LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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	2.128	3	7	18	rVB	441537	584087	26.13%	1.640%
2	3.951	311	317	331	rVB	1454571	1994014	89.21%	5.599%
3	4.204	356	360	364	rVB2	43386	54173	2.42%	0.152%
4	4.540	410	417	421	rVB2	50494	66660	2.98%	0.187%
5	5.093	508	511	518	rBV2	78833	88517	3.96%	0.249%
6	5.493	575	579	590	rVB	2415456	2235104	100.00%	6.277%
7	5.898	641	648	651	rBV5	30078	48624	2.18%	0.137%
8	6.116	681	685	692	rBV2	75486	119318	5.34%	0.335%
9	6.310	712	718	720	rBV3	39789	53343	2.39%	0.150%
10	6.404	731	734	740	rBV4	74718	108498	4.85%	0.305%
11	6.504	746	751	754	rBV	2240956	2117521	94.74%	5.946%
12	6.616	765	770	771	rBV3	31936	43355	1.94%	0.122%
13	6.645	771	775	778	rVV	2542504	2228873	99.72%	6.259%
14	6.704	782	785	788	rBV3	47163	54866	2.45%	0.154%
15	6.875	810	814	818	rVV	1420055	1192979	53.37%	3.350%
16	6.928	819	823	826	rVB4	42173	49428	2.21%	0.139%
17	7.034	835	841	844	rBV	1801533	1749245	78.26%	4.912%
18	7.139	857	859	863	rVB2	72082	69669	3.12%	0.196%
19	7.269	874	881	883	rBV4	58053	64898	2.90%	0.182%
20	7.404	899	904	906	rBV2	90833	110453	4.94%	0.310%
21	7.434	906	909	918	rVB	1407103	1449926	64.87%	4.072%
22	7.516	918	923	926	rBV5	67663	91047	4.07%	0.256%
23	7.569	926	932	936	rBV5	30822	58329	2.61%	0.164%
24	7.645	942	945	948	rBV3	60611	56100	2.51%	0.158%
25	7.798	968	971	974	rVV4	57638	67447	3.02%	0.189%
26	7.892	985	987	991	rBV3	38871	48594	2.17%	0.136%
27	8.157	1029	1032	1035	rBV	1618126	1411777	63.16%	3.964%
28	8.181	1035	1036	1038	rVV	167287	85314	3.82%	0.240%
29	8.210	1038	1041	1044	rVB	146667	130757	5.85%	0.367%
30	8.445	1072	1081	1085	rBV8	79273	117255	5.25%	0.329%
31	8.569	1099	1102	1104	rBV	165246	116038	5.19%	0.326%
32	8.833	1145	1147	1151	rVB4	47559	55737	2.49%	0.157%
33	8.869	1151	1153	1156	rBV	72484	63183	2.83%	0.177%
34	8.928	1161	1163	1166	rBV3	35968	43955	1.97%	0.123%

LSC Area Percent Report

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Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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	8.969	1167	1170	1174	rVB2	86894	82238	3.68%	0.231%
36	9.057	1183	1185	1189	rVB2	41765	46813	2.09%	0.131%
37	9.169	1202	1204	1210	rVB	171884	139189	6.23%	0.391%
38	9.228	1211	1214	1219	rBV	2251109	2120485	94.87%	5.955%
39	9.304	1224	1227	1230	rBV	97380	104378	4.67%	0.293%
40	9.498	1256	1260	1263	rBV2	63213	86236	3.86%	0.242%
41	9.569	1269	1272	1275	rBV2	76537	92378	4.13%	0.259%
42	9.622	1278	1281	1284	rVV	380548	347601	15.55%	0.976%
43	9.686	1288	1292	1294	rBV3	48553	45107	2.02%	0.127%
44	9.775	1304	1307	1310	rBV2	73118	65767	2.94%	0.185%
45	9.833	1310	1317	1321	rVV	110610	127172	5.69%	0.357%
46	9.916	1327	1331	1334	rBV	1395592	1299433	58.14%	3.649%
47	9.945	1334	1336	1340	rVB	282764	219068	9.80%	0.615%
48	10.016	1344	1348	1352	rVB3	36941	49974	2.24%	0.140%
49	10.069	1352	1357	1359	rBV3	37912	51988	2.33%	0.146%
50	10.116	1362	1365	1369	rVB	176522	175015	7.83%	0.491%
51	10.157	1369	1372	1376	rVB3	54061	60411	2.70%	0.170%
52	10.310	1395	1398	1400	rBV3	41481	53292	2.38%	0.150%
53	10.333	1400	1402	1405	rVB	133199	95212	4.26%	0.267%
54	10.463	1420	1424	1430	rVB	250685	240119	10.74%	0.674%
55	10.551	1436	1439	1442	rVV2	103383	106850	4.78%	0.300%
56	10.616	1445	1450	1452	rBV3	38939	47912	2.14%	0.135%
57	10.704	1461	1465	1470	rBV	1049360	1062402	47.53%	2.983%
58	10.810	1479	1483	1492	rVB3	126305	223690	10.01%	0.628%
59	11.010	1513	1517	1519	rBV3	42932	50639	2.27%	0.142%
60	11.257	1555	1559	1561	rBV2	84945	88096	3.94%	0.247%
61	11.286	1561	1564	1565	rVV	67916	81330	3.64%	0.228%
62	11.298	1565	1566	1570	rVB	85929	56851	2.54%	0.160%
63	11.404	1580	1584	1586	rBV	1285689	1172867	52.47%	3.294%
64	11.427	1586	1588	1592	rVV	964261	748773	33.50%	2.103%
65	11.474	1593	1596	1600	rVV	327444	321016	14.36%	0.901%
66	11.510	1600	1602	1608	rVB2	31148	45283	2.03%	0.127%
67	11.633	1620	1623	1629	rVB	101809	93516	4.18%	0.263%
68	11.680	1629	1631	1635	rVV2	40914	43562	1.95%	0.122%
69	11.904	1665	1669	1671	rBV	96079	109521	4.90%	0.308%
70	11.933	1671	1674	1679	rVB	122854	119308	5.34%	0.335%
71	11.980	1679	1682	1685	rBV	64409	57944	2.59%	0.163%

LSC Area Percent Report

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Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

