LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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	2.140	5	9	22	rVB	210989	288307	5.24%	0.384%
2	5.093	508	511	518	rVB	103562	107278	1.95%	0.143%
3	5.487	570	578	582	rBV	2220821	2181710	39.63%	2.905%
4	6.128	681	687	690	rBV2	80677	108715	1.97%	0.145%
5	6.316	715	719	722	rBV2	45692	63053	1.15%	0.084%
6	6.375	723	729	732	rVB2	53213	64417	1.17%	0.086%
7	6.410	732	735	737	rBV3	56295	73697	1.34%	0.098%
8	6.498	742	750	754	rBV2	2398132	2350364	42.70%	3.129%
9	6.645	771	775	779	rVB	2522772	2195385	39.88%	2.923%
10	6.710	783	786	789	rBV3	99199	110648	2.01%	0.147%
11	6.881	811	815	819	rVB	1508384	1324588	24.06%	1.764%
12	7.034	836	841	844	rBV	1871532	1709122	31.05%	2.276%
13	7.057	844	845	848	rVB	85967	62774	1.14%	0.084%
14	7.151	858	861	864	rVB2	90378	85922	1.56%	0.114%
15	7.198	864	869	870	rBV2	60581	72616	1.32%	0.097%
16	7.275	876	882	885	rBV3	145978	161189	2.93%	0.215%
17	7.410	900	905	906	rBV3	100011	116186	2.11%	0.155%
18	7.439	906	910	913	rVV	1612863	1433072	26.03%	1.908%
19	7.469	913	915	920	rVB	150722	144934	2.63%	0.193%
20	7.522	920	924	927	rVB5	63759	103174	1.87%	0.137%
21	7.587	927	935	937	rBV6	42135	83085	1.51%	0.111%
22	7.686	948	952	954	rVB2	49611	68613	1.25%	0.091%
23	7.804	970	972	975	rBV3	80256	78753	1.43%	0.105%
24	7.904	986	989	992	rBV2	82699	103750	1.88%	0.138%
25	8.034	1008	1011	1014	rBV2	49888	60342	1.10%	0.080%
26	8.139	1026	1029	1030	rBV	217009	170635	3.10%	0.227%
27	8.163	1030	1033	1035	rVV	1893229	1774797	32.24%	2.363%
28	8.186	1035	1037	1040	rVB	2403608	1790396	32.52%	2.384%
29	8.216	1040	1042	1044	rBV	128493	104665	1.90%	0.139%
30	8.451	1074	1082	1086	rBV8	130347	206627	3.75%	0.275%
31	8.516	1089	1093	1095	rVV	119619	141530	2.57%	0.188%
32	8.539	1095	1097	1101	rVB4	68681	86445	1.57%	0.115%
33	8.581	1101	1104	1106	rBV	204640	170892	3.10%	0.228%
34	8.663	1116	1118	1121	rBV2	75306	74826	1.36%	0.100%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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	8.704	1121	1125	1127	rBV4	70142	80078	1.45%	0.107%
36	8.751	1130	1133	1137	rBV	291941	256519	4.66%	0.342%
37	8.792	1137	1140	1143	rBV3	62977	105631	1.92%	0.141%
38	8.875	1151	1154	1158	rVB	879545	682583	12.40%	0.909%
39	8.975	1167	1171	1175	rVB	596620	516841	9.39%	0.688%
40	9.033	1178	1181	1185	rBV4	90990	159371	2.90%	0.212%
41	9.069	1185	1187	1191	rVB2	83144	92530	1.68%	0.123%
42	9.110	1191	1194	1198	rBV4	78522	101319	1.84%	0.135%
43	9.181	1203	1206	1208	rVV	263725	210983	3.83%	0.281%
44	9.233	1212	1215	1220	rVB	2251149	2146584	38.99%	2.858%
45	9.316	1225	1229	1231	rBV	435462	455513	8.27%	0.606%
46	9.339	1231	1233	1237	rVB	227931	193394	3.51%	0.257%
47	9.433	1246	1249	1253	rBV	205340	185806	3.38%	0.247%
48	9.504	1257	1261	1264	rVB2	298097	385115	7.00%	0.513%
49	9.575	1270	1273	1275	rBV	440594	361946	6.57%	0.482%
50	9.598	1275	1277	1280	rVB	250062	220293	4.00%	0.293%
51	9.633	1280	1283	1286	rBV3	439969	487509	8.86%	0.649%
52	9.692	1290	1293	1295	rBV	274503	213308	3.87%	0.284%
53	9.780	1305	1308	1311	rBV2	177082	210840	3.83%	0.281%
54	9.845	1316	1319	1323	rVV	490755	429790	7.81%	0.572%
55	9.922	1326	1332	1334	rVV	1764828	1757109	31.92%	2.339%
56	9.951	1334	1337	1340	rVV	1828363	1626961	29.55%	2.166%
57	9.980	1340	1342	1346	rVB3	160458	162885	2.96%	0.217%
58	10.022	1346	1349	1353	rBV	205789	263843	4.79%	0.351%
59	10.075	1354	1358	1361	rBV3	232426	306853	5.57%	0.409%
60	10.122	1362	1366	1370	rVV2	1185101	1165474	21.17%	1.552%
61	10.163	1370	1373	1377	rVV3	300244	367388	6.67%	0.489%
62	10.233	1382	1385	1387	rBV	343510	322385	5.86%	0.429%
63	10.263	1387	1390	1392	rVV2	200960	159609	2.90%	0.213%
64	10.327	1397	1401	1402	rBV2	316314	351440	6.38%	0.468%
65	10.345	1402	1404	1407	rVB	665221	477902	8.68%	0.636%
66	10.375	1407	1409	1411	rBV2	120737	105783	1.92%	0.141%
67	10.469	1421	1425	1428	rBV	1801880	1630868	29.63%	2.171%
68	10.557	1437	1440	1446	rVV3	417359	714304	12.98%	0.951%
69	10.622	1449	1451	1454	rVB	398190	350427	6.37%	0.467%
70	10.686	1460	1462	1463	rBV2	168431	142599	2.59%	0.190%
71	10.704	1463	1465	1469	rVB	1313533	1177577	21.39%	1.568%

LSC Area Percent Report

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Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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	10.833	1482	1487	1490	rBV2	1068197	1482977	26.94%	1.974%
73	11.016	1516	1518	1520	rVB2	336049	229374	4.17%	0.305%
74	11.045	1520	1523	1525	rVB3	298828	288645	5.24%	0.384%
75	11.210	1549	1551	1555	rVB2	303710	273444	4.97%	0.364%
76	11.269	1559	1561	1563	rVV	754277	659447	11.98%	0.878%
77	11.304	1564	1567	1572	rVB2	1425591	1499539	27.24%	1.997%
78	11.410	1582	1585	1587	rBV	1236149	1445441	26.26%	1.924%
79	11.445	1587	1591	1593	rVV	4753372	5504990	100.00%	7.329%
80	11.492	1595	1599	1601	rVV	1882333	1851511	33.63%	2.465%
81	11.516	1601	1603	1606	rVV	435883	418412	7.60%	0.557%
82	11.639	1622	1624	1629	rVB2	957891	1070100	19.44%	1.425%
83	11.698	1632	1634	1637	rVB2	788142	644227	11.70%	0.858%
84	11.916	1668	1671	1672	rBV	718590	664756	12.08%	0.885%
85	11.939	1672	1675	1680	rVB	1224591	1355236	24.62%	1.804%
86	12.027	1687	1690	1692	rBV2	975125	1030626	18.72%	1.372%
87	12.110	1702	1704	1707	rBV2	607570	512241	9.31%	0.682%
88	12.498	1768	1770	1774	rVB3	566190	506928	9.21%	0.675%
89	12.639	1790	1794	1797	rVB	3260516	3714399	67.47%	4.945%
90	12.868	1827	1833	1838	rBV2	2998342	4640918	84.30%	6.179%
91	12.998	1853	1855	1857	rVB	806838	594517	10.80%	0.792%
92	13.186	1885	1887	1890	rVB	876790	735177	13.35%	0.979%
93	14.057	2031	2035	2038	rBV2	1647478	2399484	43.59%	3.195%
94	14.092	2038	2041	2046	rVB	1770757	1771309	32.18%	2.358%
95	15.121	2212	2216	2219	rBV	1027181	1649302	29.96%	2.196%
96	15.498	2276	2280	2284	rVB	1589695	2075788	37.71%	2.764%
97	17.056	2540	2545	2554	rVB2	873354	1836790	33.37%	2.446%

