LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	5.231	488	492	497	rBV2	30495	40286	2.81%	0.192%
2	5.613	552	557	566	rBV	677869	663082	46.27%	3.167%
3	6.519	707	711	715	rBV2	11183	15838	1.11%	0.076%
4	6.607	722	726	734	rBV	761487	716280	49.99%	3.421%
5	6.766	749	753	756	rBV	773663	721565	50.35%	3.446%
6	6.819	759	762	765	rVB	66019	53715	3.75%	0.257%
7	6.995	788	792	796	rBV	1057714	936831	65.38%	4.475%
8	7.154	815	819	827	rVB	650516	586108	40.90%	2.799%
9	7.313	843	846	851	rVB2	13860	17428	1.22%	0.083%
10	7.519	876	881	883	rBV4	15719	20614	1.44%	0.098%
11	7.554	883	887	890	rBV	502547	470991	32.87%	2.250%
12	8.242	1001	1004	1006	rBV	69663	56447	3.94%	0.270%
13	8.284	1006	1011	1014	rVV	1357837	1240507	86.57%	5.925%
14	8.319	1016	1017	1020	rVV	46444	40684	2.84%	0.194%
15	8.360	1020	1024	1029	rVB5	15963	25984	1.81%	0.124%
16	8.560	1055	1058	1063	rVB3	28470	33968	2.37%	0.162%
17	8.684	1076	1079	1082	rVB	60060	42366	2.96%	0.202%
18	8.783	1092	1096	1098	rBV3	15743	15697	1.10%	0.075%
19	8.854	1103	1108	1112	rVV	145836	125002	8.72%	0.597%
20	8.948	1121	1124	1127	rVB	17683	16169	1.13%	0.077%
21	8.995	1129	1132	1135	rBV	114778	90319	6.30%	0.431%
22	9.048	1138	1141	1144	rBV4	14706	18703	1.31%	0.089%
23	9.095	1146	1149	1152	rBV	67281	54761	3.82%	0.262%
24	9.183	1161	1164	1167	rVB4	25089	27146	1.89%	0.130%
25	9.219	1167	1170	1173	rBV	39509	34378	2.40%	0.164%
26	9.260	1174	1177	1178	rBV	25797	18941	1.32%	0.090%
27	9.283	1178	1181	1183	rVB	79891	60430	4.22%	0.289%
28	9.354	1189	1193	1199	rBV	1044831	902675	62.99%	4.311%
29	9.419	1201	1204	1208	rBV	264232	218795	15.27%	1.045%
30	9.460	1208	1211	1214	rVB2	28495	30161	2.10%	0.144%
31	9.554	1225	1227	1231	rVB	24576	22243	1.55%	0.106%
32	9.619	1234	1238	1243	rBV	91174	144571	10.09%	0.691%