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

72	12.016	1685	1688	1691	rBV2	206024	217796	9.74%	0.612%
73	12.198	1716	1719	1722	rBV	67911	61387	2.75%	0.172%
74	12.451	1759	1762	1764	rBV	49900	52690	2.36%	0.148%
75	12.492	1764	1769	1774	rVB5	57428	119156	5.33%	0.335%
76	12.574	1781	1783	1787	rVB	50771	43747	1.96%	0.123%
77	12.616	1787	1790	1794	rBV	1094880	969046	43.36%	2.721%
78	12.651	1794	1796	1799	rVB2	114360	99439	4.45%	0.279%
79	12.769	1813	1816	1819	rBV2	44579	46431	2.08%	0.130%
80	12.845	1823	1829	1835	rBV	878559	1035212	46.32%	2.907%
81	12.898	1835	1838	1842	rVB2	47013	53135	2.38%	0.149%
82	12.986	1846	1853	1856	rBV	1665580	1553720	69.51%	4.363%
83	13.063	1862	1866	1869	rBV2	54419	88725	3.97%	0.249%
84	13.151	1877	1881	1882	rBV3	49280	58750	2.63%	0.165%
85	13.174	1882	1885	1888	rVB2	178086	168992	7.56%	0.475%
86	13.239	1893	1896	1899	rVB2	171834	142203	6.36%	0.399%
87	13.280	1899	1903	1905	rBV2	70366	81439	3.64%	0.229%
88	13.404	1921	1924	1926	rBV	41594	49411	2.21%	0.139%
89	13.792	1988	1990	1993	rBV	53726	55635	2.49%	0.156%
90	13.821	1993	1995	1997	rVV	52898	43620	1.95%	0.122%
91	13.845	1997	1999	2000	rVV	54080	45262	2.03%	0.127%
92	13.868	2000	2003	2010	rVB4	258143	298236	13.34%	0.837%
93	14.045	2028	2033	2036	rBV2	1162154	1399352	62.61%	3.930%
94	14.068	2036	2037	2044	rVB	377134	298157	13.34%	0.837%
95	14.151	2049	2051	2054	rVB	100954	86498	3.87%	0.243%
96	14.192	2056	2058	2062	rBV4	55336	44207	1.98%	0.124%
97	15.098	2208	2212	2215	rBV2	263429	394594	17.65%	1.108%
98	15.410	2262	2265	2270	rVB	146015	191166	8.55%	0.537%
99	15.468	2272	2275	2282	rBV	235998	315252	14.10%	0.885%
100	15.539	2282	2287	2291	rBV	626353	836896	37.44%	2.350%

Sum of corrected areas: 35610674

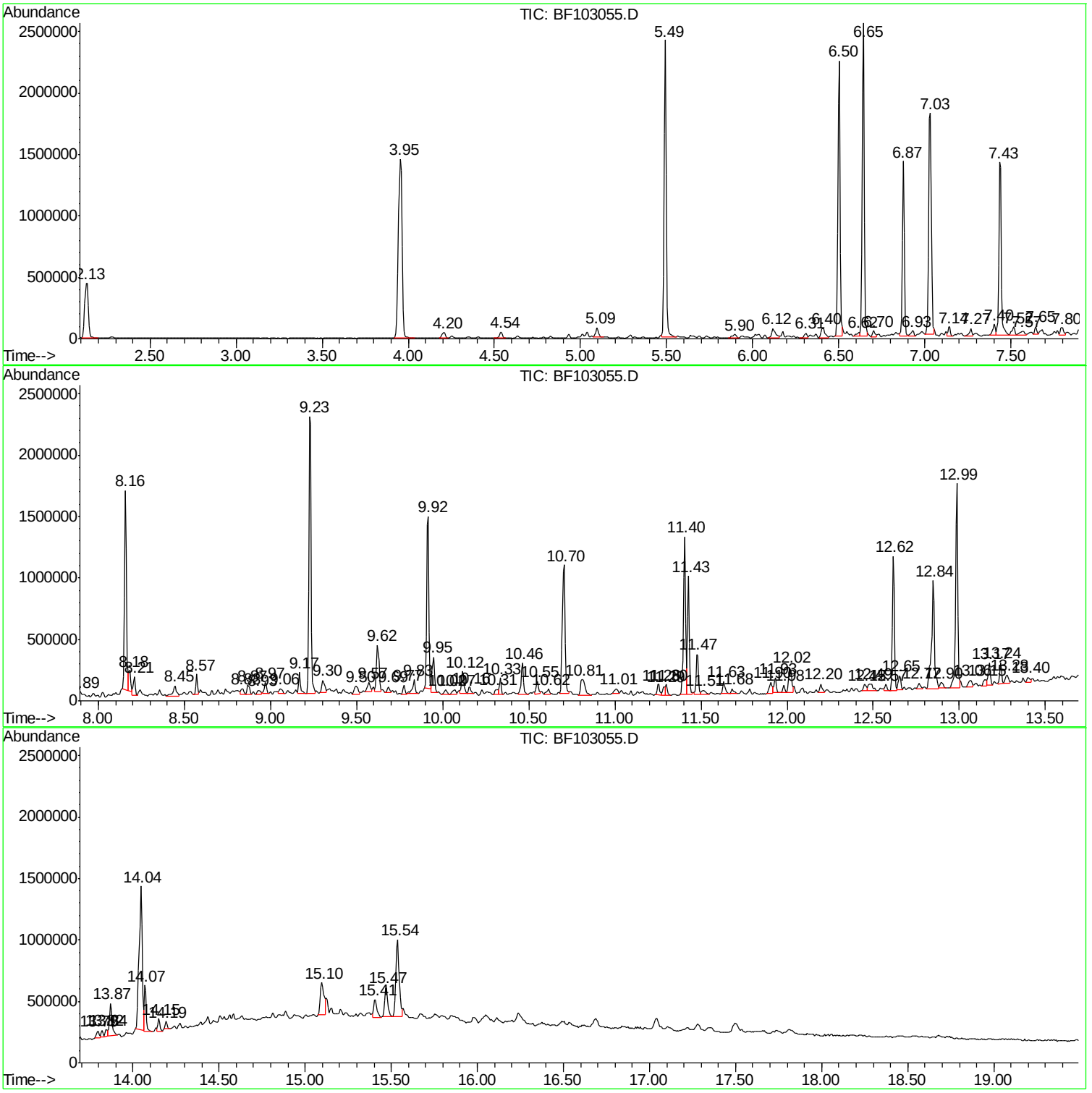
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

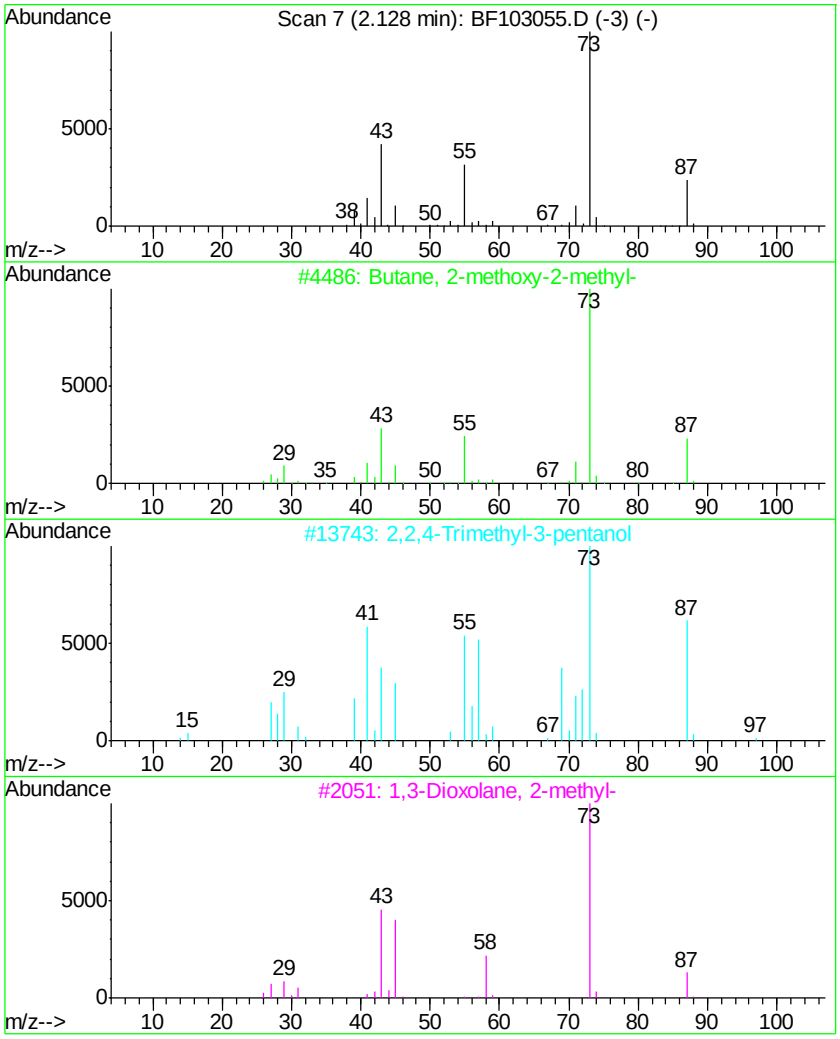
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