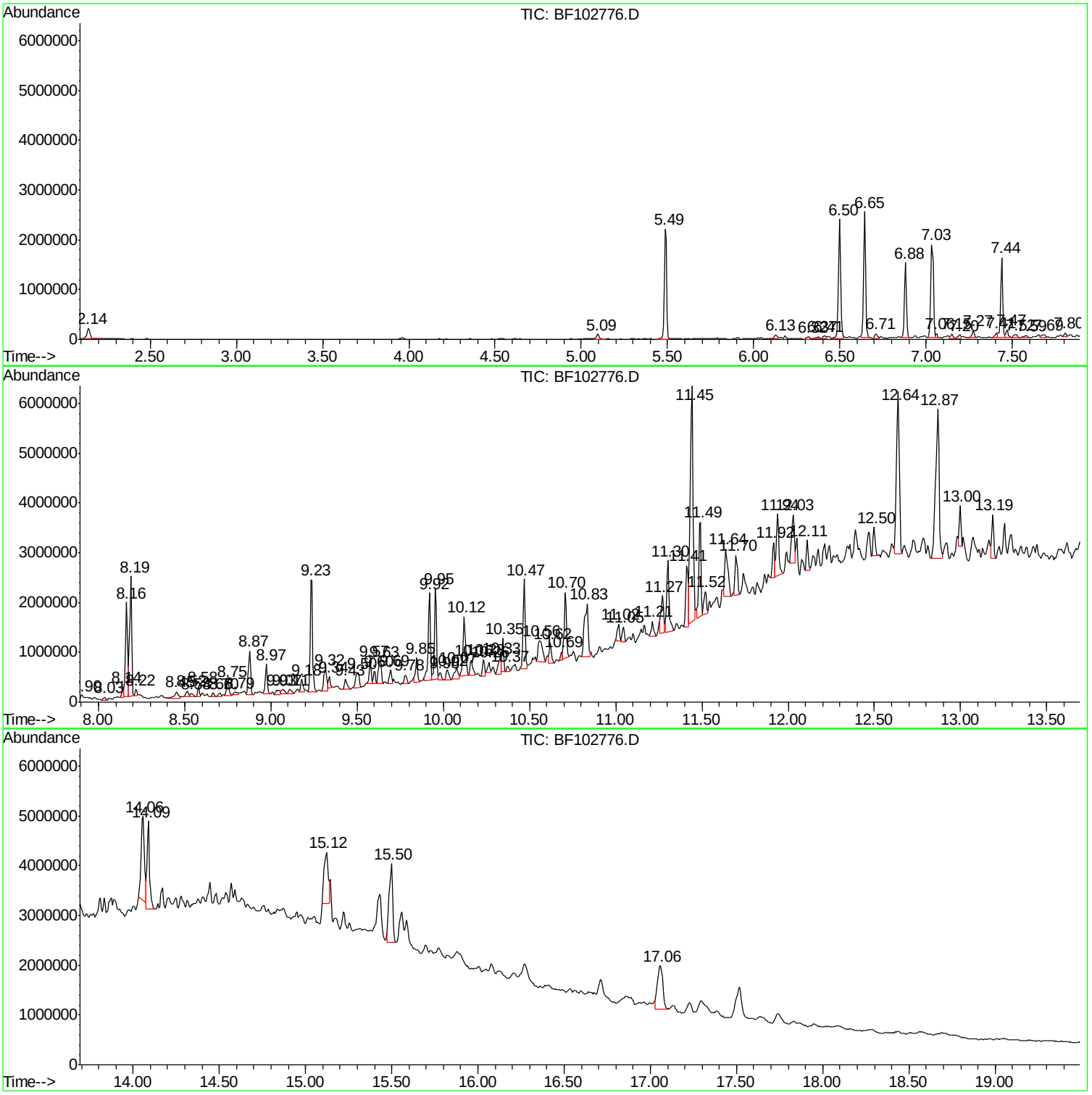
Sum of corrected areas: 75107445

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-8-EW(4-7)

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 : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

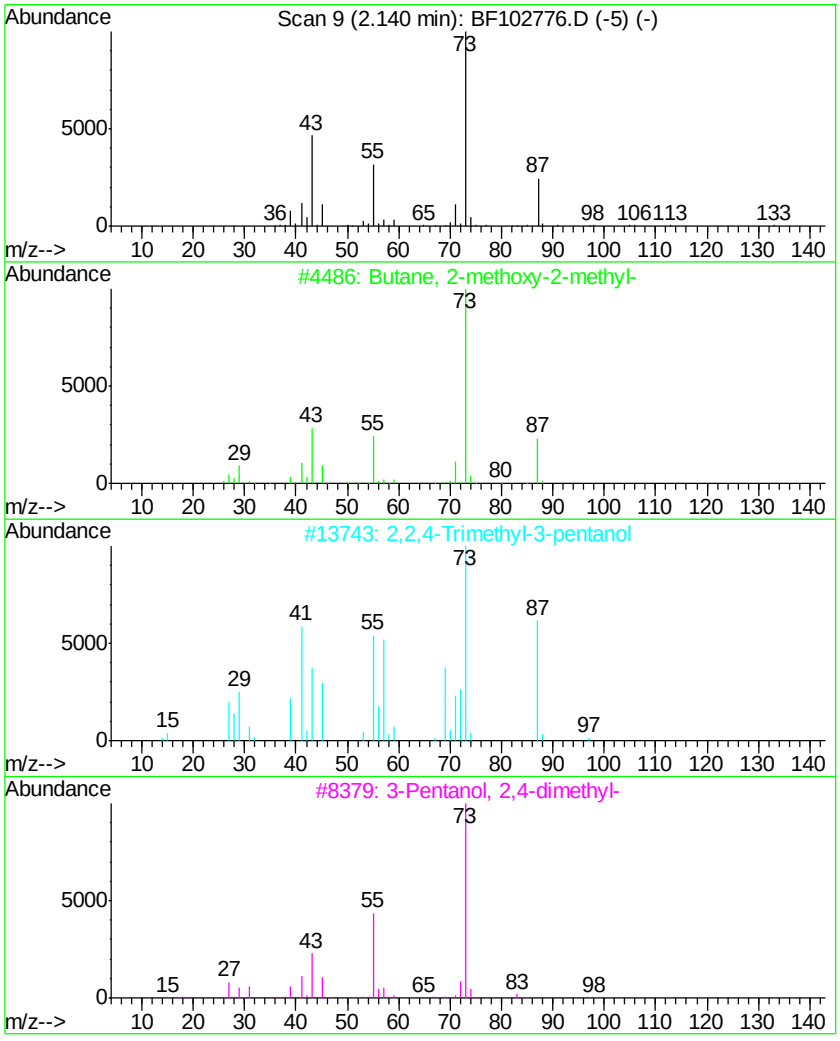
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

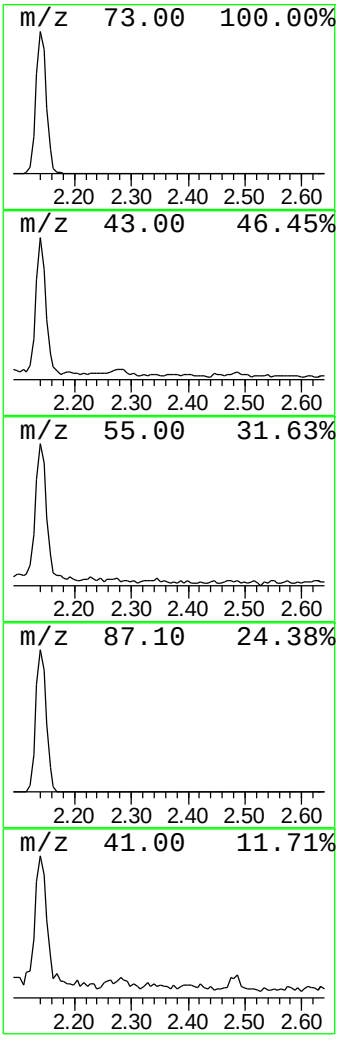
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	4.35 ng	288307	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

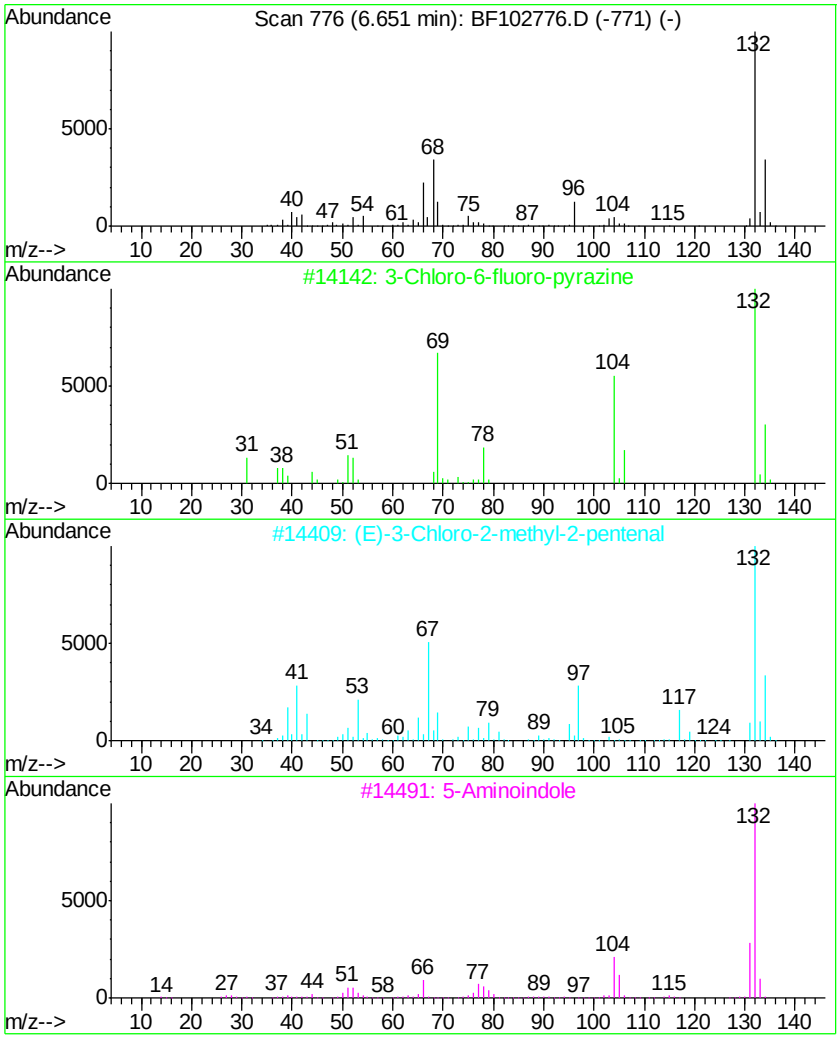
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

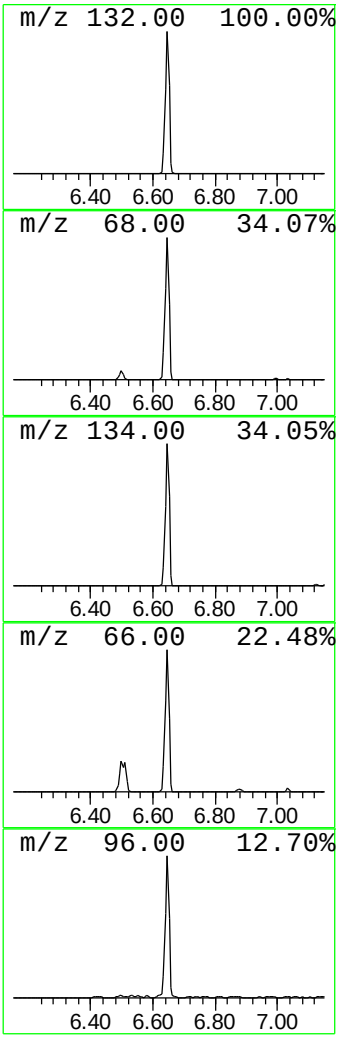
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	33.15 ng	2195390	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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

