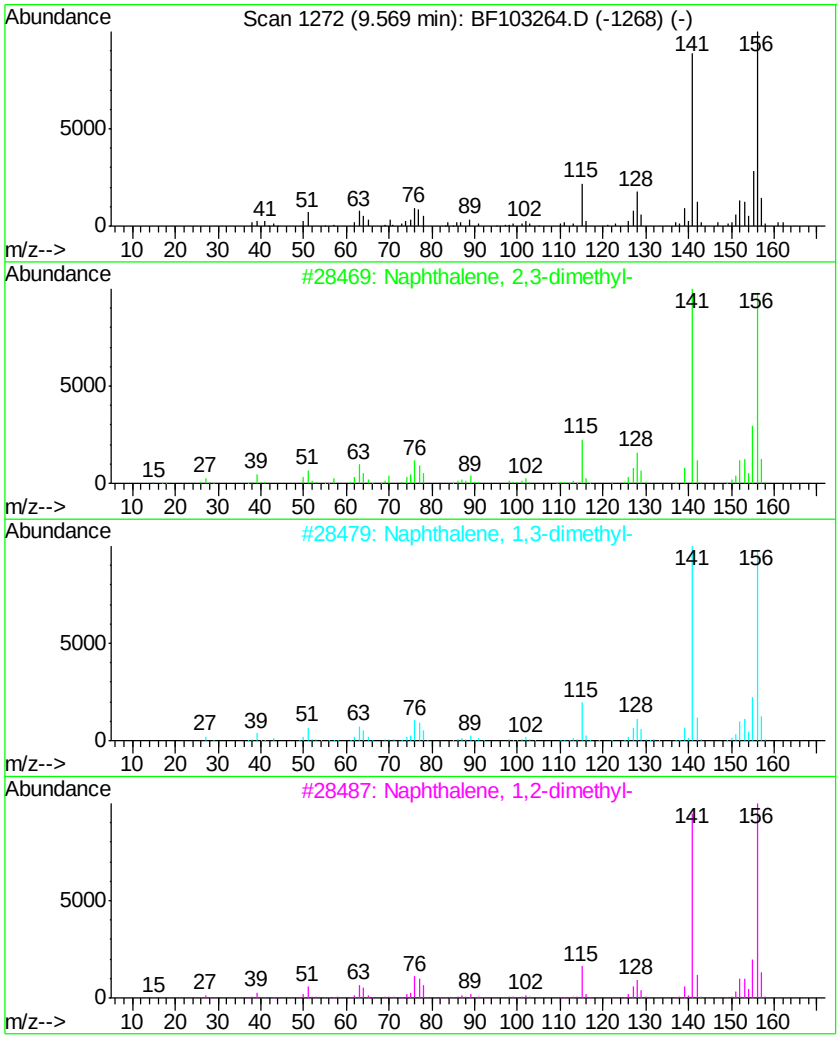
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

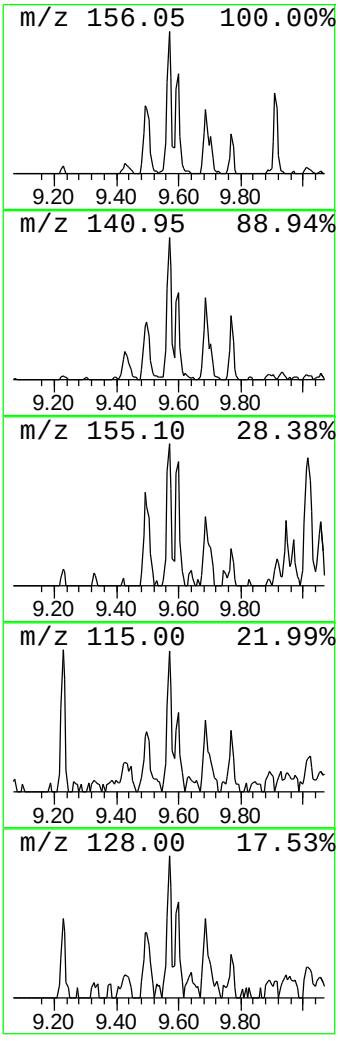
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.58 ng	139063	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

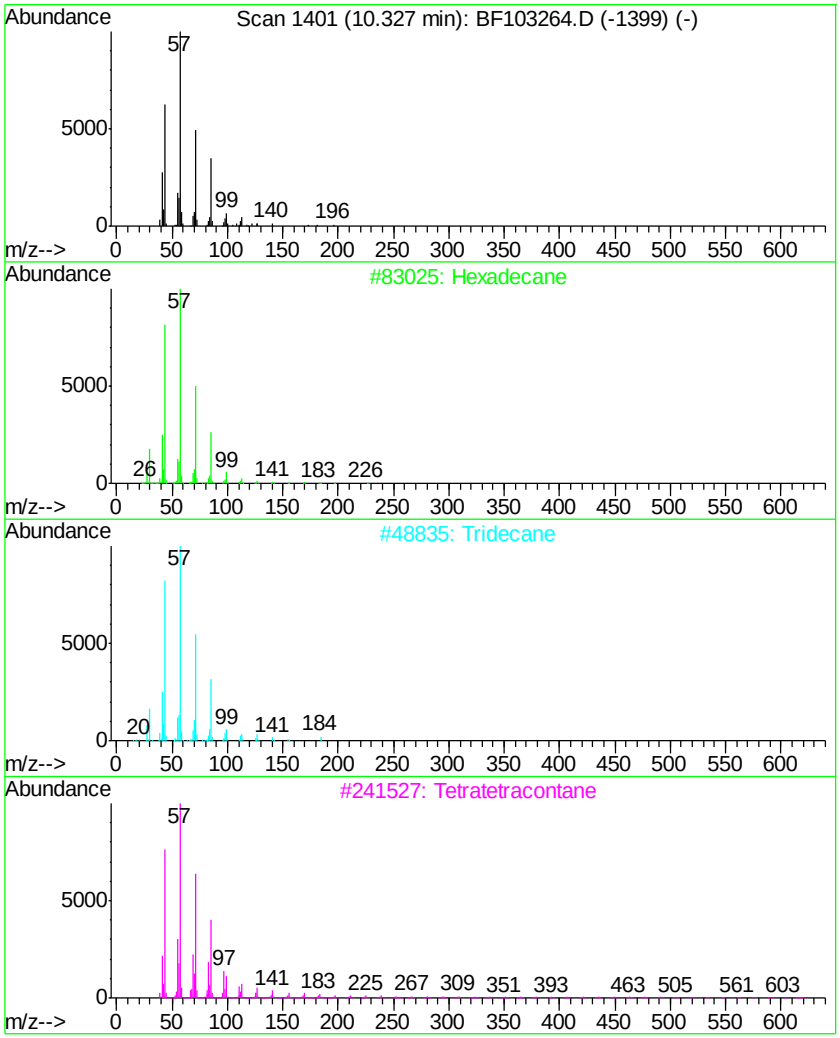
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

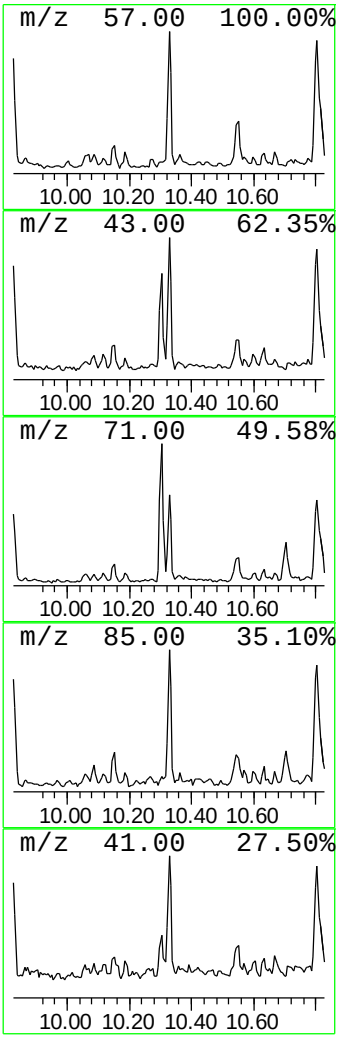
****

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.50 ng	134822	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	78
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

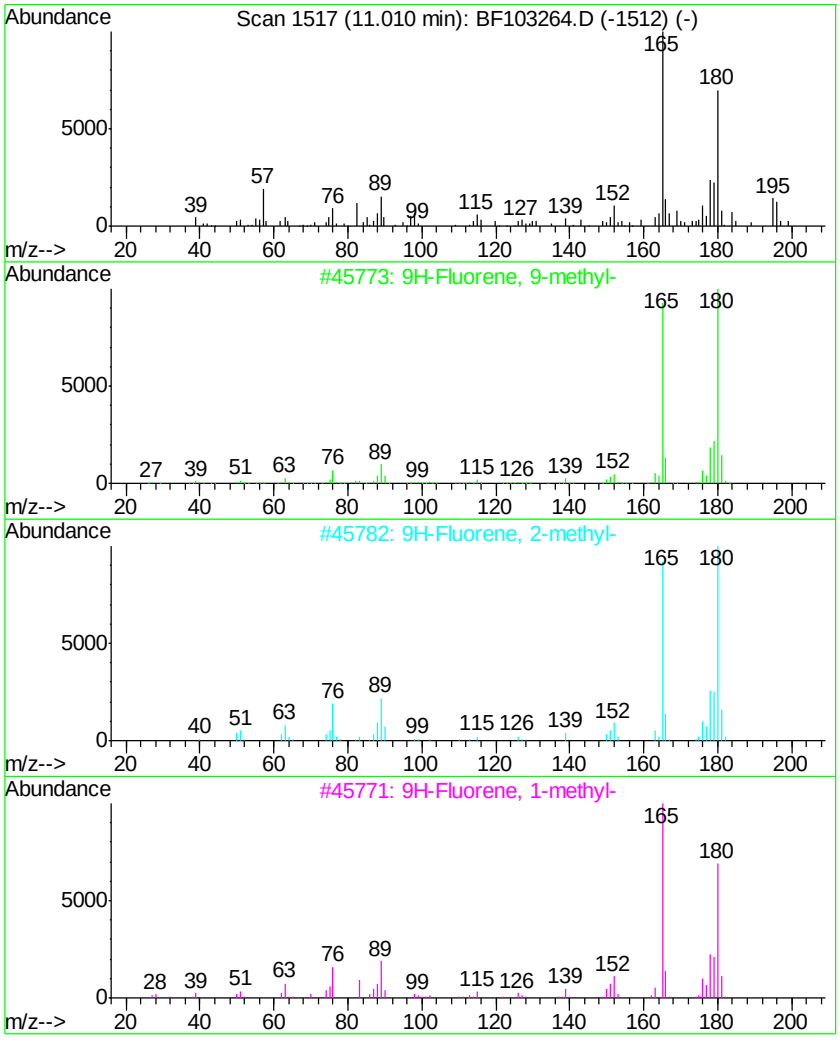
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