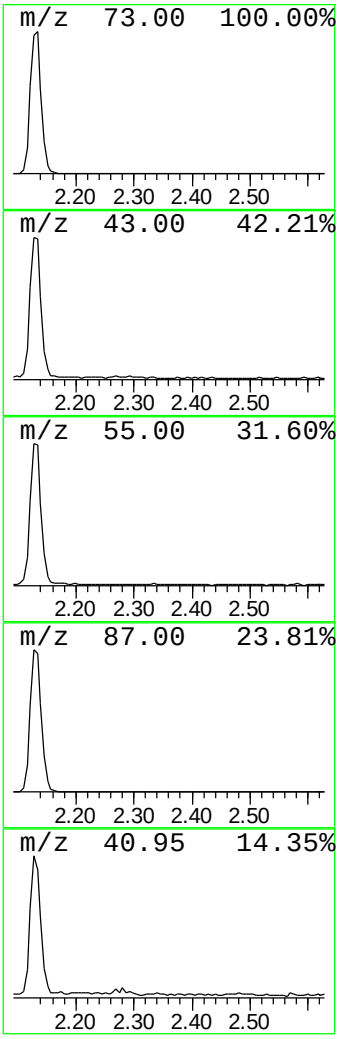
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	9.79 ng	584087	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

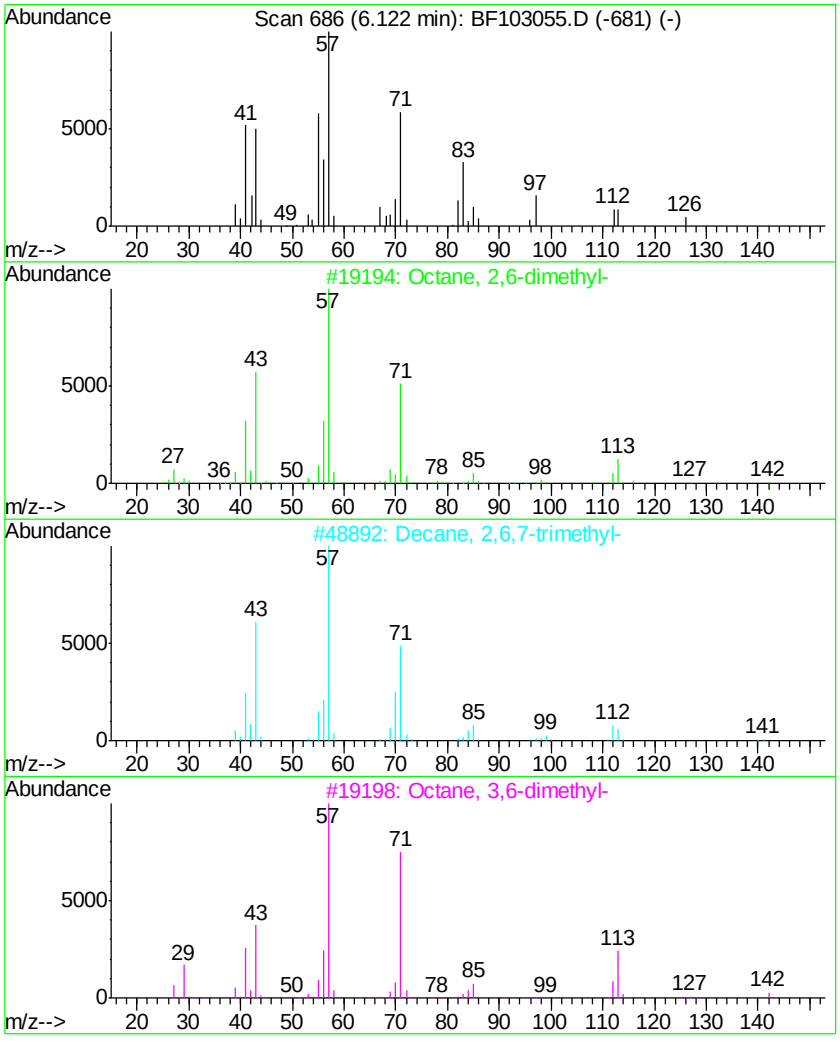
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