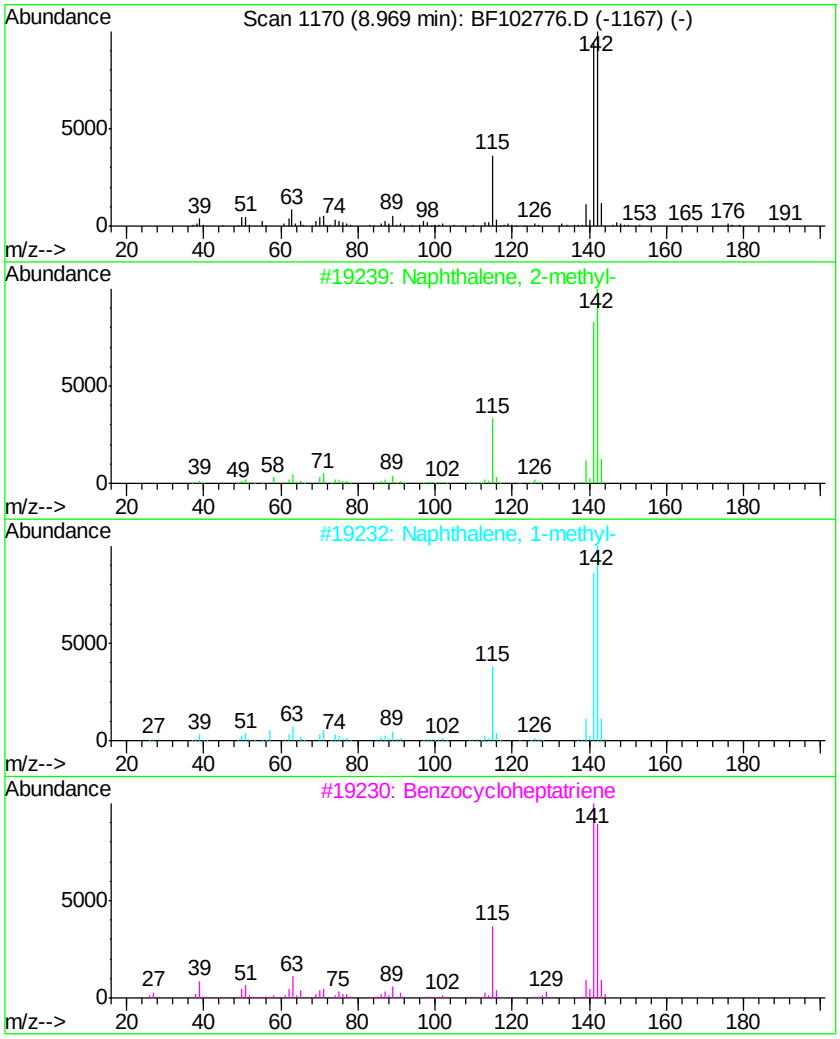
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

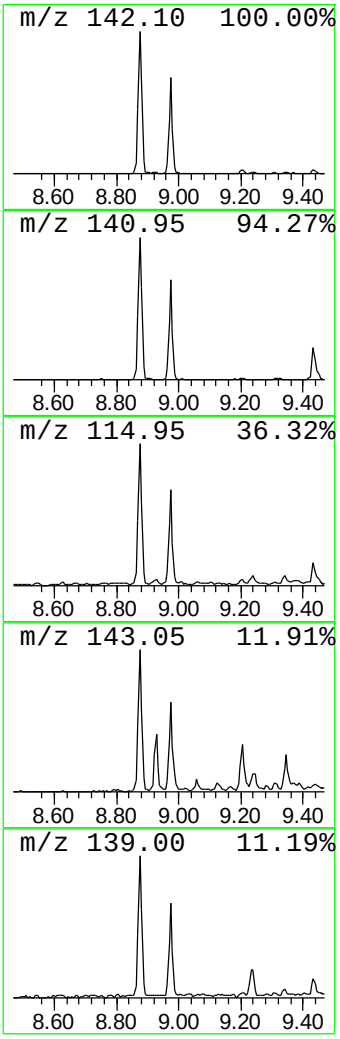
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.82 ng	516841	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

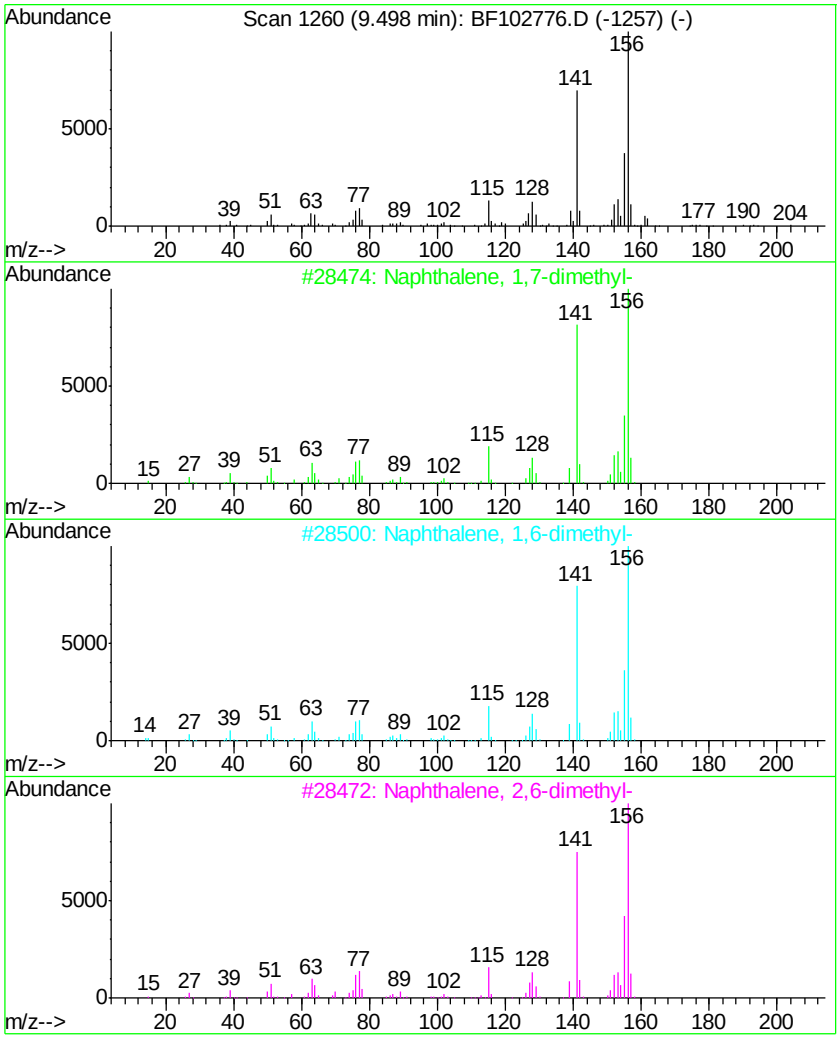
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

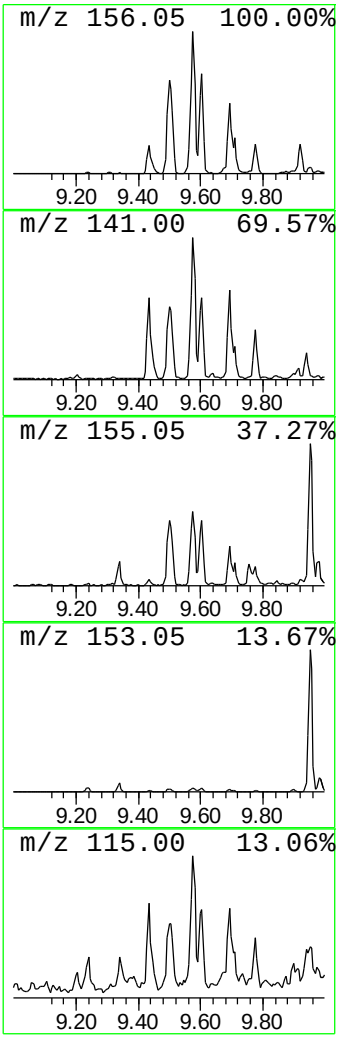
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	4.38 ng	385115	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

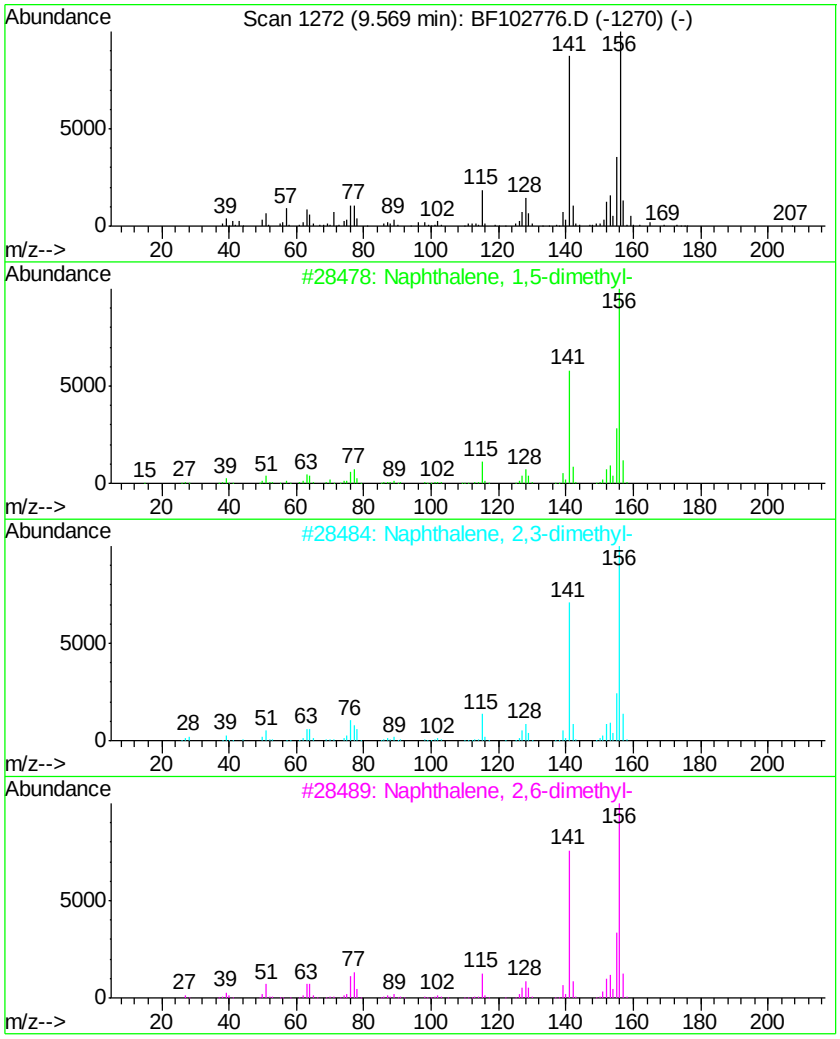
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