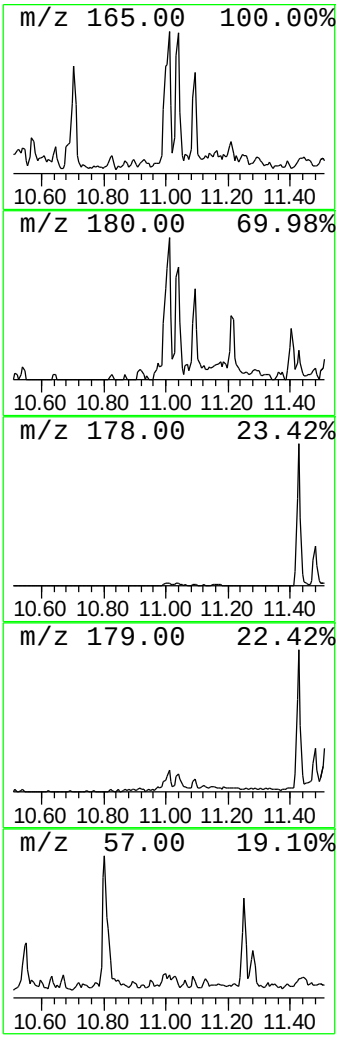
****

Peak Number 8 9H-Fluorene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.36 ng	103759	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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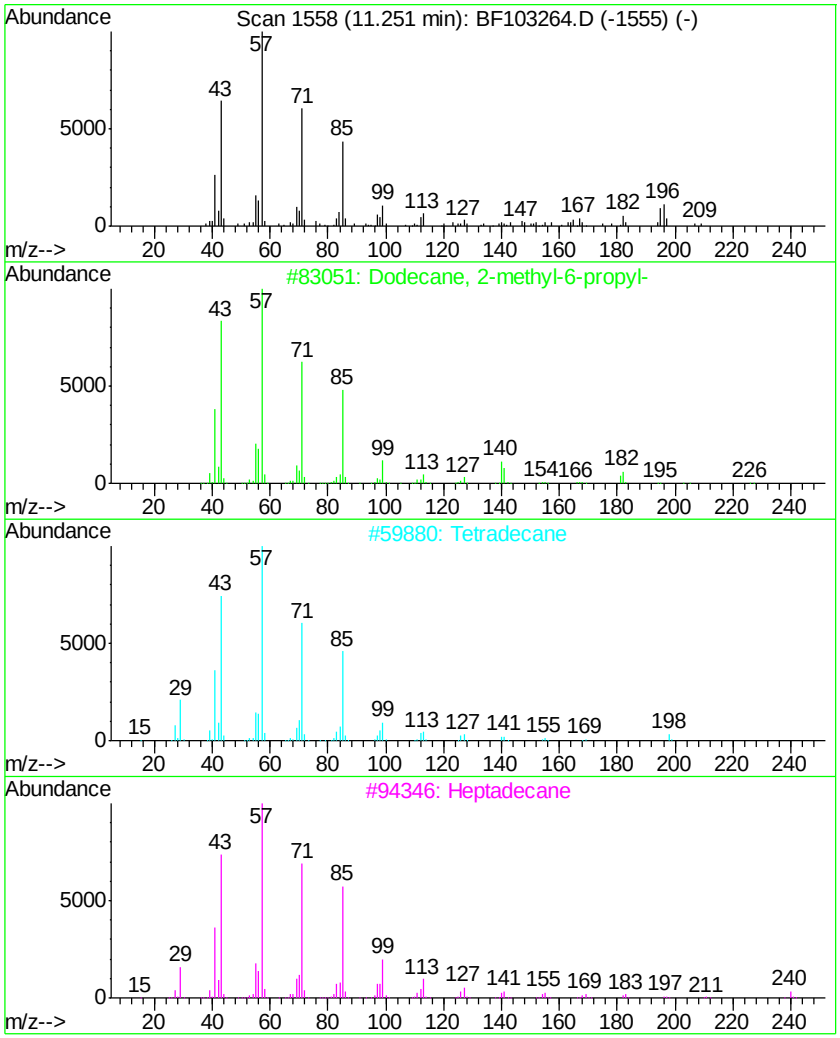
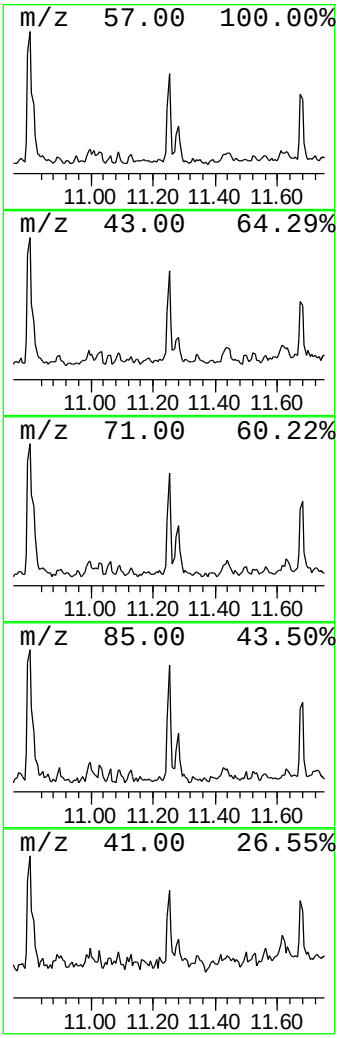
Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.13 ng	93731	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Tetradecane	198	C14H30	000629-59-4	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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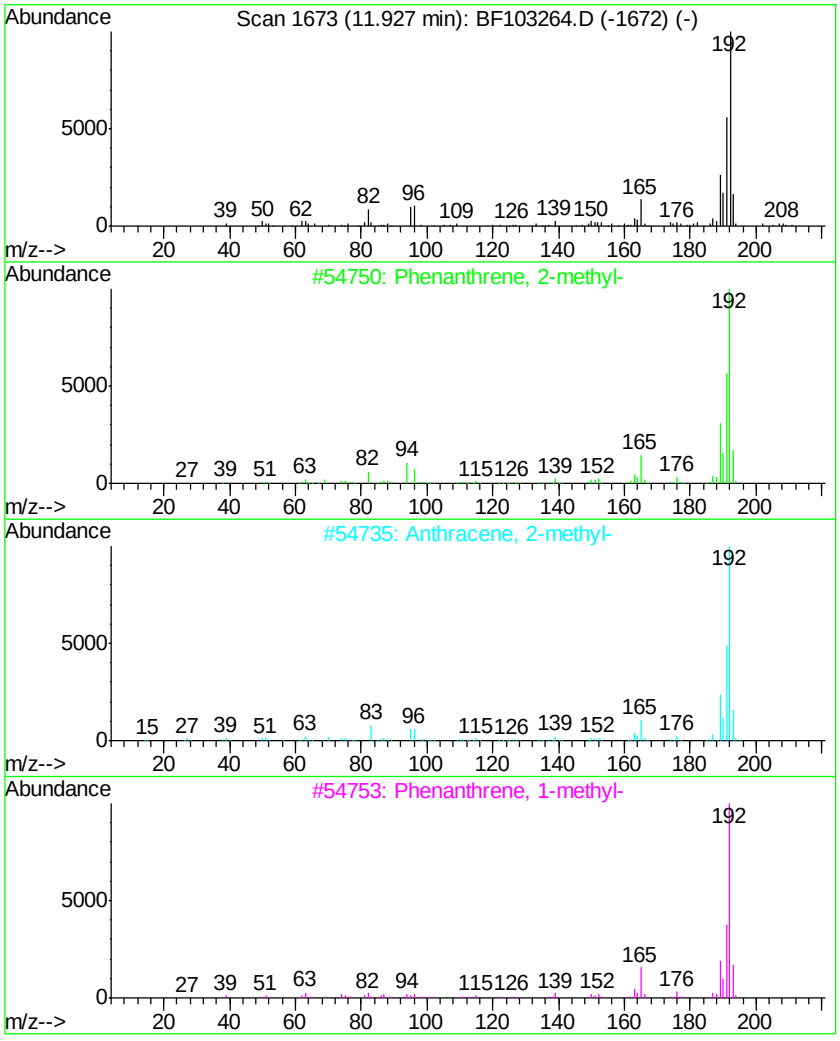