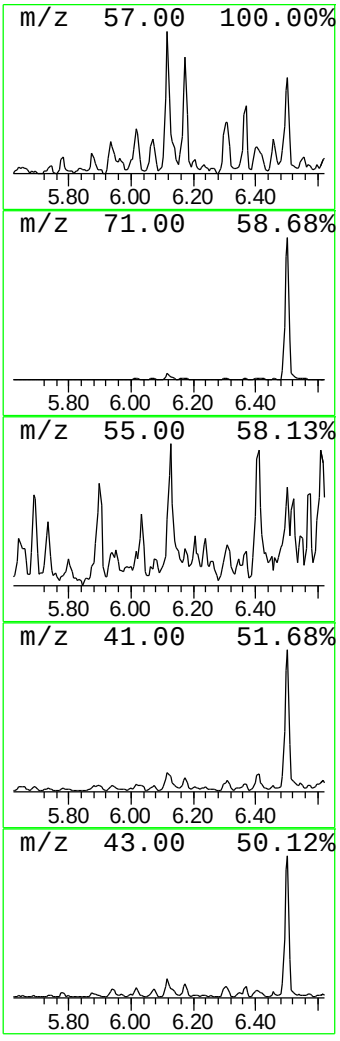
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	2.00 ng	119318	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
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Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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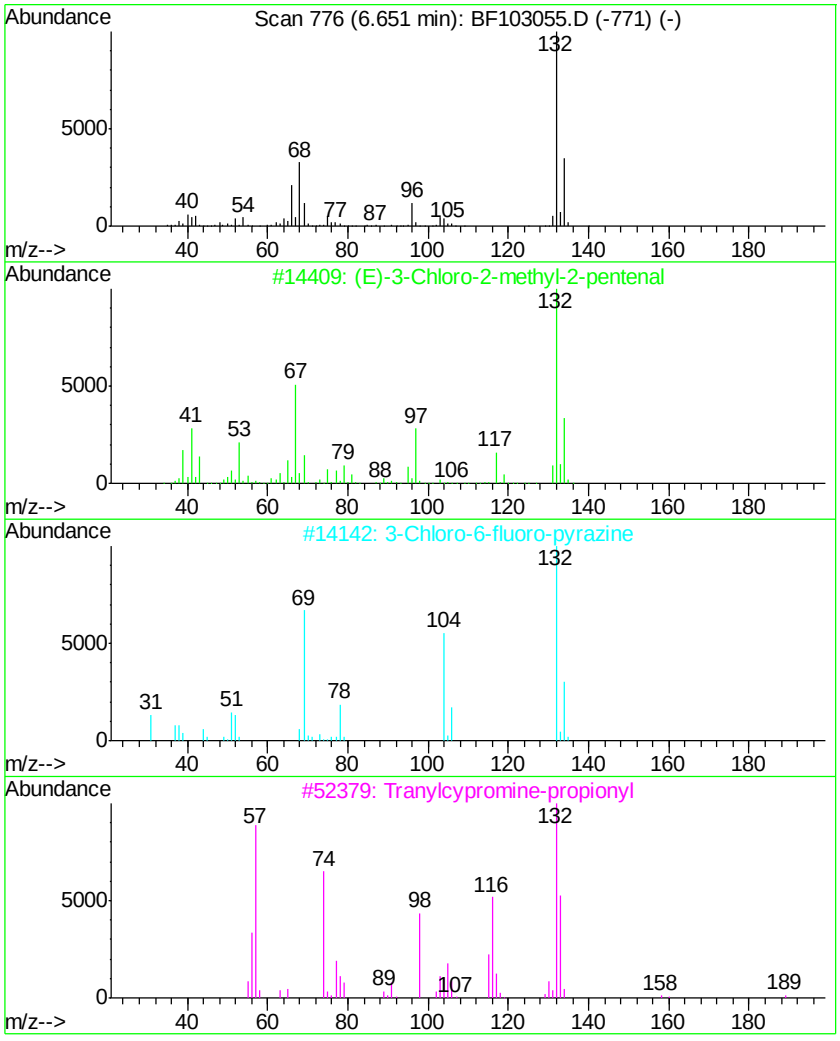
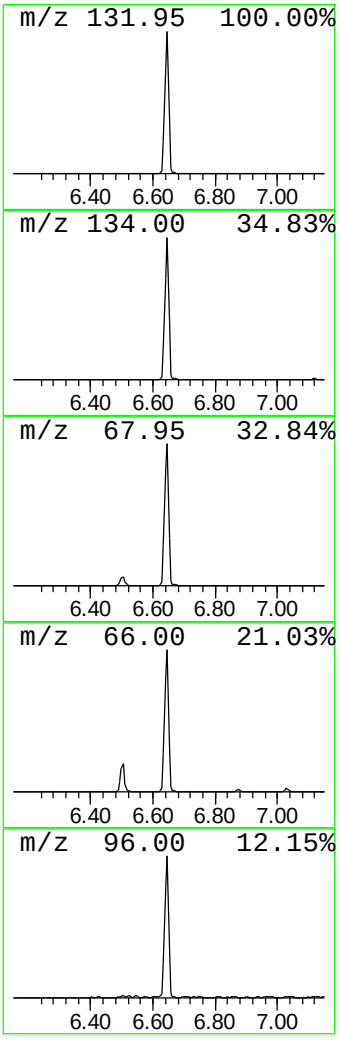
Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	37.37 ng	2228870	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

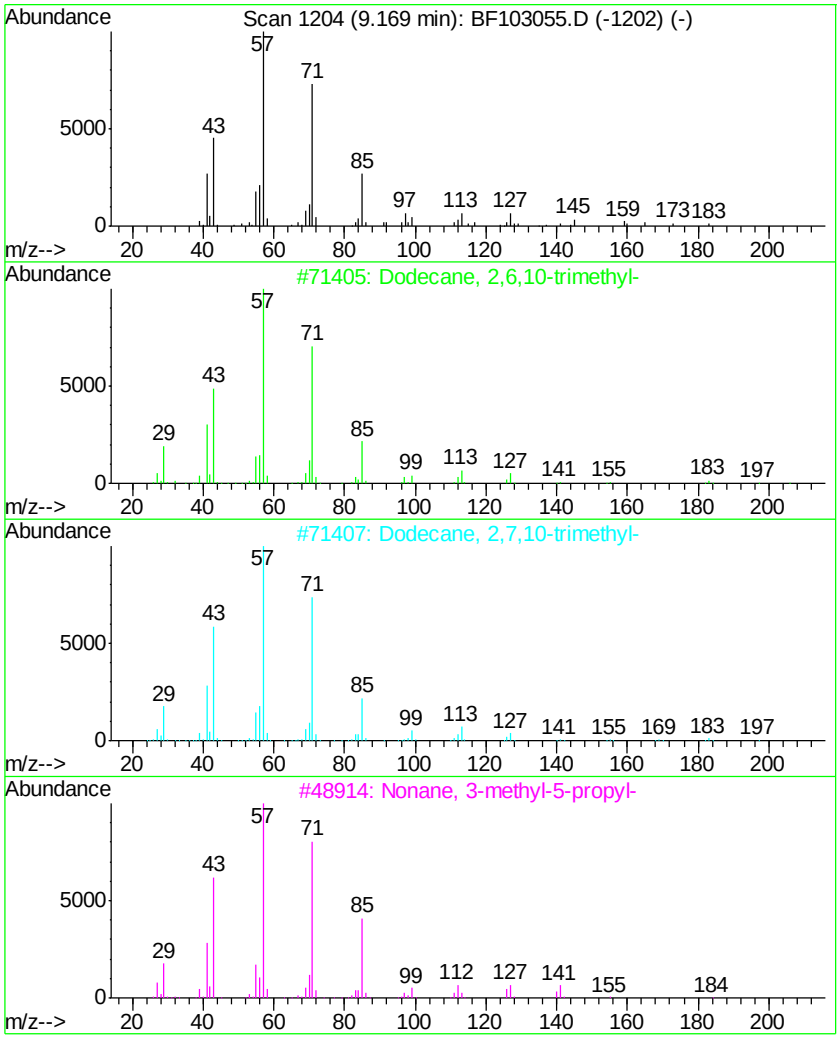
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

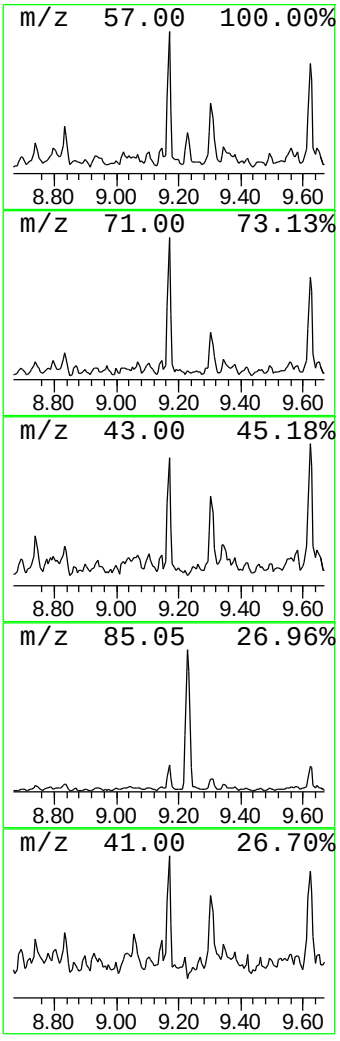
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.14 ng	139189	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Heptacosane	380	C27H56	000593-49-7	64
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59





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Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