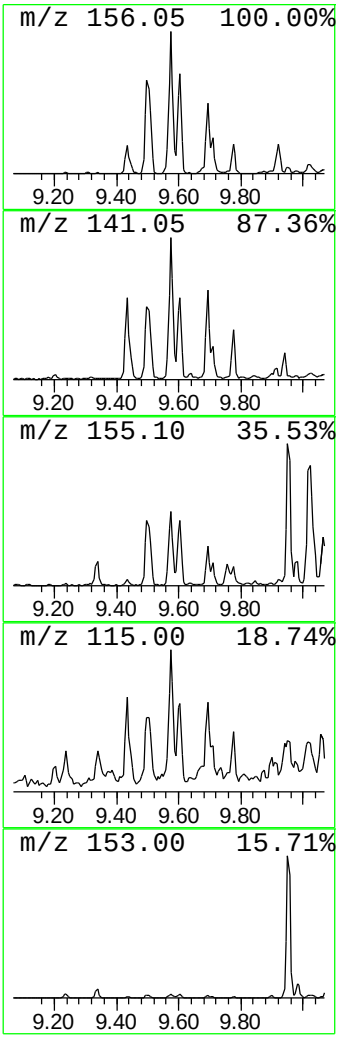
****

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	4.12 ng	361946	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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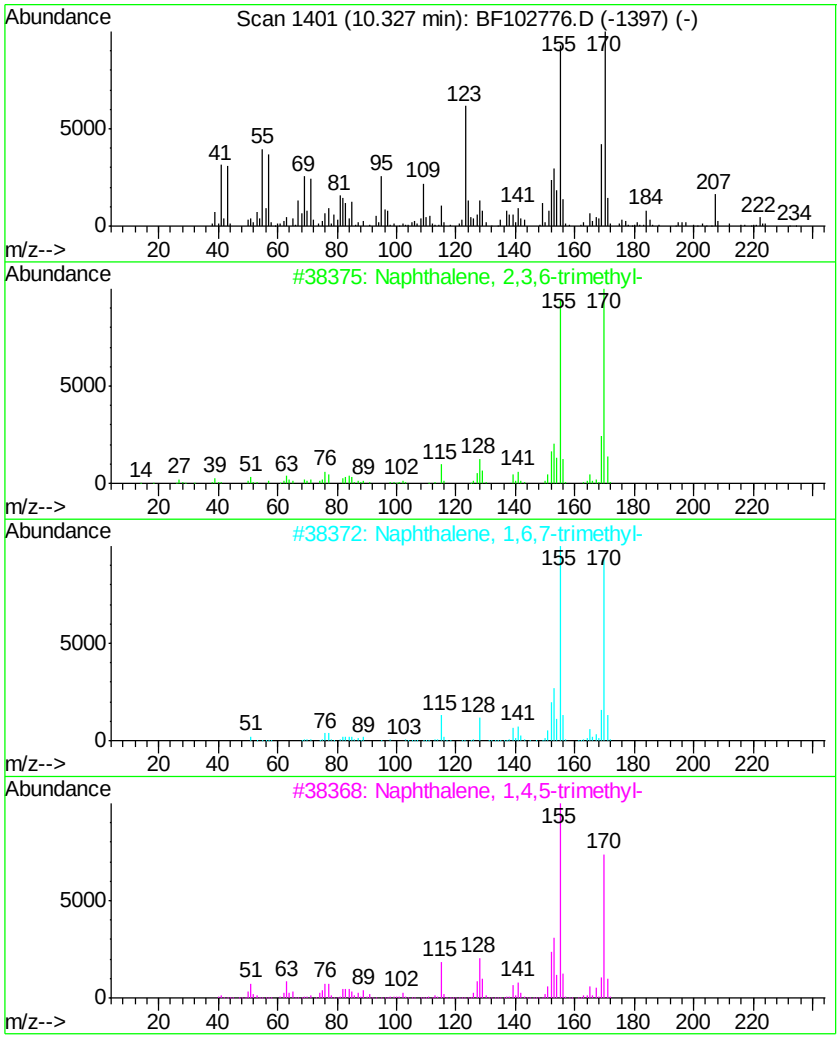
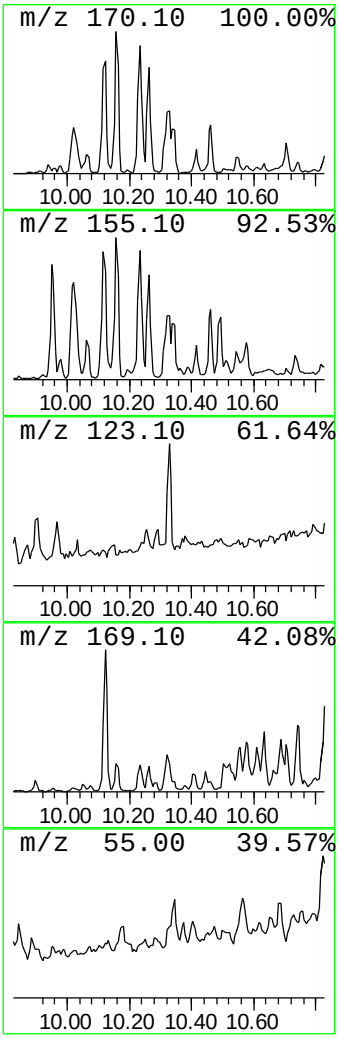
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.00 ng	351440	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60





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Acq On : 6 Feb 2018 11:42
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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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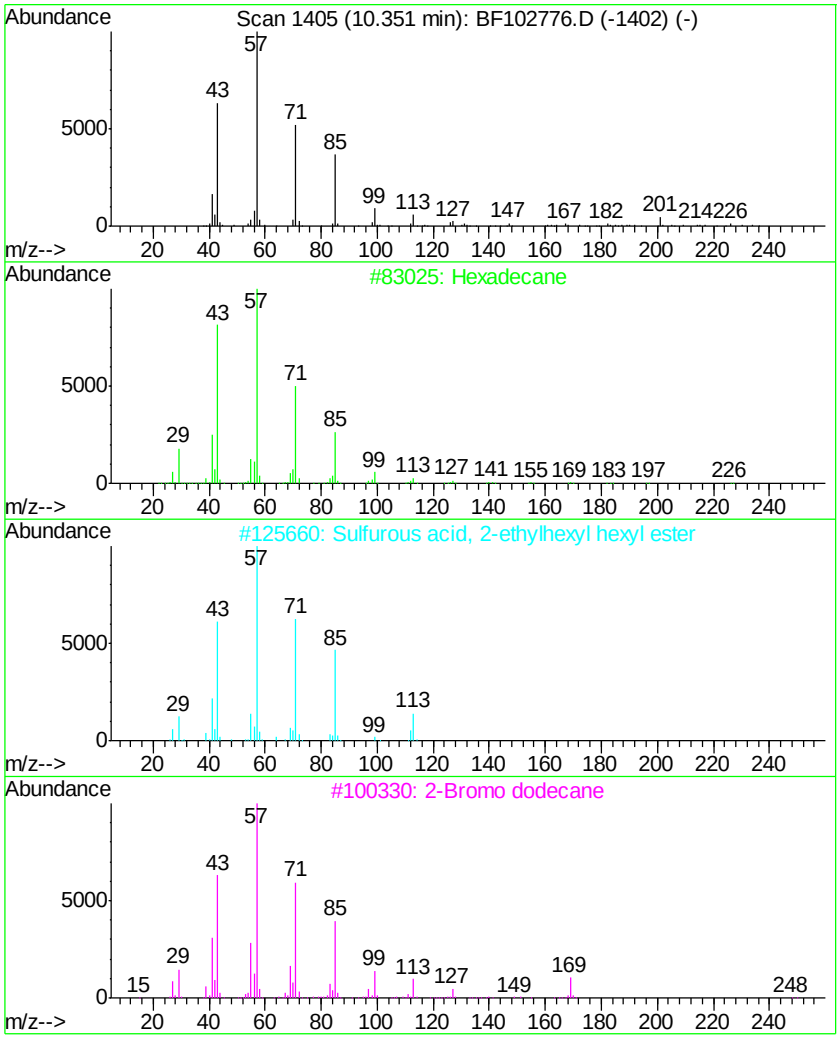
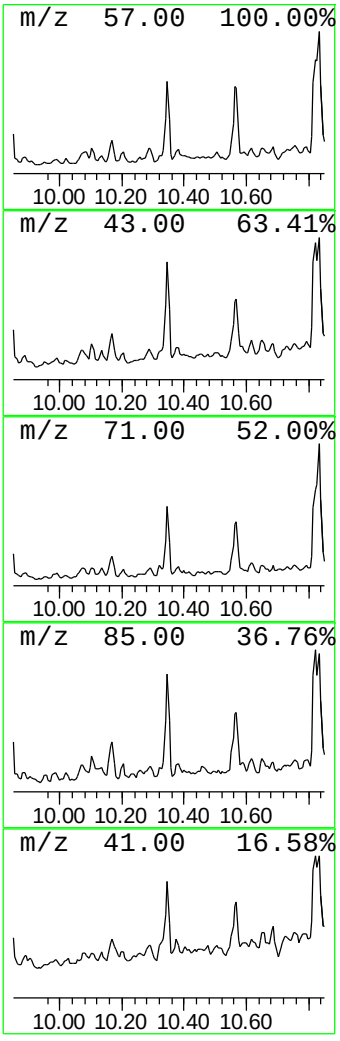
Peak Number 9 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.44 ng	477902	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Nonadecane	268	C19H40	000629-92-5	59