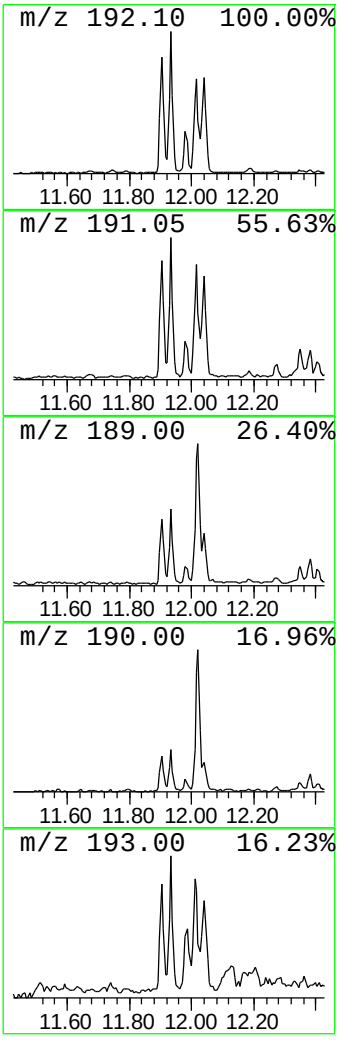
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.16 ng	183277	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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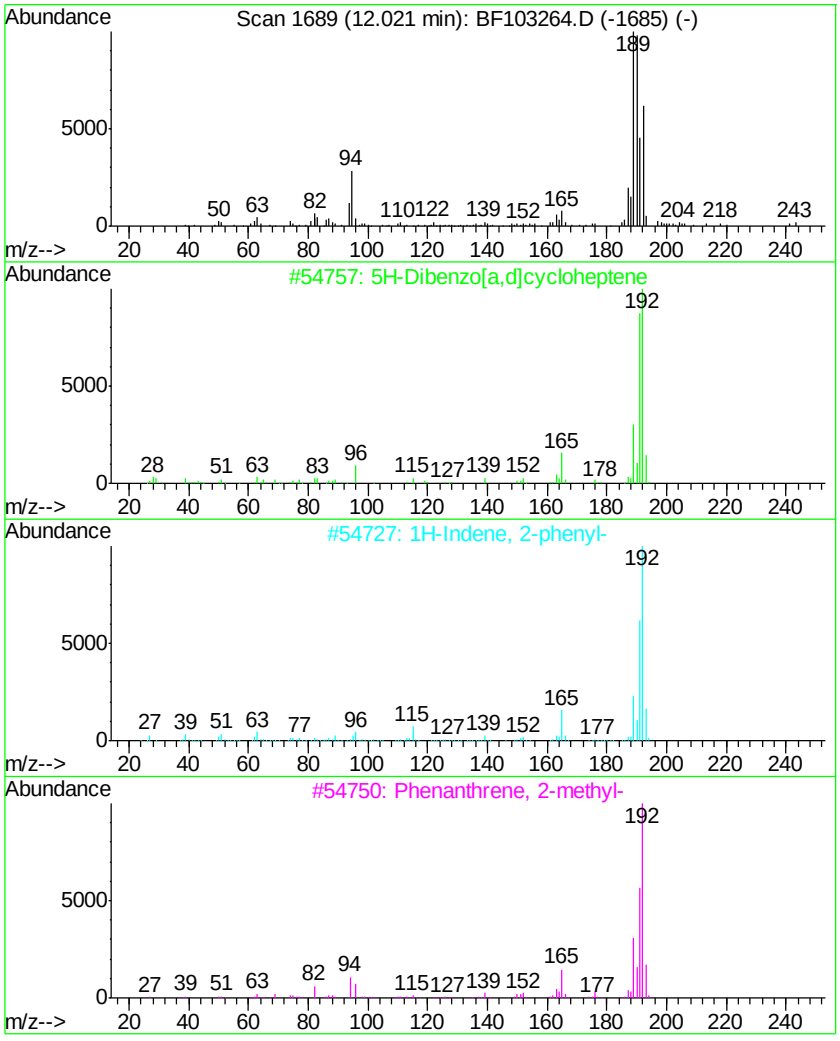
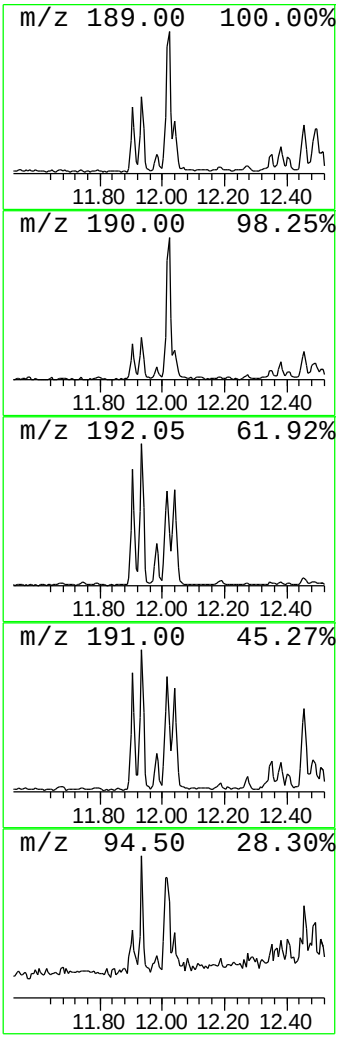
Peak Number 12 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.62 ng	247568	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46





Library Search Compound Report

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Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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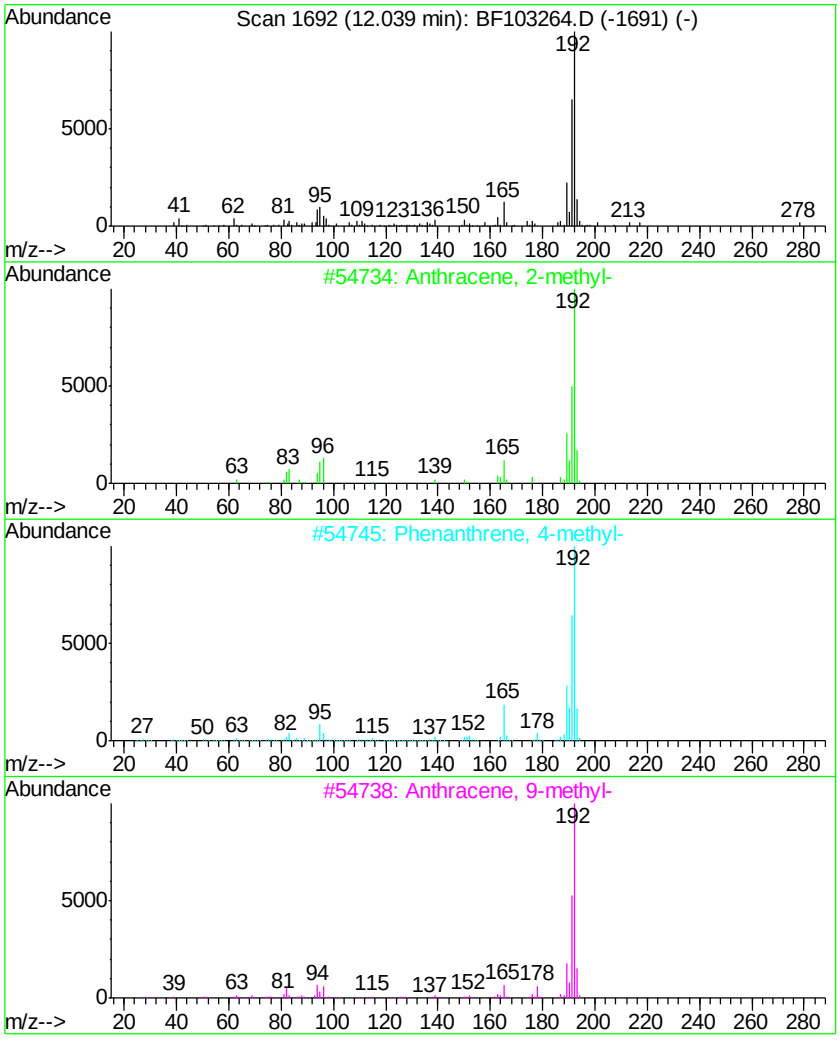