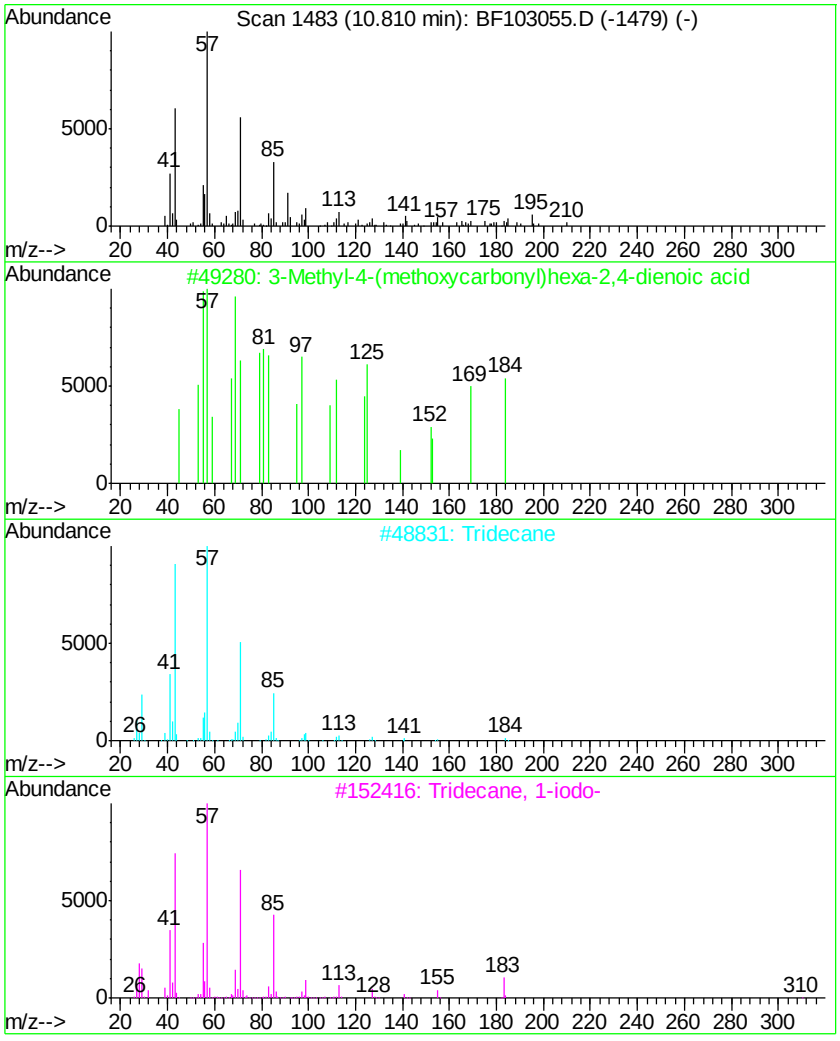
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

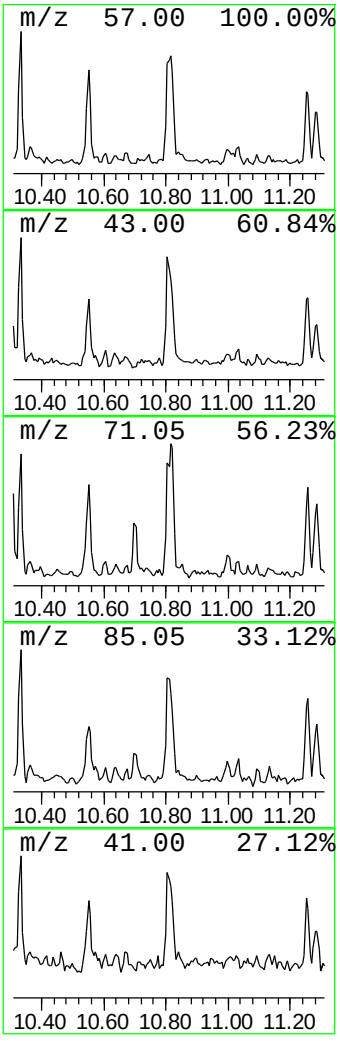
****

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.81 ng	223690	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Heptacosane	380	C27H56	000593-49-7	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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

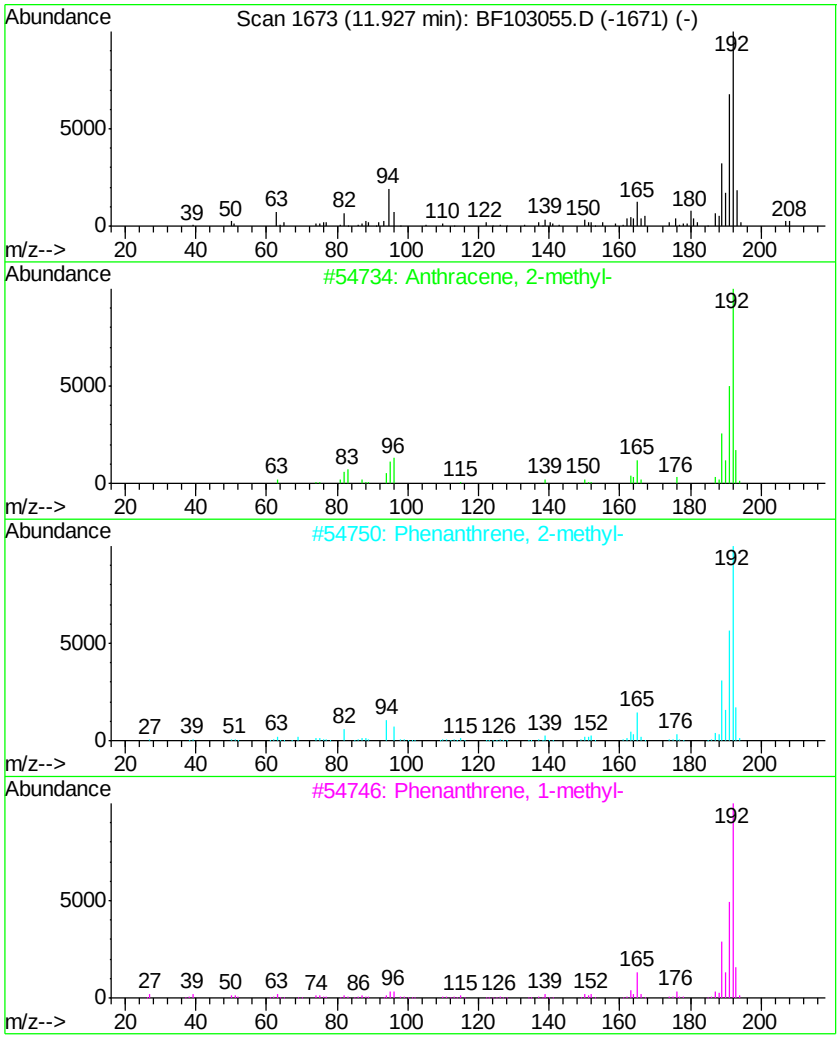
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

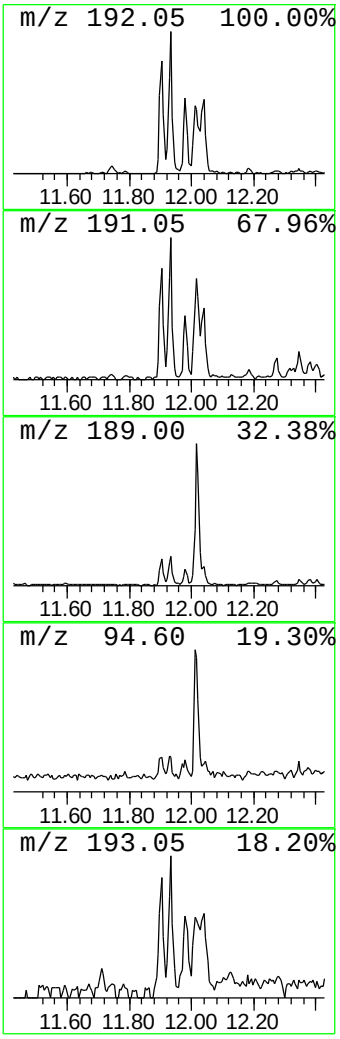
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.03 ng	119308	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