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Acq On : 6 Feb 2018 11:42
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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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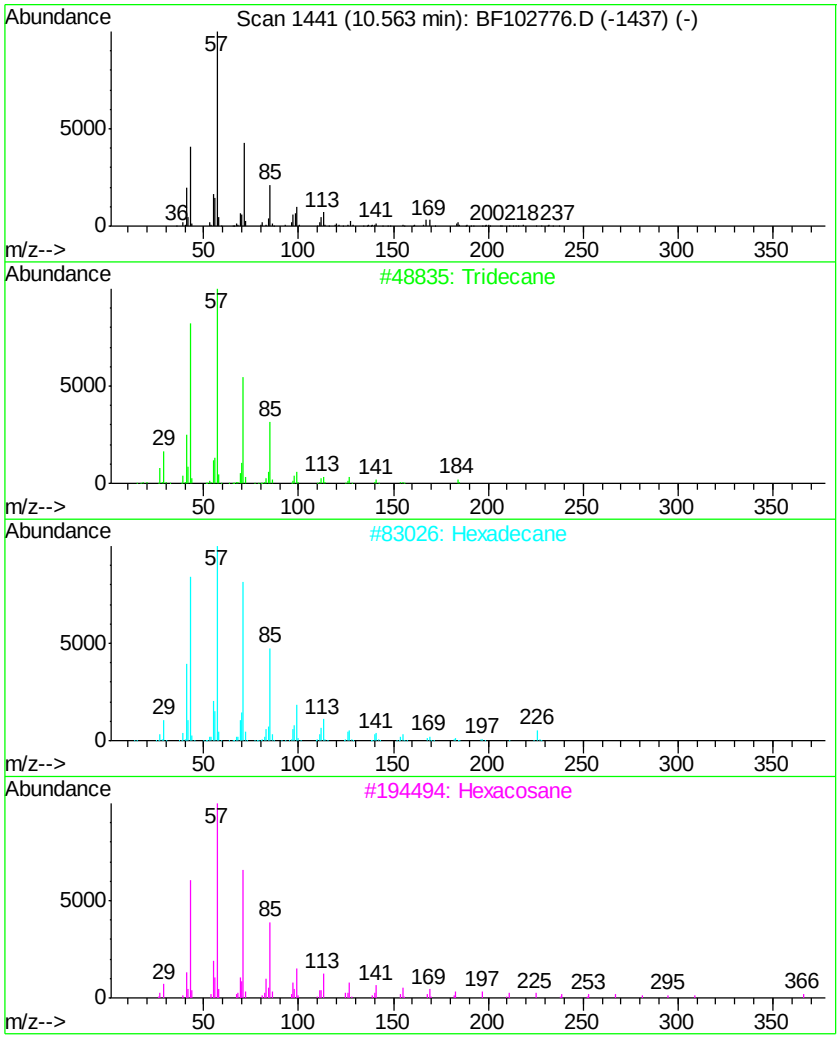
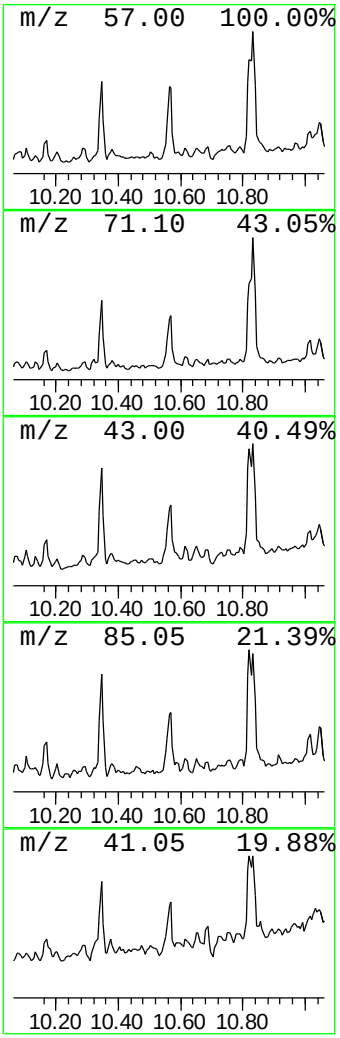
Peak Number 10 unknown10.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	8.13 ng	714304	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	42
2	Hexadecane	226	C16H34	000544-76-3	25
3	Hexacosane	366	C26H54	000630-01-3	25
4	Octacosane	394	C28H58	000630-02-4	25
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	25





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Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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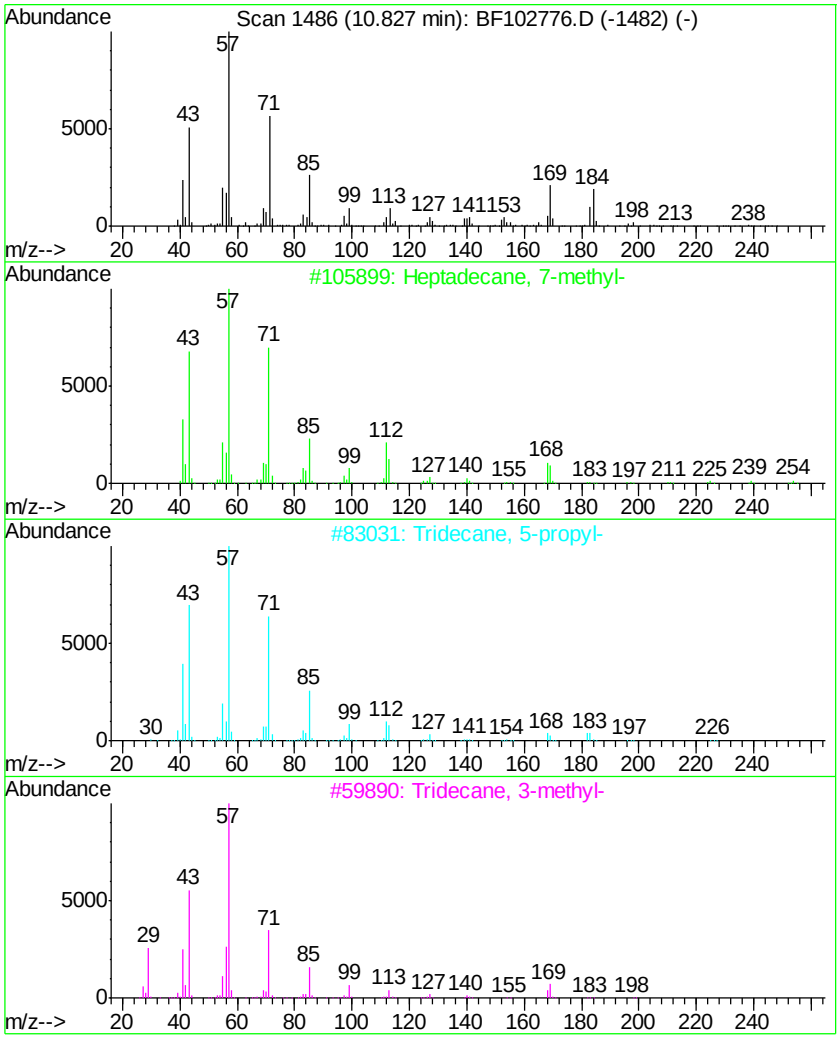
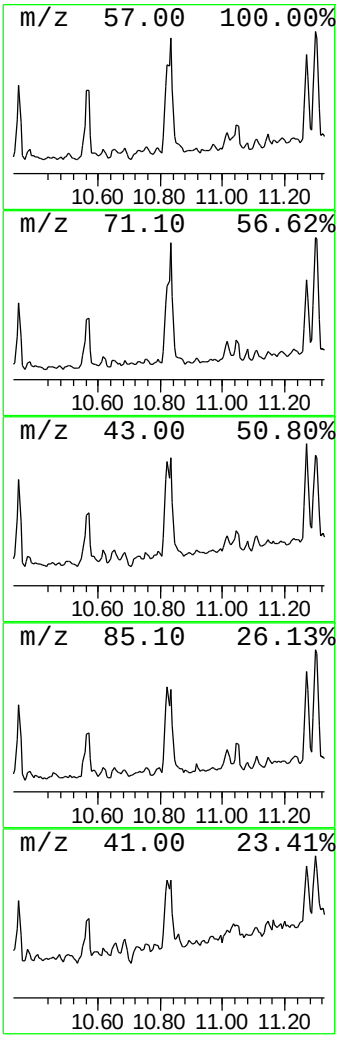
Peak Number 11 Heptadecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	20.52 ng	1482980	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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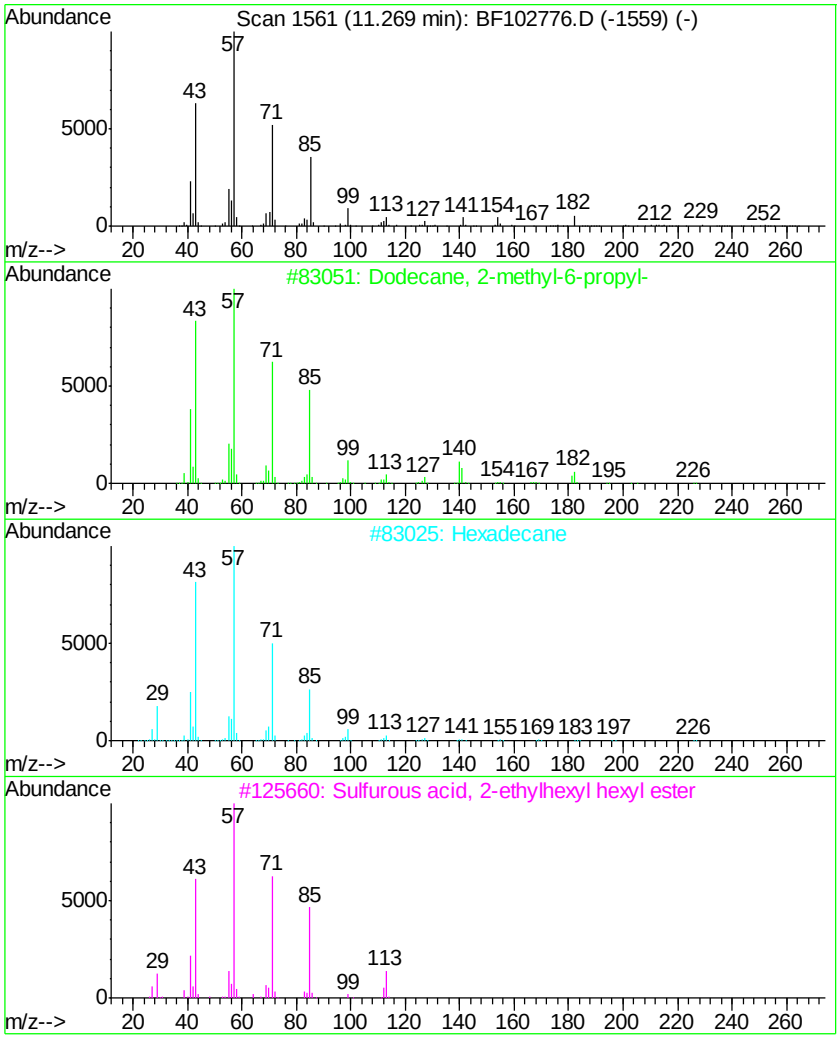
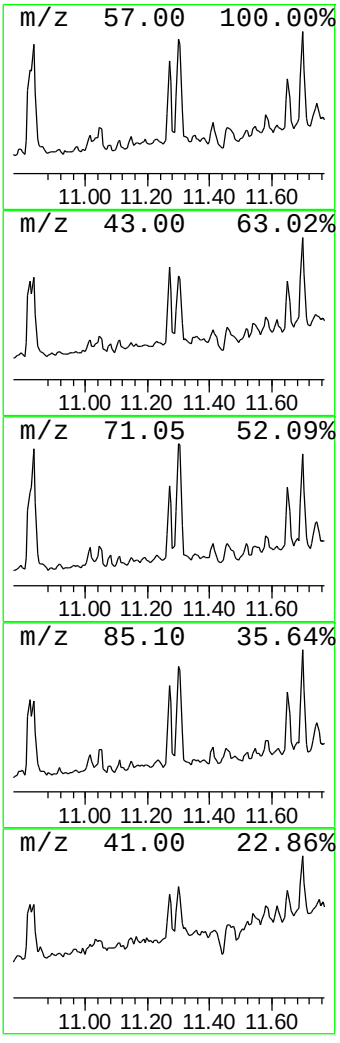
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	9.12 ng	659447	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Triacontane	422	C30H62	000638-68-6	64