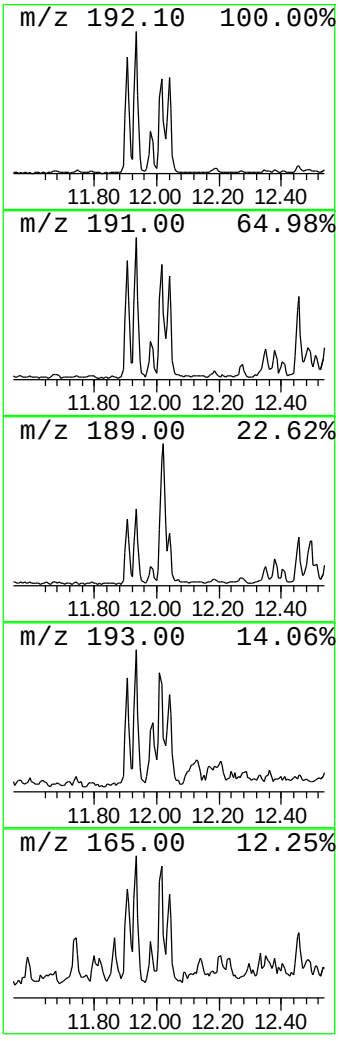
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.24 ng	98439	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





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Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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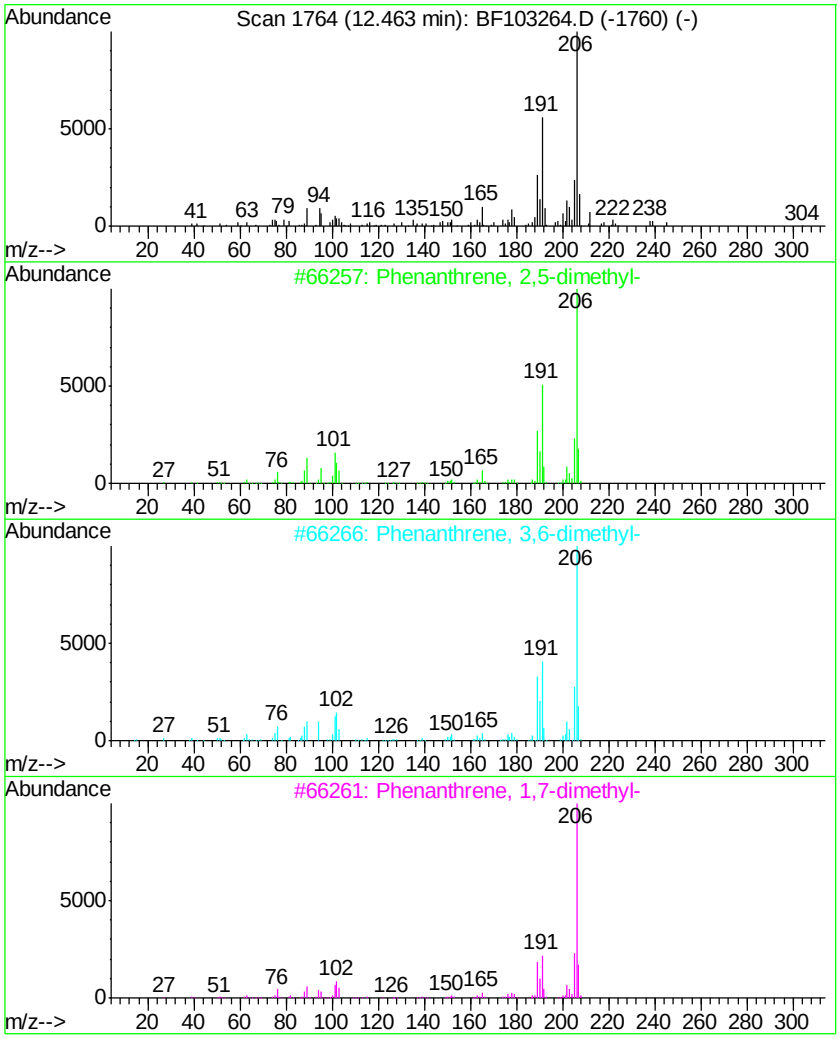
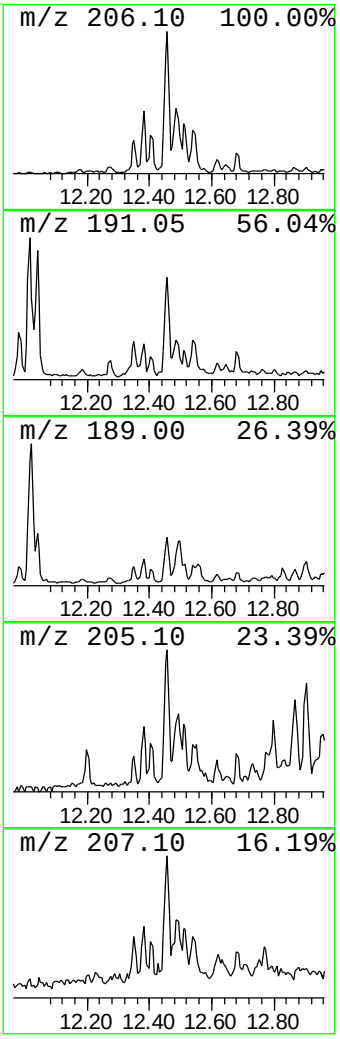
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.12 ng	137218	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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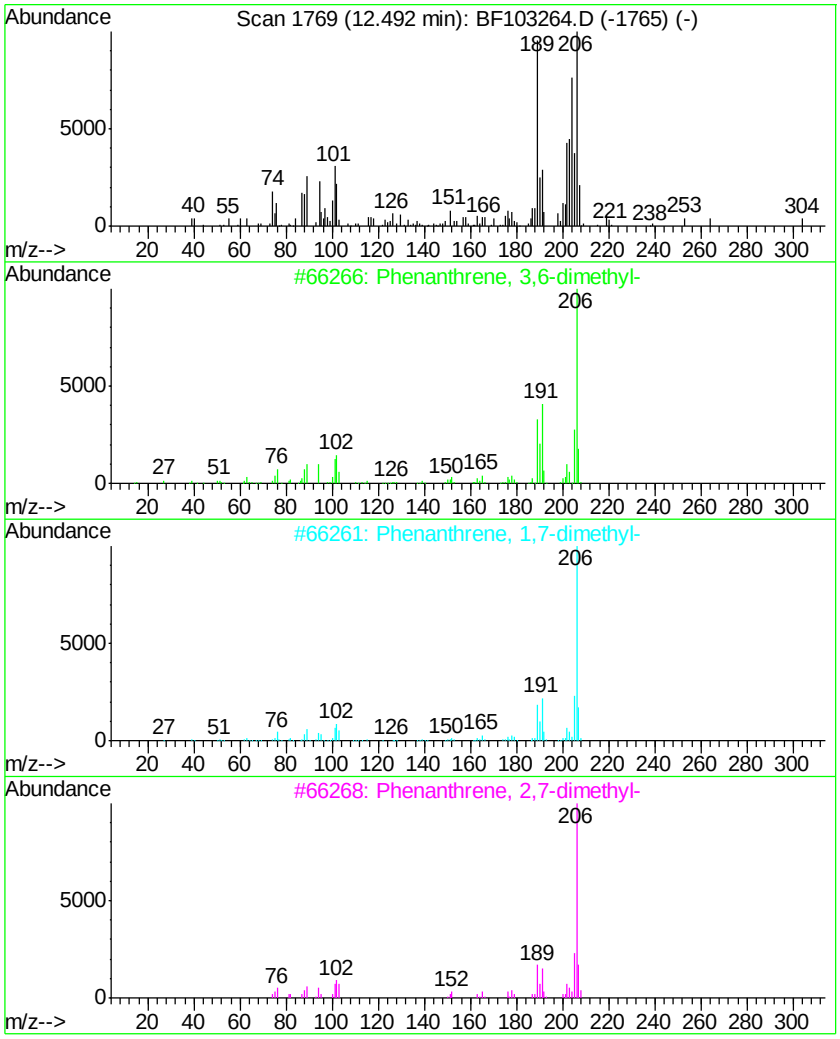