33	9.695	1248	1251	1253	rVV	128452	128276	8.95%	0.613%
34	9.725	1253	1256	1257	rVV	98557	97426	6.80%	0.465%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.742	1257	1259	1266	rVB3	210442	227033	15.84%	1.084%
36	9.813	1266	1271	1276	rBV2	54940	102406	7.15%	0.489%
37	9.895	1283	1285	1288	rBV2	43567	42908	2.99%	0.205%
38	9.948	1291	1294	1299	rVB	346245	290096	20.24%	1.386%
39	9.989	1299	1301	1304	rBV3	21847	26633	1.86%	0.127%
40	10.042	1304	1310	1314	rBV	1572861	1405942	98.11%	6.715%
41	10.142	1322	1327	1331	rBV	56745	88591	6.18%	0.423%
42	10.183	1331	1334	1337	rVV3	47237	64106	4.47%	0.306%
43	10.207	1337	1338	1341	rVV	45077	39380	2.75%	0.188%
44	10.236	1341	1343	1347	rVV2	109413	119615	8.35%	0.571%
45	10.278	1347	1350	1354	rVV3	119559	149113	10.41%	0.712%
46	10.307	1354	1355	1359	rVB3	41245	36770	2.57%	0.176%
47	10.354	1360	1363	1366	rBV2	79356	85155	5.94%	0.407%
48	10.383	1366	1368	1374	rVB2	81661	82150	5.73%	0.392%
49	10.448	1374	1379	1383	rBV	399524	415651	29.01%	1.985%
50	10.483	1383	1385	1387	rVB	28005	19984	1.39%	0.095%
51	10.566	1396	1399	1400	rBV3	21299	21082	1.47%	0.101%
52	10.583	1400	1402	1405	rVV3	45804	51741	3.61%	0.247%
53	10.672	1413	1417	1420	rBV	219357	221326	15.45%	1.057%
54	10.695	1420	1421	1424	rVB2	38669	24599	1.72%	0.117%
55	10.725	1424	1426	1428	rBV2	40663	38362	2.68%	0.183%
56	10.754	1428	1431	1435	rVB3	47683	48280	3.37%	0.231%
57	10.795	1435	1438	1441	rBV3	52429	45201	3.15%	0.216%
58	10.830	1441	1444	1448	rBV	493955	500072	34.90%	2.388%
59	10.925	1457	1460	1470	rVB2	423752	684032	47.74%	3.267%
60	11.001	1471	1473	1474	rBV	21502	17531	1.22%	0.084%
61	11.025	1475	1477	1479	rVB2	26770	23070	1.61%	0.110%
62	11.119	1490	1493	1495	rBV3	43585	48127	3.36%	0.230%
63	11.254	1513	1516	1517	rBV2	51215	51092	3.57%	0.244%