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Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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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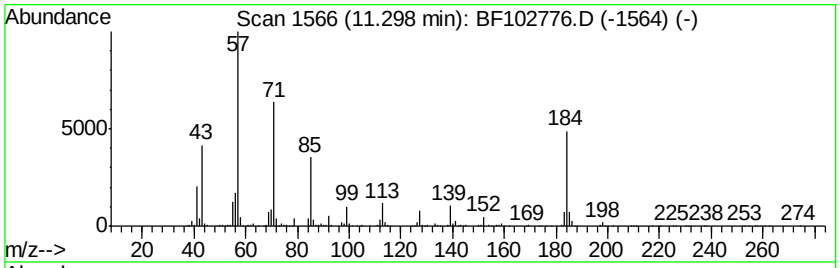
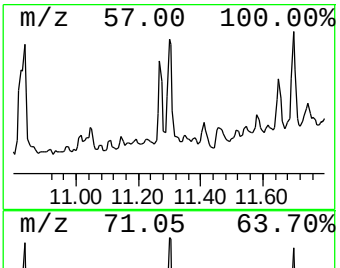
Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	20.75 ng	1499540	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	53
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	52
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	43





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Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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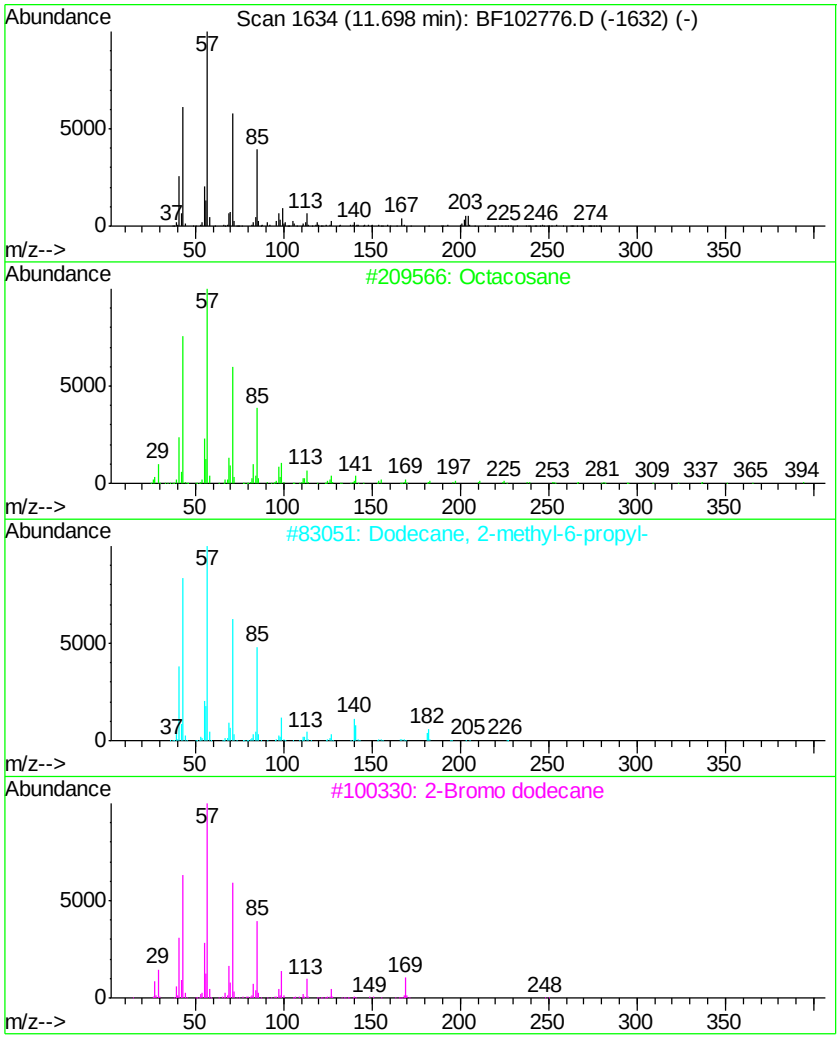
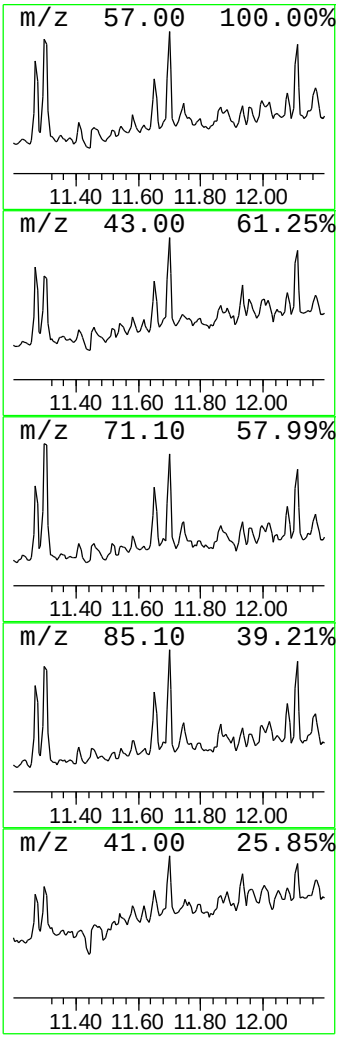
Peak Number 14 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.91 ng	644227	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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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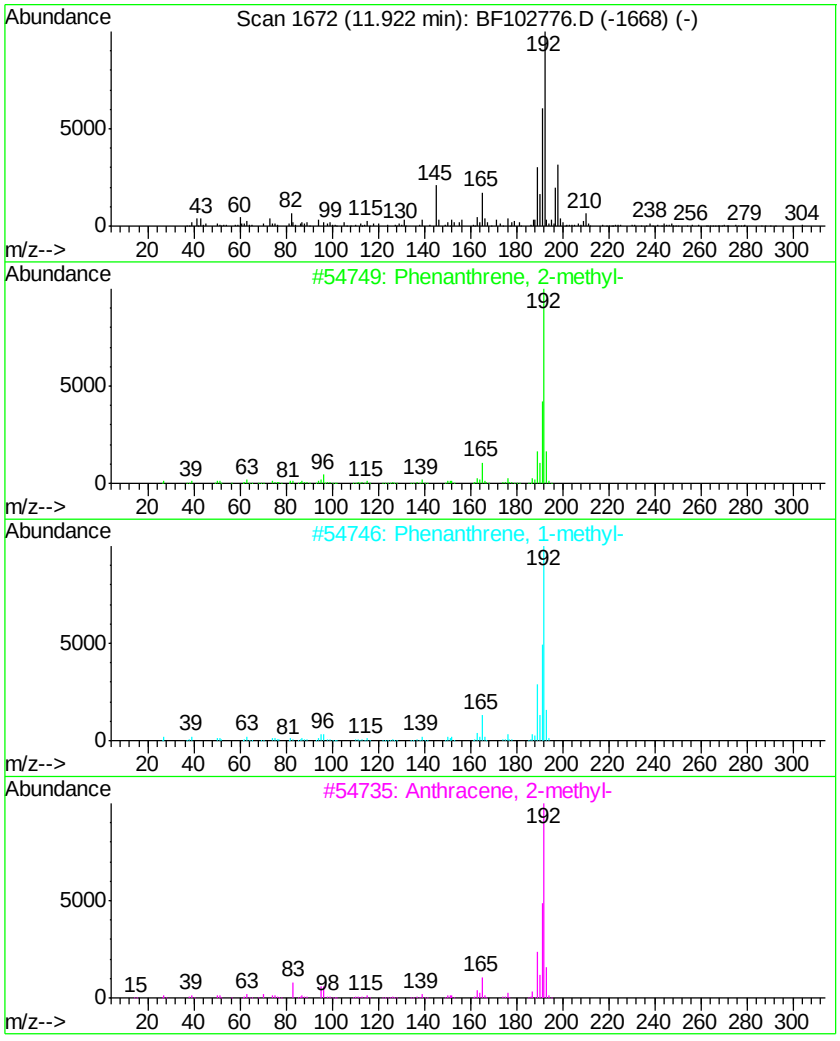
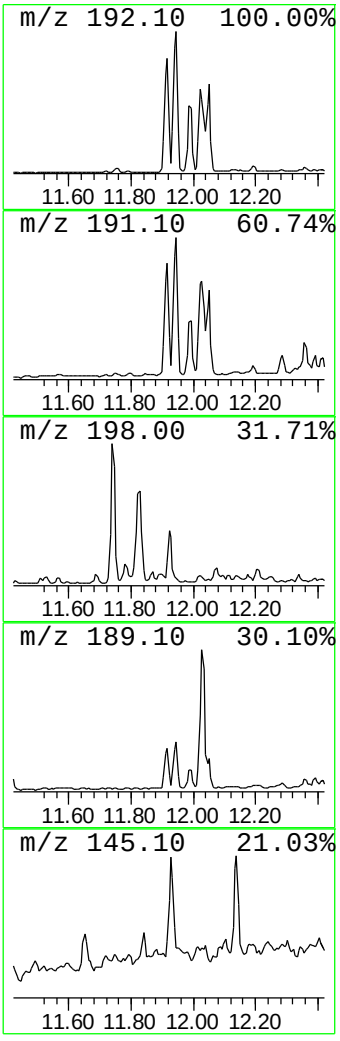
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.20 ng	664756	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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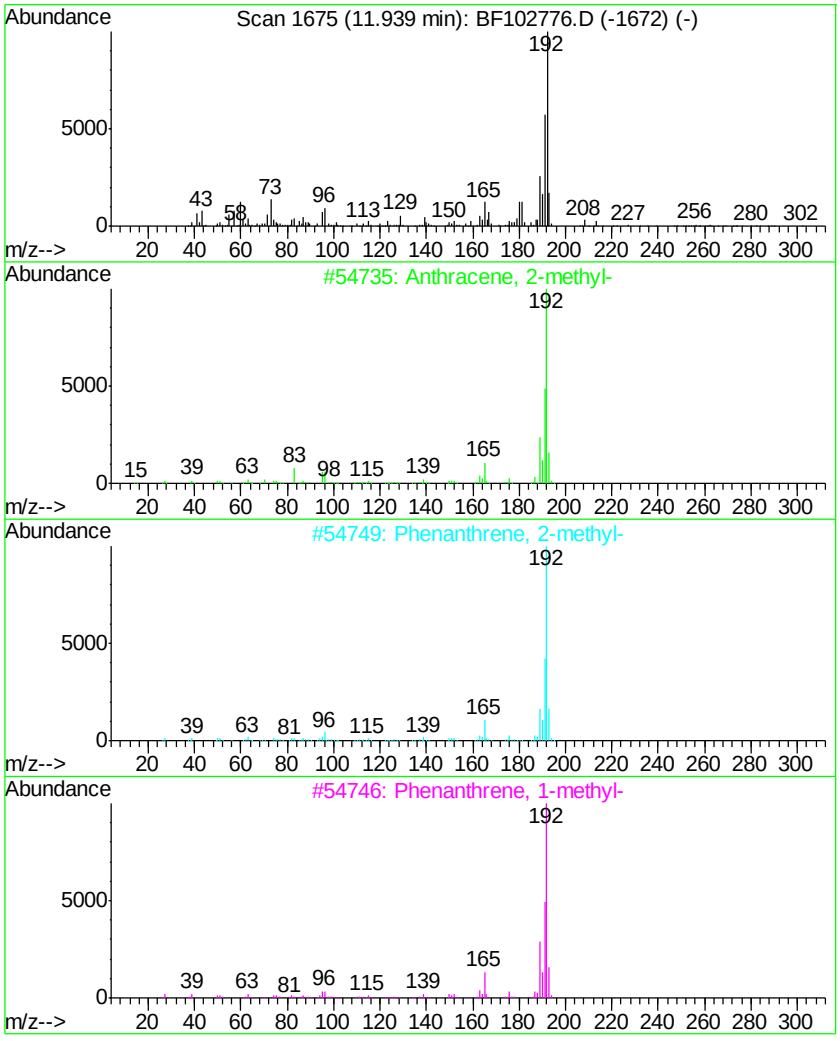
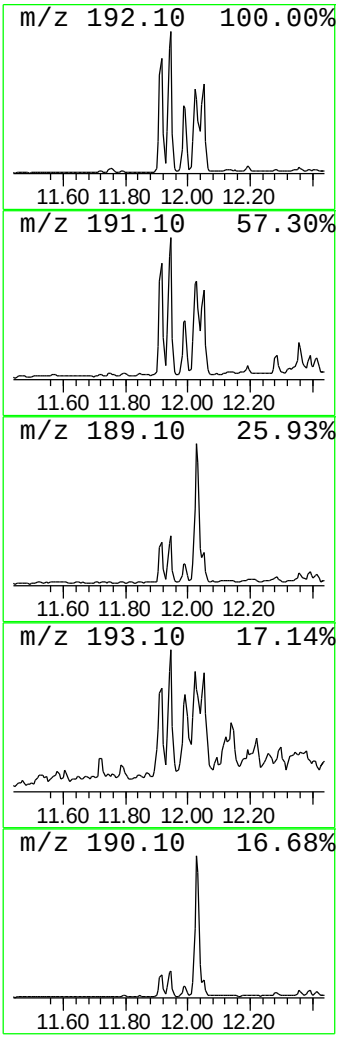
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.75 ng	1355240	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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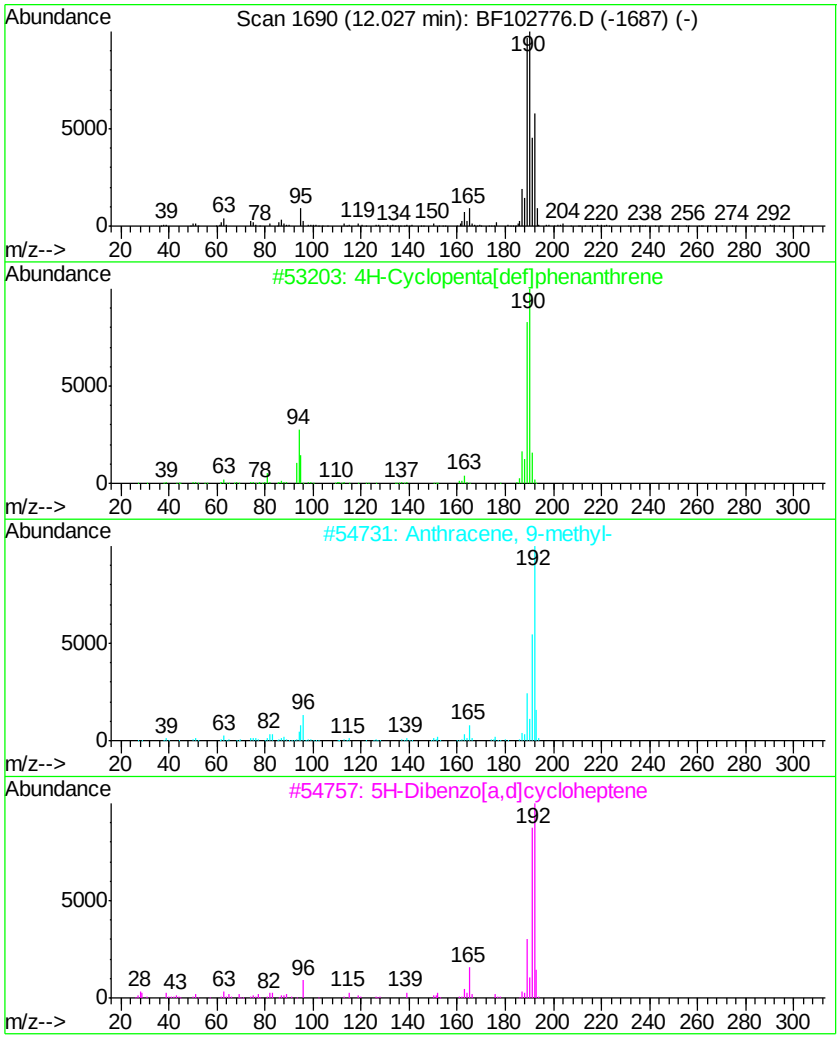
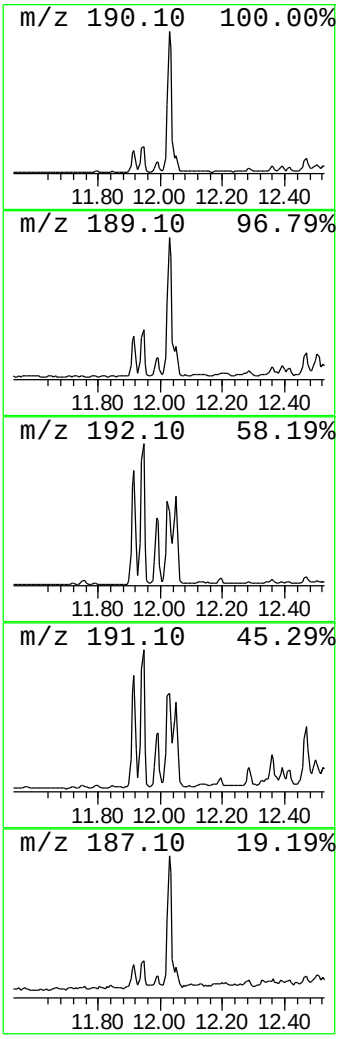
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	14.26 ng	1030630	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	18
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	18