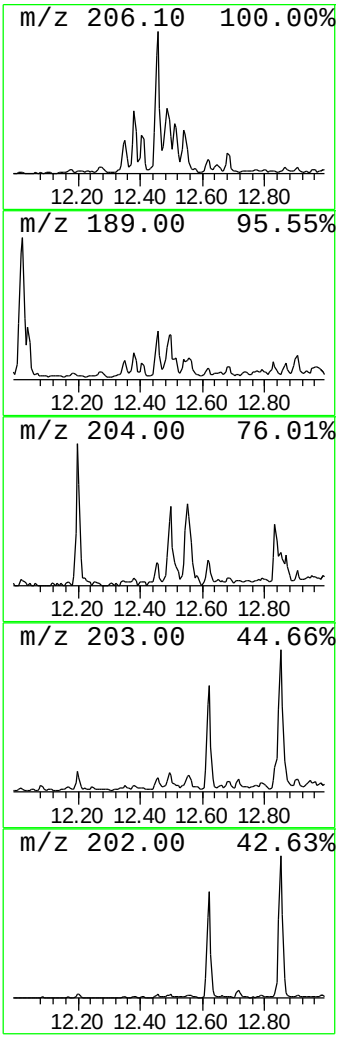
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.87 ng	126169	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	70





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Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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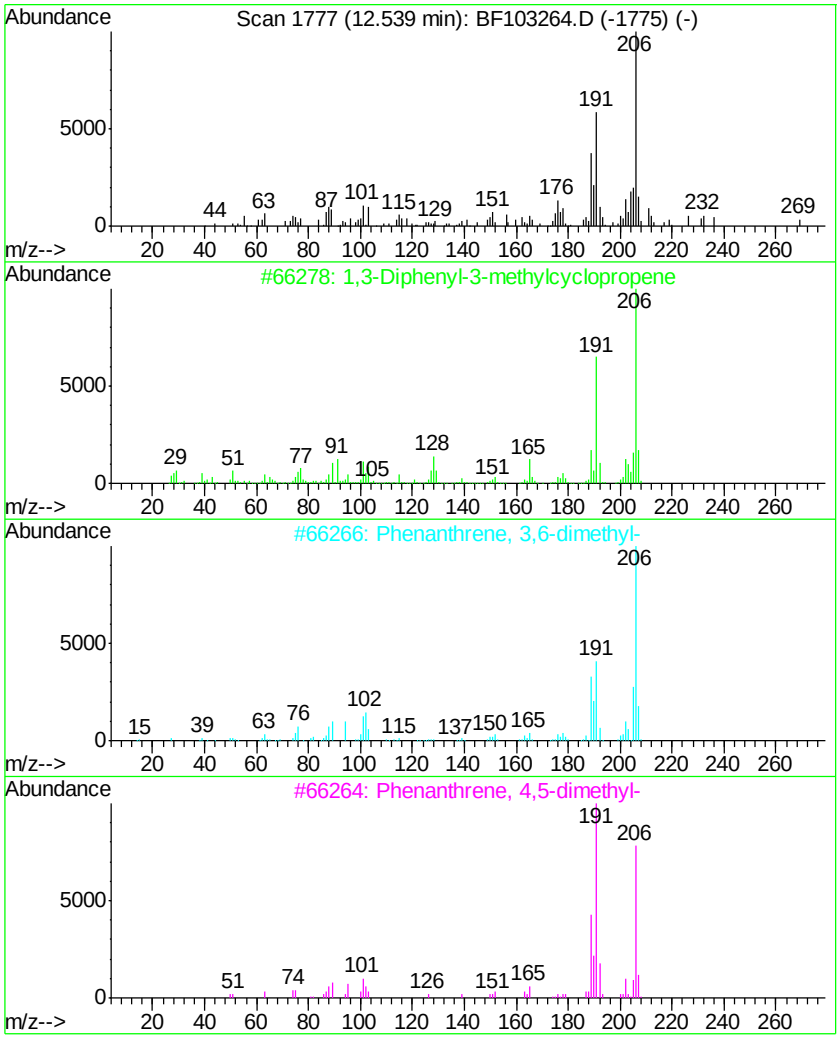
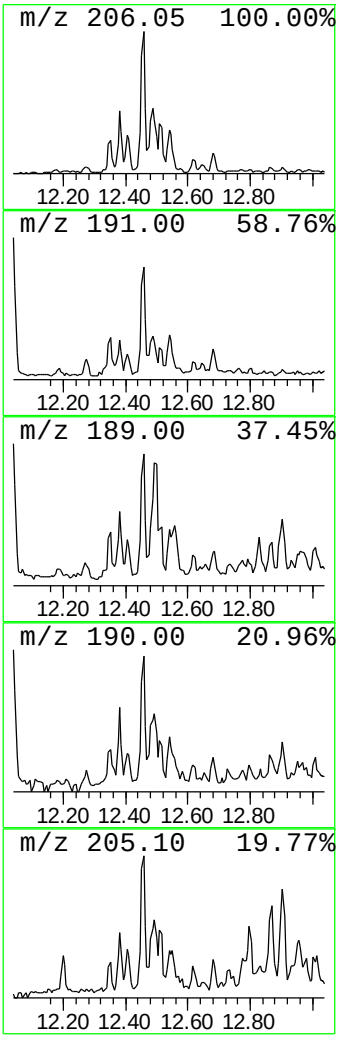
Peak Number 16 1,3-Diphenyl-3-methylcyclop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.02 ng	88970	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	60
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	58