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Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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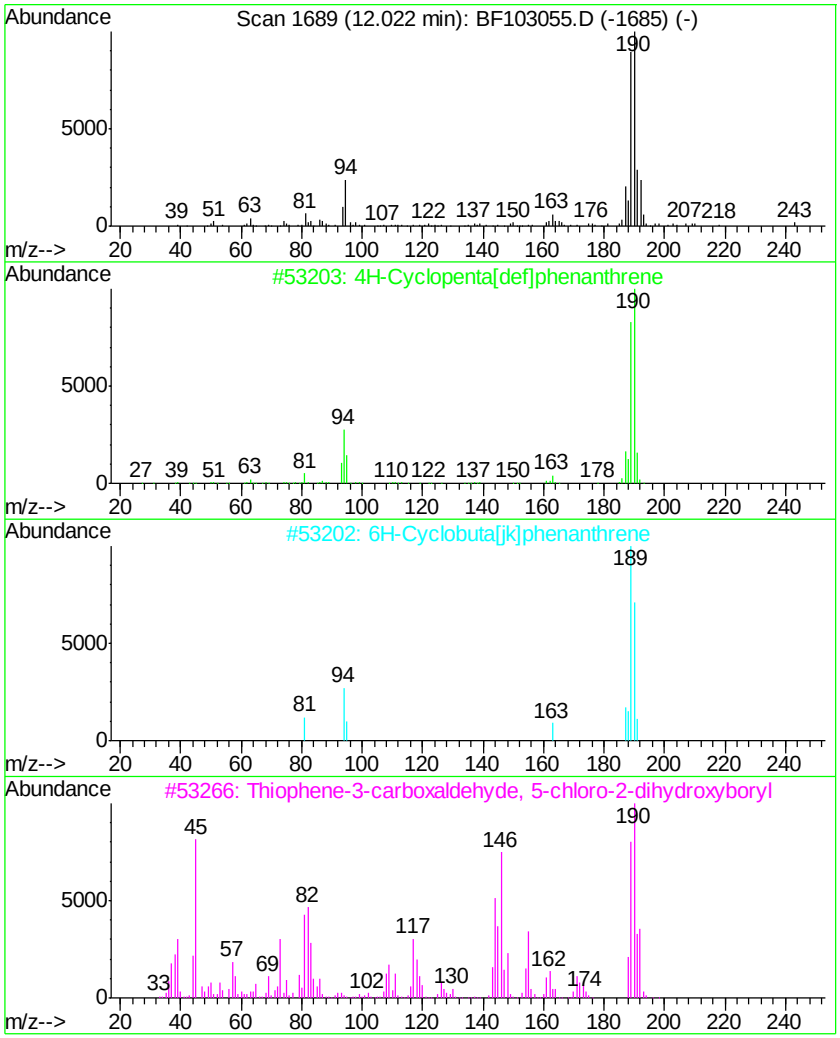
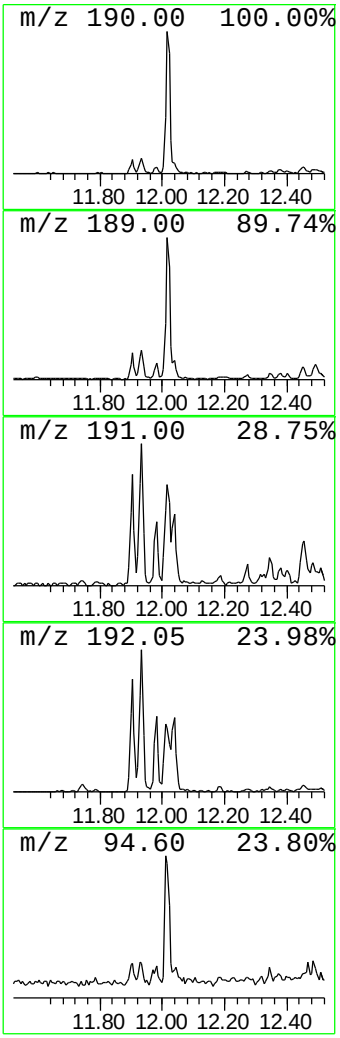
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.71 ng	217796	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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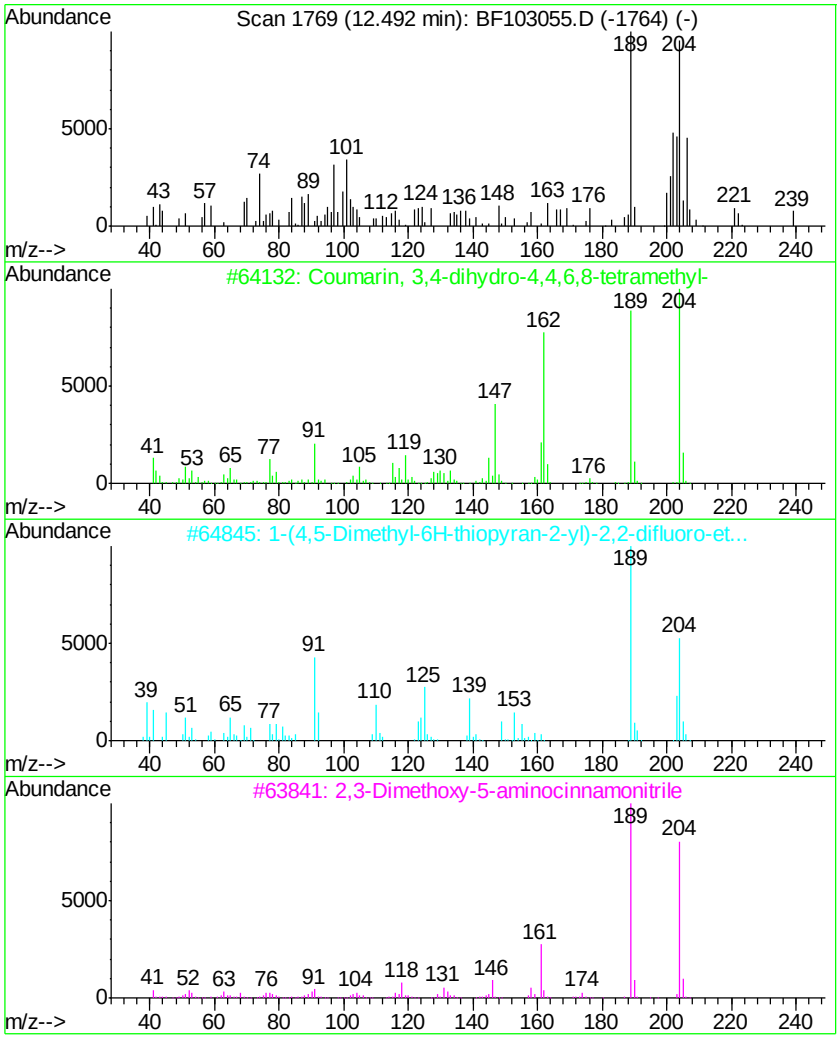
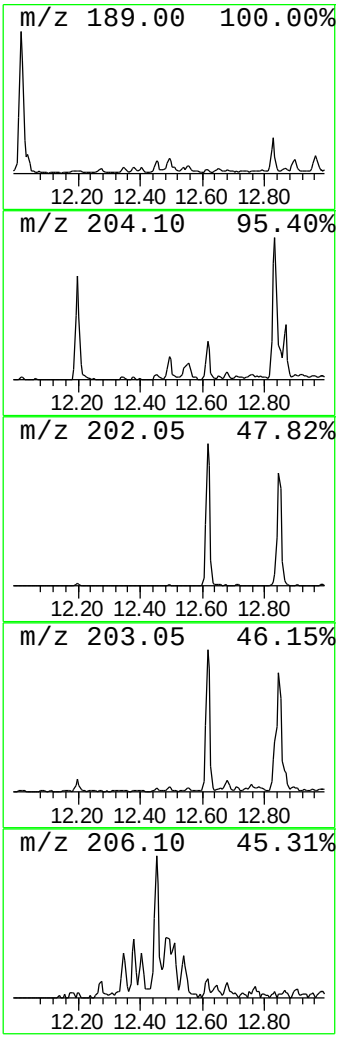
Peak Number 10 unknown12.49 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.03 ng	119156	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	38
2	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	38
3	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	2H-1-Benzopyran-2-one, 3-acetyl-...	204	C11H8O4	1000351-35-1	35