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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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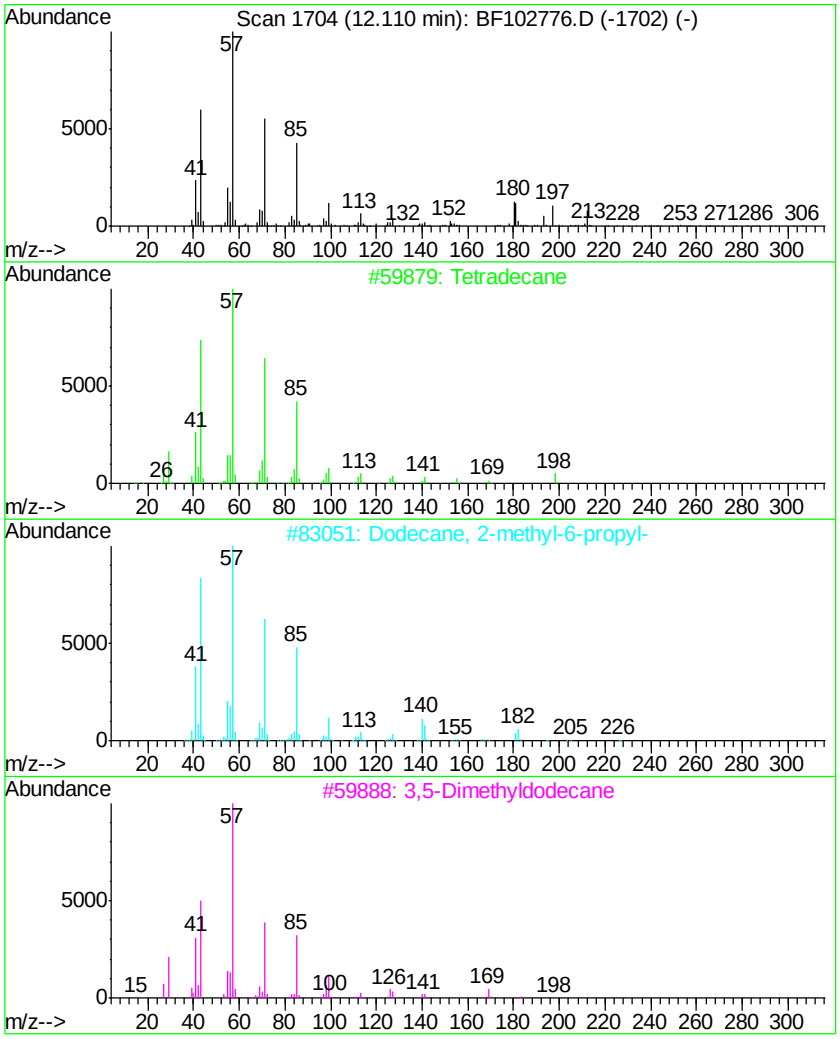
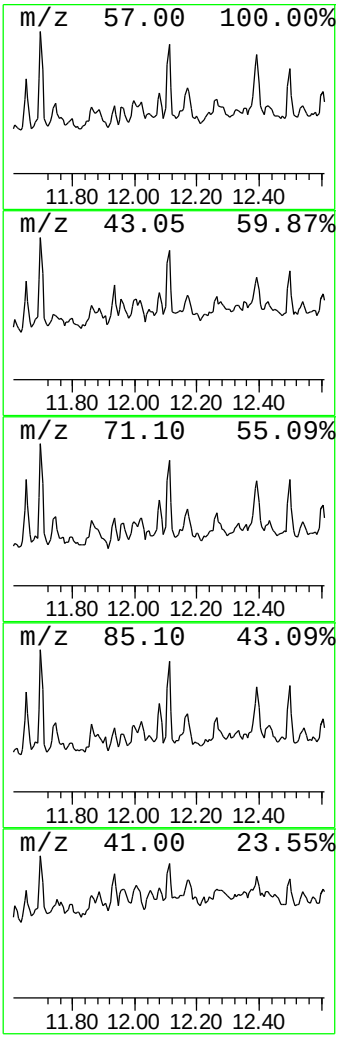
Peak Number 18 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.09 ng	512241	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50