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ALS Vial : 10 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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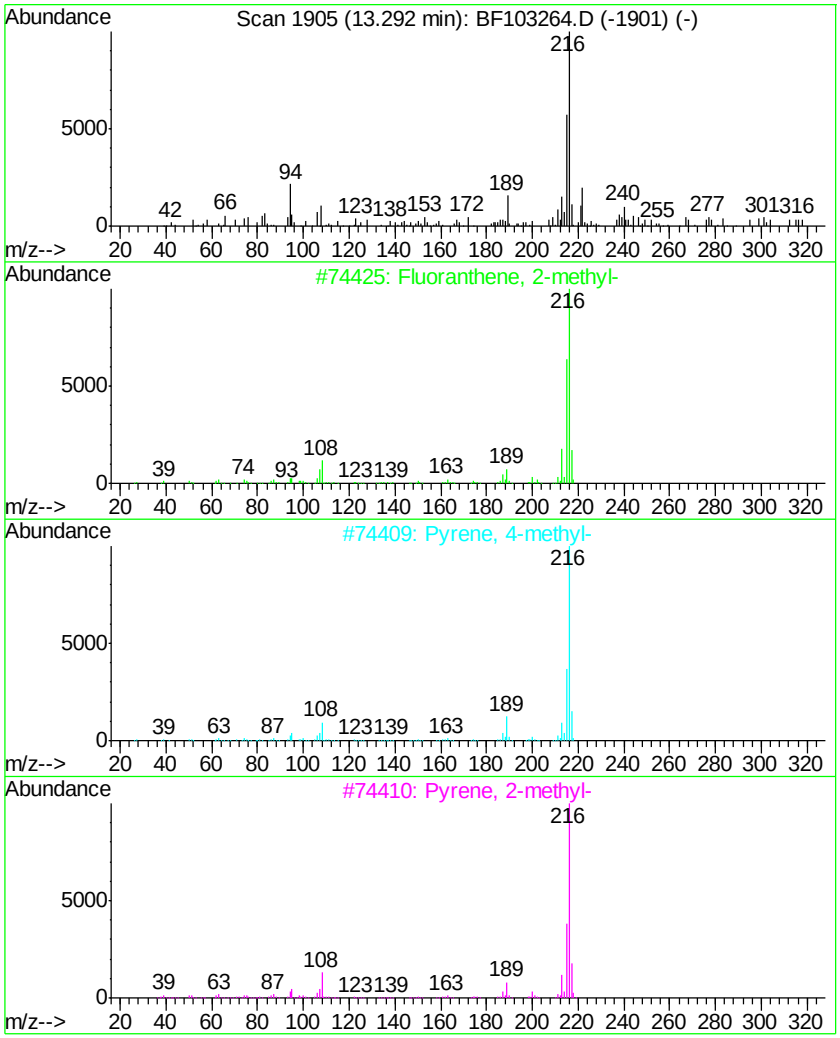
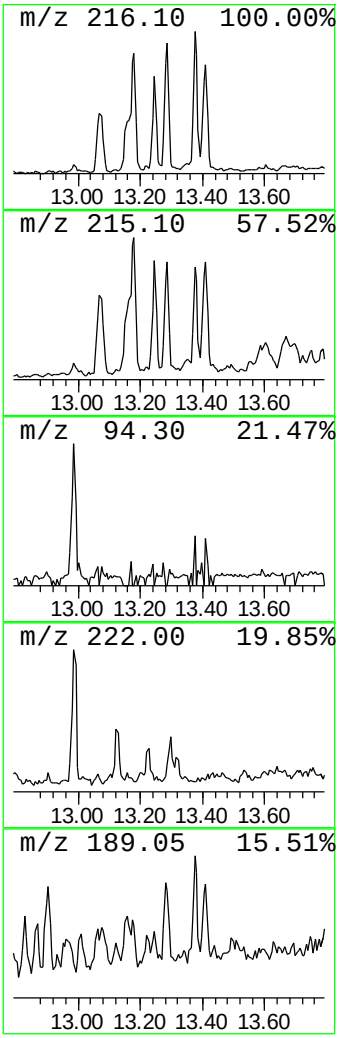
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.22 ng	91961	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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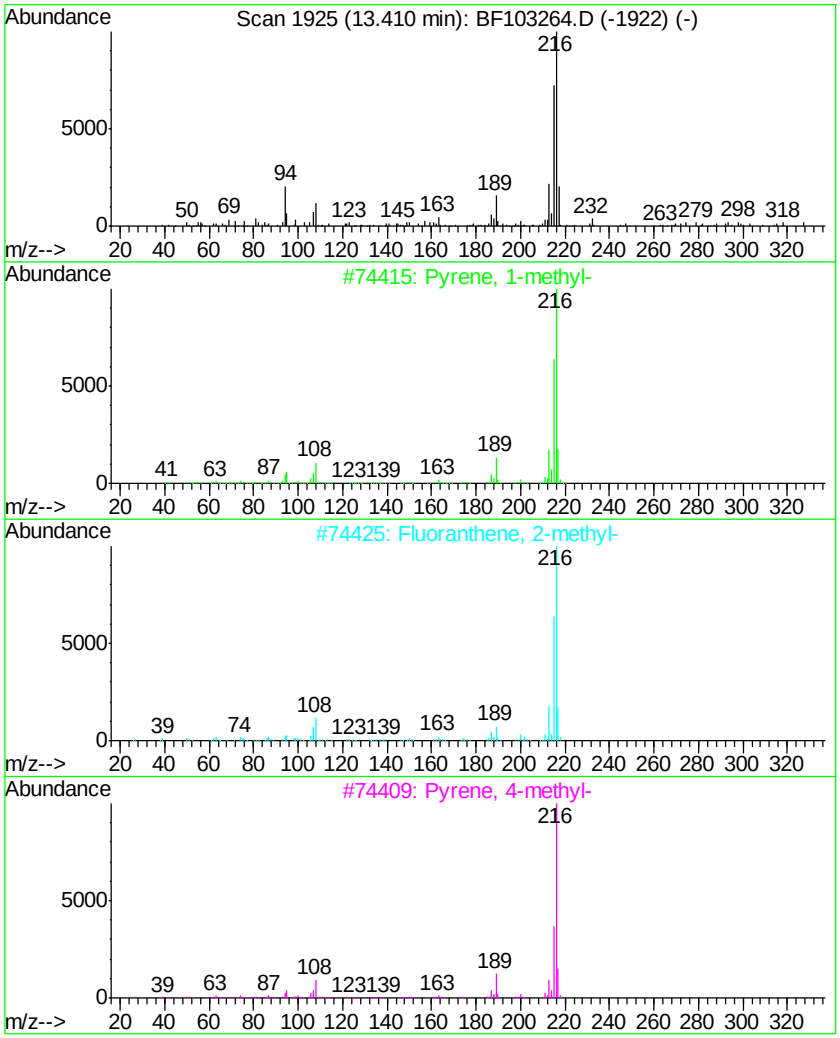
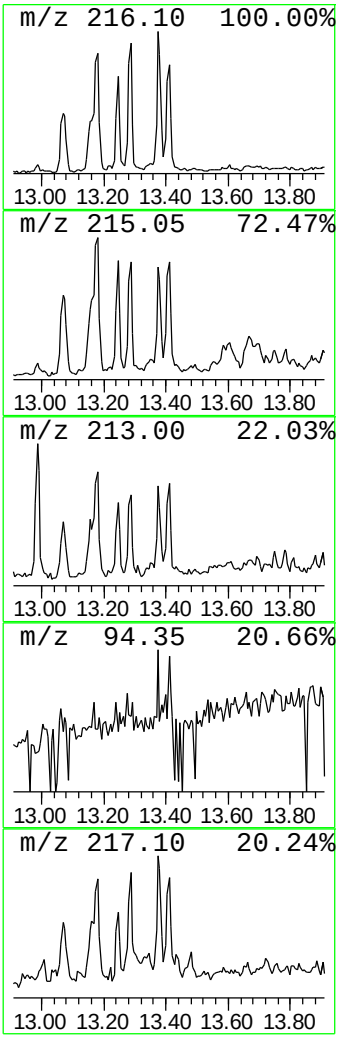
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.45 ng	101645	