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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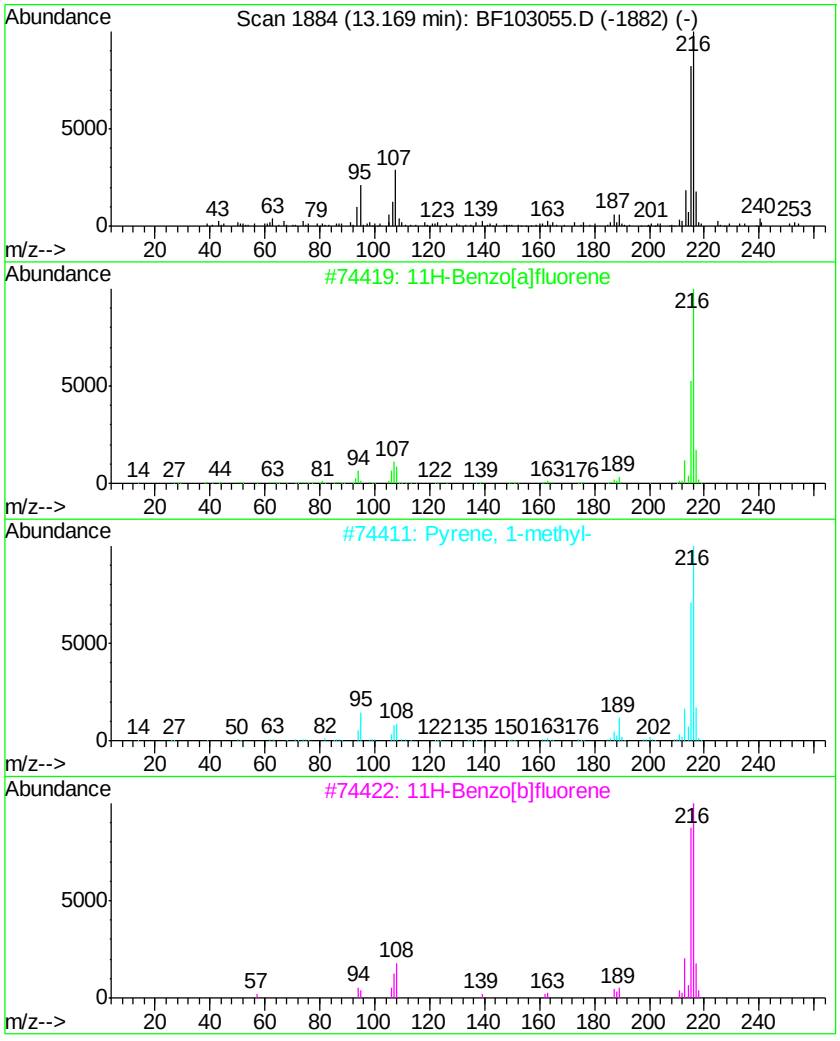
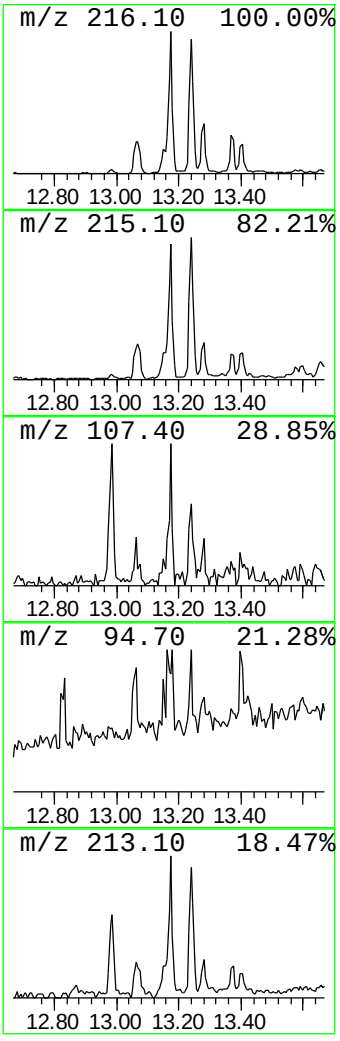
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.42 ng	168992	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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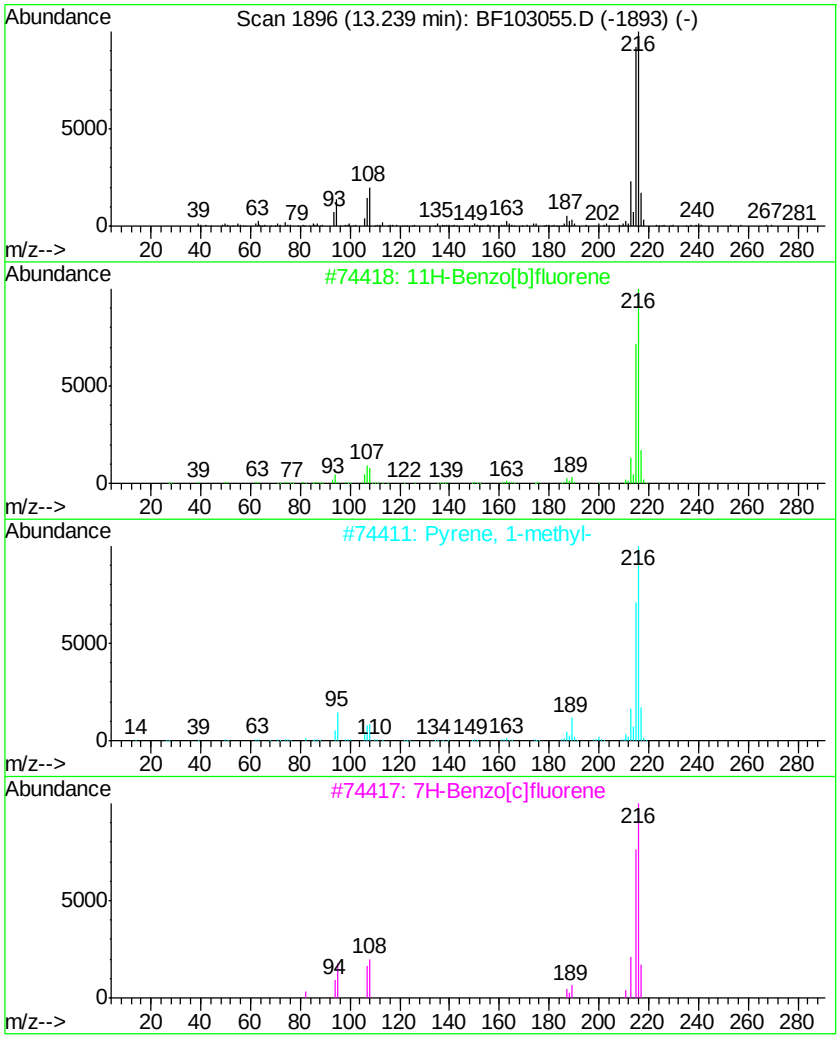
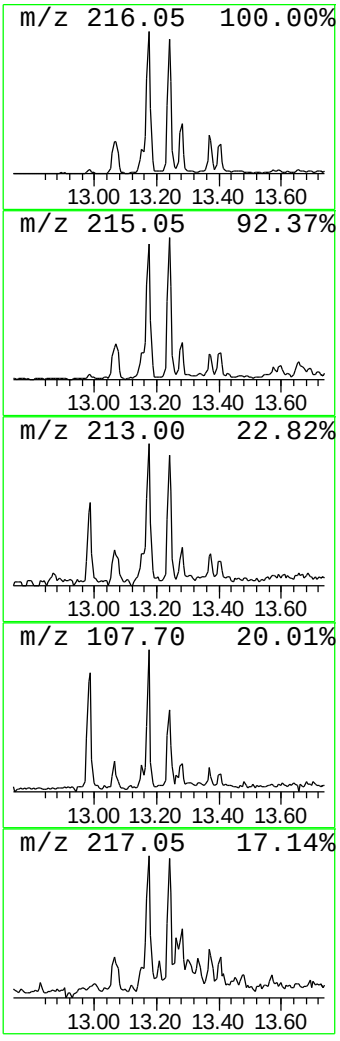
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.03 ng	142203	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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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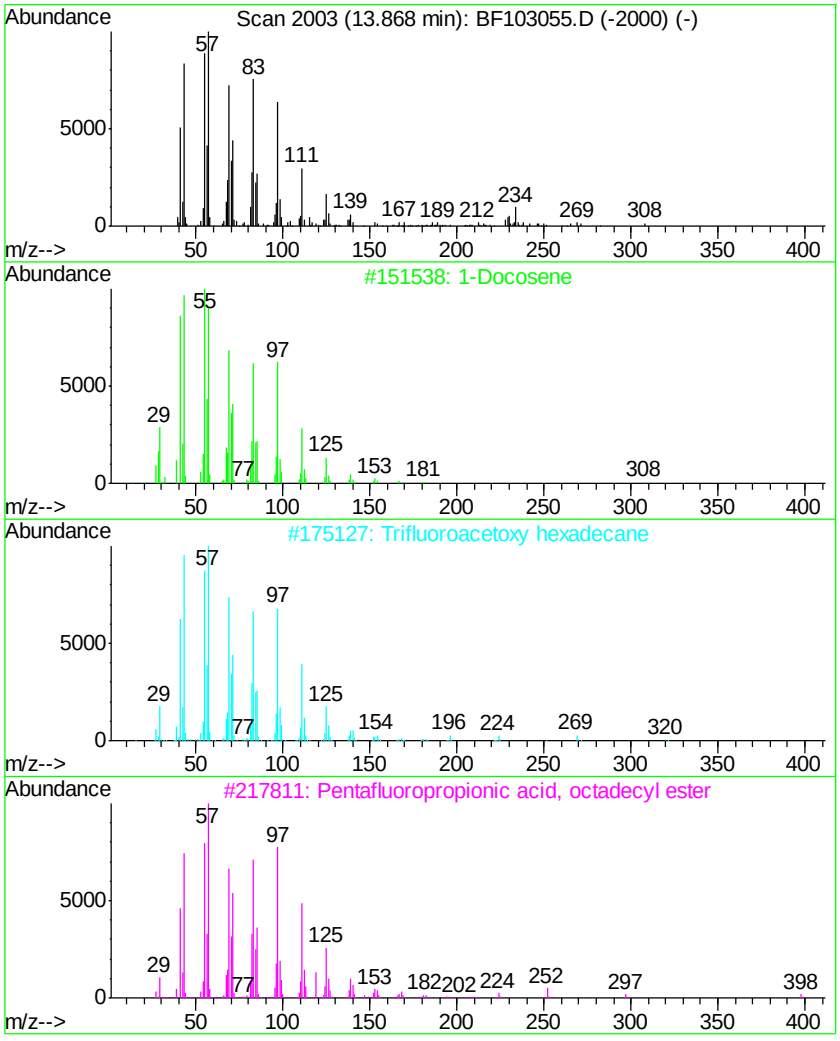
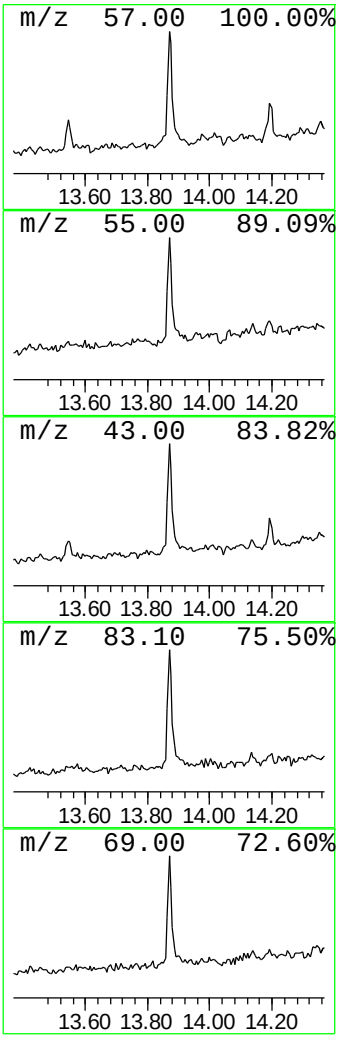
Peak Number 13 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.26 ng	298236	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

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...	2.13	9.8	ng	584087	1	6.87	1192980	20.0
Octane, 2,6-dimet...	6.12	2.0	ng	119318	1	6.87	1192980	20.0
unknown6.65	6.65	37.4	ng	2228870	1	6.87	1192980	20.0
Dodecane, 2,6,10-...	9.17	2.1	ng	139189	3	9.92	1299430	20.0
3-Methyl-4-(metho...	10.81	3.8	ng	223690	4	11.40	1172870	20.0
Anthracene, 2-met...	11.93	2.0	ng	119308	4	11.40	1172870	20.0
4H-Cyclopenta[def...	12.02	3.7	ng	217796	4	11.40	1172870	20.0
unknown12.49	12.49	2.0	ng	119156	4	11.40	1172870	20.0
11H-Benzo[a]fluorene	13.17	2.4	ng	168992	5	14.04	1399350	20.0
11H-Benzo[b]fluorene	13.24	2.0	ng	142203	5	14.04	1399350	20.0
1-Docosene	13.87	4.3	ng	298236	5	14.04	1399350	20.0