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Acq On : 6 Feb 2018 11:42
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Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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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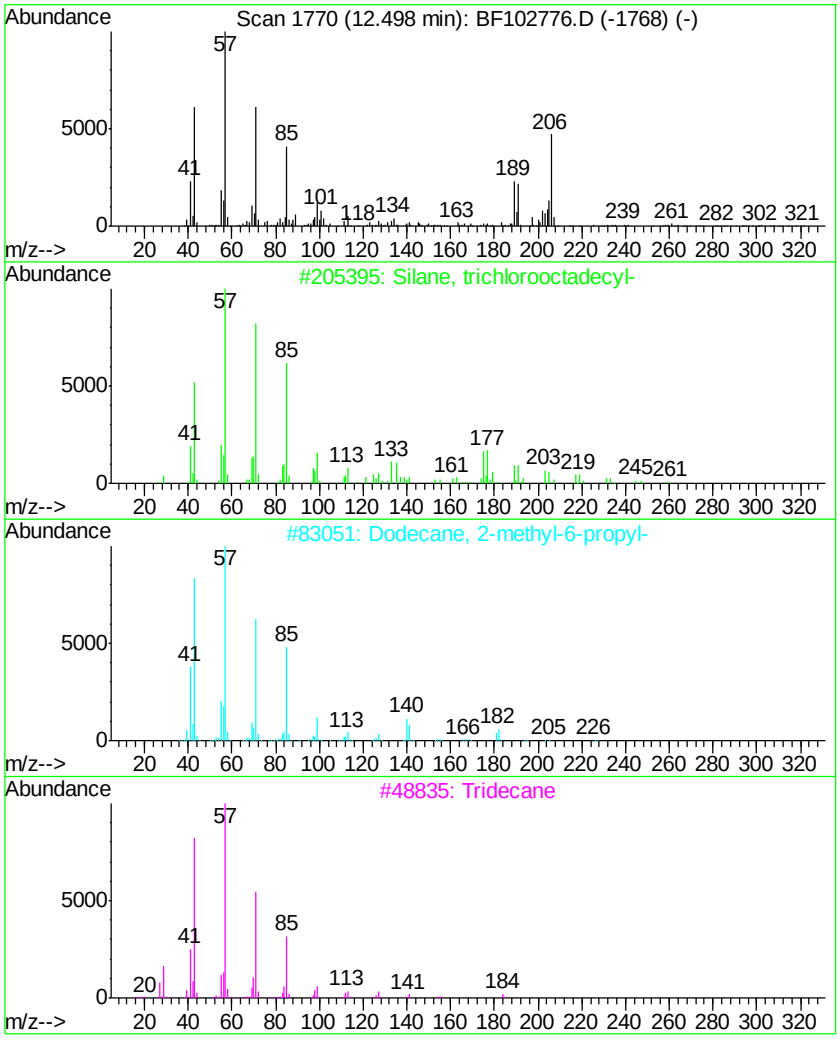
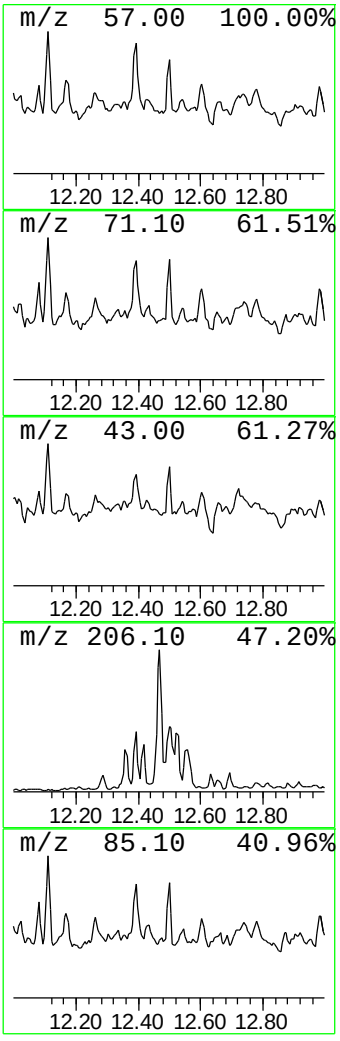
Peak Number 19 unknown12.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	7.01 ng	506928	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
3	Tridecane	184	C13H28	000629-50-5	43
4	1-Iodoundecane	282	C11H23I	004282-44-4	42
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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

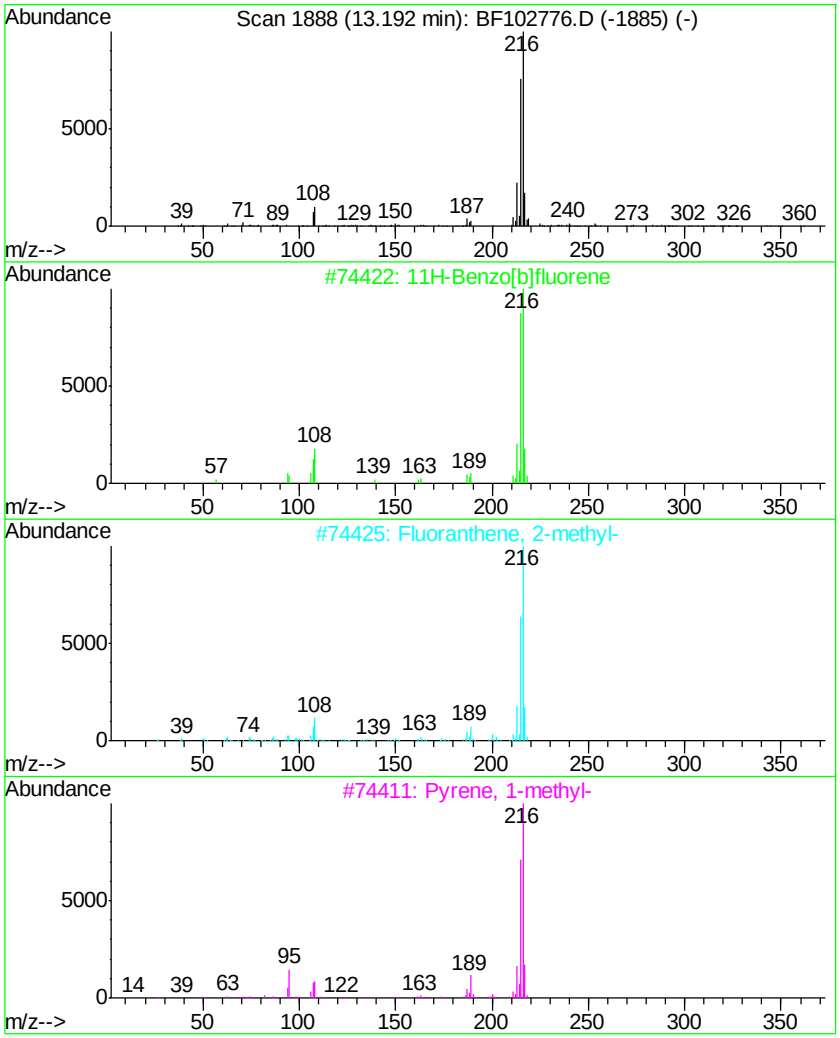
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

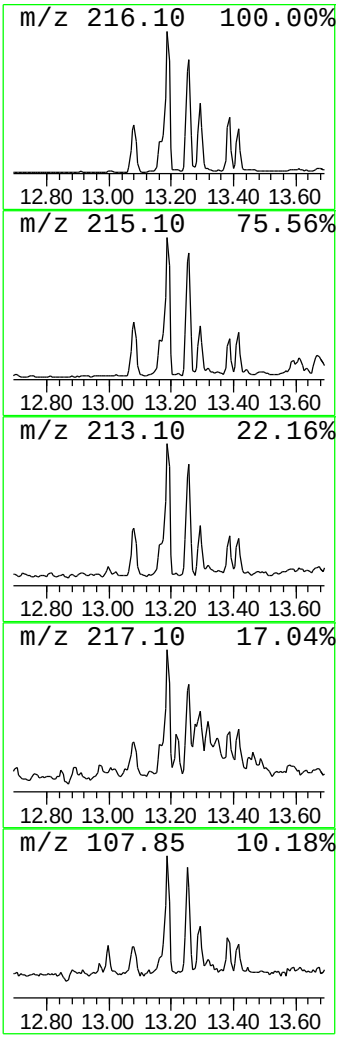
****

Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.13 ng	735177	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102776.D
Acq On : 6 Feb 2018 11:42
Operator : SJ/JU
Sample : J1454-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-8-EW(4-7)

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...	2.14	4.3	ng	288307	1	6.88	1324590	20.0
unknown6.65	6.65	33.1	ng	2195390	1	6.88	1324590	20.0
Naphthalene, 1-me...	8.97	5.8	ng	516841	2	8.16	1774800	20.0
Naphthalene, 1,7-...	9.50	4.4	ng	385115	3	9.92	1757110	20.0
Naphthalene, 1,5-...	9.57	4.1	ng	361946	3	9.92	1757110	20.0
Naphthalene, 2,3,...	10.33	4.0	ng	351440	3	9.92	1757110	20.0
Hexadecane	10.35	5.4	ng	477902	3	9.92	1757110	20.0
unknown10.56	10.56	8.1	ng	714304	3	9.92	1757110	20.0
Heptadecane, 7-me...	10.83	20.5	ng	1482980	4	11.41	1445440	20.0
Dodecane, 2-methy...	11.27	9.1	ng	659447	4	11.41	1445440	20.0
Naphtho[2,1-b]thi...	11.30	20.8	ng	1499540	4	11.41	1445440	20.0
Octacosane	11.70	8.9	ng	644227	4	11.41	1445440	20.0
Phenanthrene, 2-m...	11.92	9.2	ng	664756	4	11.41	1445440	20.0
Anthracene, 2-met...	11.94	18.8	ng	1355240	4	11.41	1445440	20.0
4H-Cyclopenta[def...	12.03	14.3	ng	1030630	4	11.41	1445440	20.0
Tetradecane	12.11	7.1	ng	512241	4	11.41	1445440	20.0
unknown12.50	12.50	7.0	ng	506928	4	11.41	1445440	20.0
11H-Benzo[b]fluorene	13.19	6.1	ng	735177	5	14.06	2399480	20.0