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-022318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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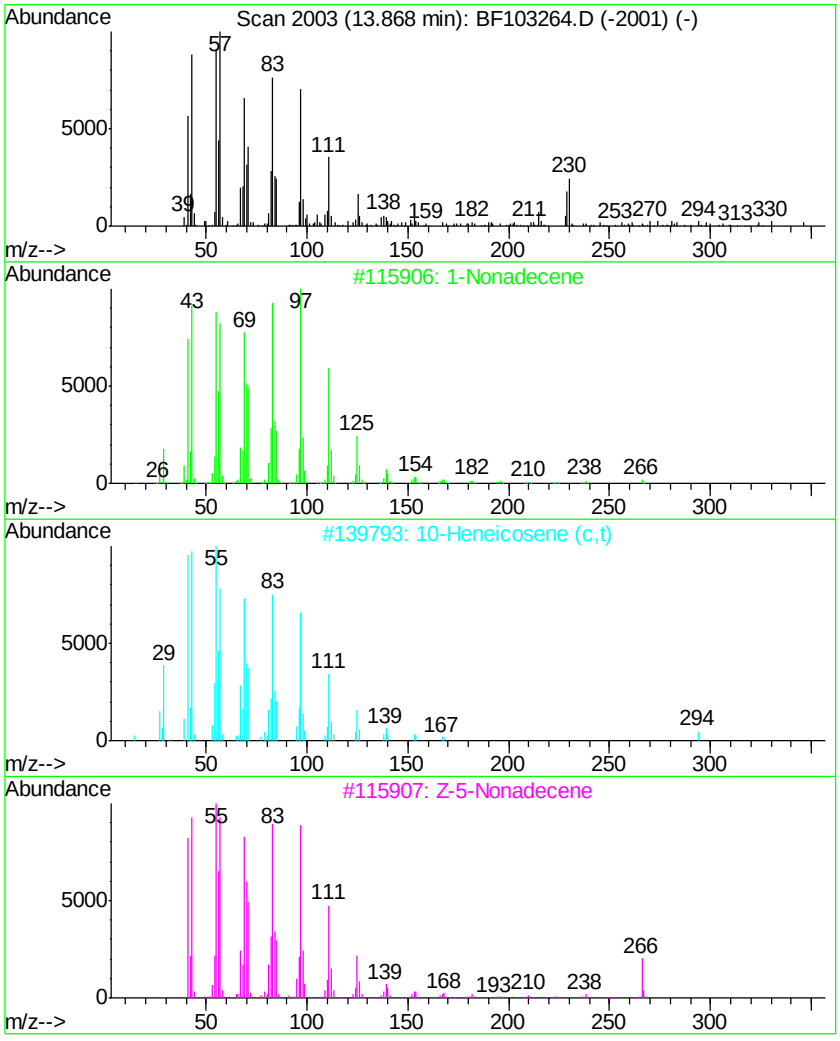
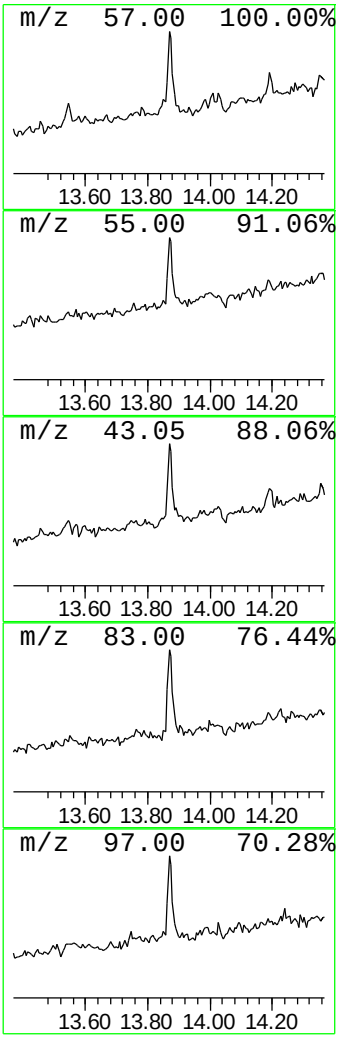
Peak Number 20 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.94 ng	163115	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
4	9-Nonadecene	266	C19H38	031035-07-1	92
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.12	6.7	ng	292664	1	6.87	878353	20.0
2-Pentanone, 4-hy...	5.10	2.6	ng	115005	1	6.87	878353	20.0
unknown6.65	6.65	72.9	ng	3201120	1	6.87	878353	20.0
Naphthalene, 2,3-...	9.57	2.6	ng	139063	3	9.91	1079160	20.0
Hexadecane	10.33	2.5	ng	134822	3	9.91	1079160	20.0
9H-Fluorene, 9-me...	11.01	2.4	ng	103759	4	11.40	880378	20.0
Dodecane, 2-methy...	11.25	2.1	ng	93731	4	11.40	880378	20.0
Phenanthrene, 2-m...	11.93	4.2	ng	183277	4	11.40	880378	20.0
5H-Dibenzo[a,d]cy...	12.02	5.6	ng	247568	4	11.40	880378	20.0
Anthracene, 2-met...	12.04	2.2	ng	98439	4	11.40	880378	20.0
Phenanthrene, 2,5...	12.46	3.1	ng	137218	4	11.40	880378	20.0
Phenanthrene, 3,6...	12.49	2.9	ng	126169	4	11.40	880378	20.0
1,3-Diphenyl-3-me...	12.54	2.0	ng	88970	4	11.40	880378	20.0
Fluoranthene, 2-m...	13.29	2.2	ng	91961	5	14.05	828698	20.0
Pyrene, 1-methyl-	13.41	2.5	ng	101645	5	14.05	828698	20.0
1-Nonadecene	13.87	3.9	ng	163115	5	14.05	828698	20.0