64	11.272	1517	1519	1521	rVV2	38019	36980	2.58%	0.177%
65	11.336	1528	1530	1533	rBV2	37539	36078	2.52%	0.172%
66	11.377	1534	1537	1539	rBV	312012	268681	18.75%	1.283%
67	11.407	1539	1542	1544	rVB	174077	159043	11.10%	0.760%
68	11.536	1558	1564	1567	rBV	1475333	1432973	100.00%	6.844%
69	11.560	1567	1568	1571	rVV	363796	244158	17.04%	1.166%
70	11.613	1575	1577	1581	rVV2	54927	74833	5.22%	0.357%
71	11.648	1581	1583	1587	rVB2	52600	57418	4.01%	0.274%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.689	1587	1590	1594	rBV4	47843	67601	4.72%	0.323%
73	11.760	1599	1602	1605	rVV2	87303	126842	8.85%	0.606%
74	11.801	1606	1609	1614	rVB	319430	289464	20.20%	1.383%
75	12.036	1647	1649	1651	rBV	88178	80293	5.60%	0.384%
76	12.066	1651	1654	1657	rVB	135884	133842	9.34%	0.639%
77	12.148	1665	1668	1671	rVB2	160314	149421	10.43%	0.714%
78	12.213	1676	1679	1682	rBV	259030	213605	14.91%	1.020%
79	12.601	1741	1745	1747	rBV2	223245	253873	17.72%	1.213%
80	12.660	1751	1755	1761	rVV4	115102	199636	13.93%	0.954%
81	12.754	1768	1771	1775	rVB	393699	381668	26.63%	1.823%
82	12.842	1783	1786	1789	rBV	206851	182756	12.75%	0.873%
83	12.989	1805	1811	1817	rBV2	341499	555218	38.75%	2.652%
84	13.060	1821	1823	1826	rVV3	92937	73283	5.11%	0.350%
85	13.118	1830	1833	1840	rVB	772199	858991	59.94%	4.103%
86	13.307	1863	1865	1867	rBV2	124500	107014	7.47%	0.511%
87	13.330	1867	1869	1873	rVB2	147033	165498	11.55%	0.790%
88	13.671	1925	1927	1930	rBV	117555	127645	8.91%	0.610%
89	14.189	2011	2015	2018	rBV2	910645	975238	68.06%	4.658%
90	15.677	2265	2268	2273	rVB	139100	186217	13.00%	0.889%
91	15.748	2275	2280	2287	rVB	614620	839999	58.62%	4.012%

Sum of corrected areas: 20936703

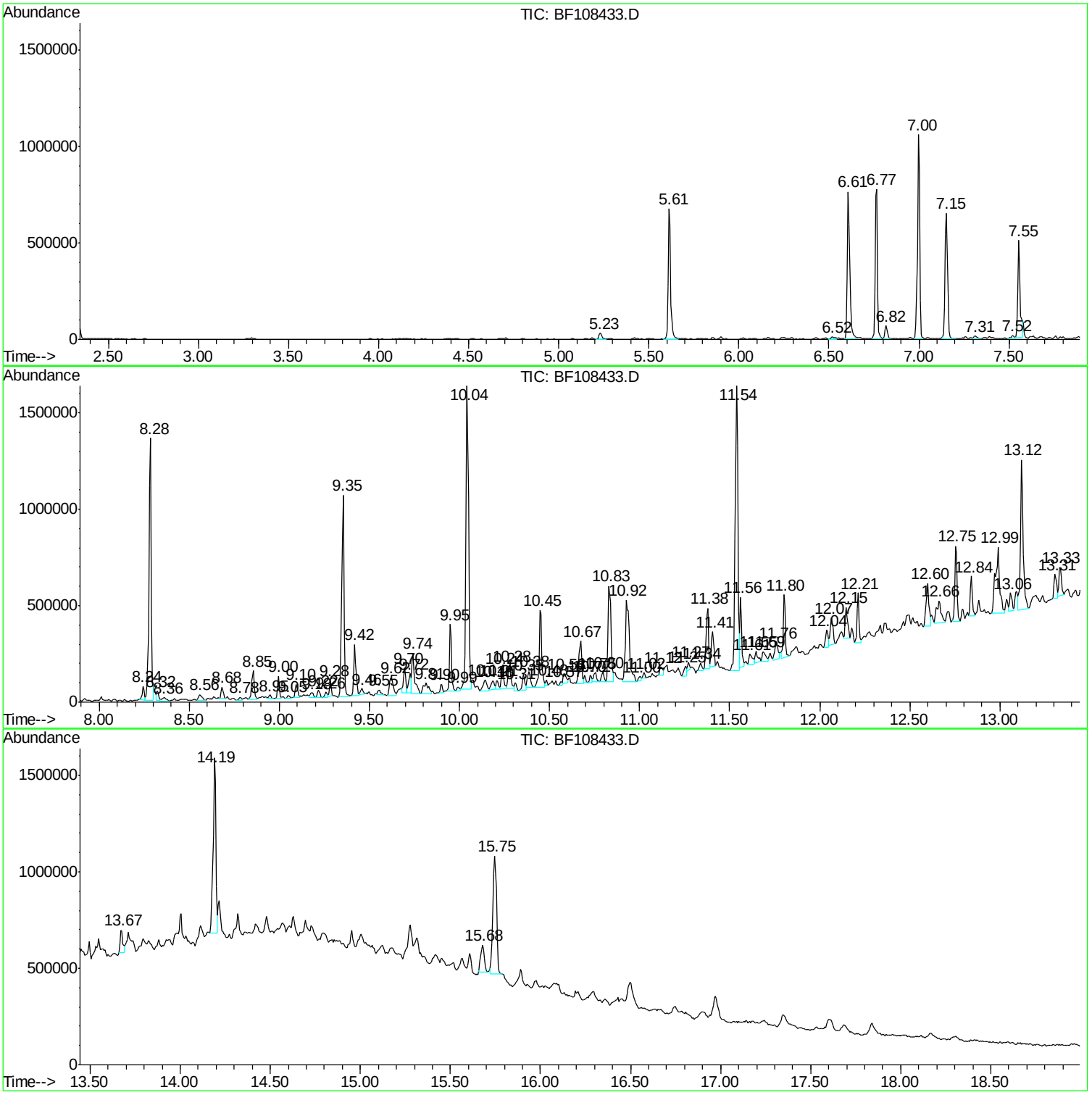
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

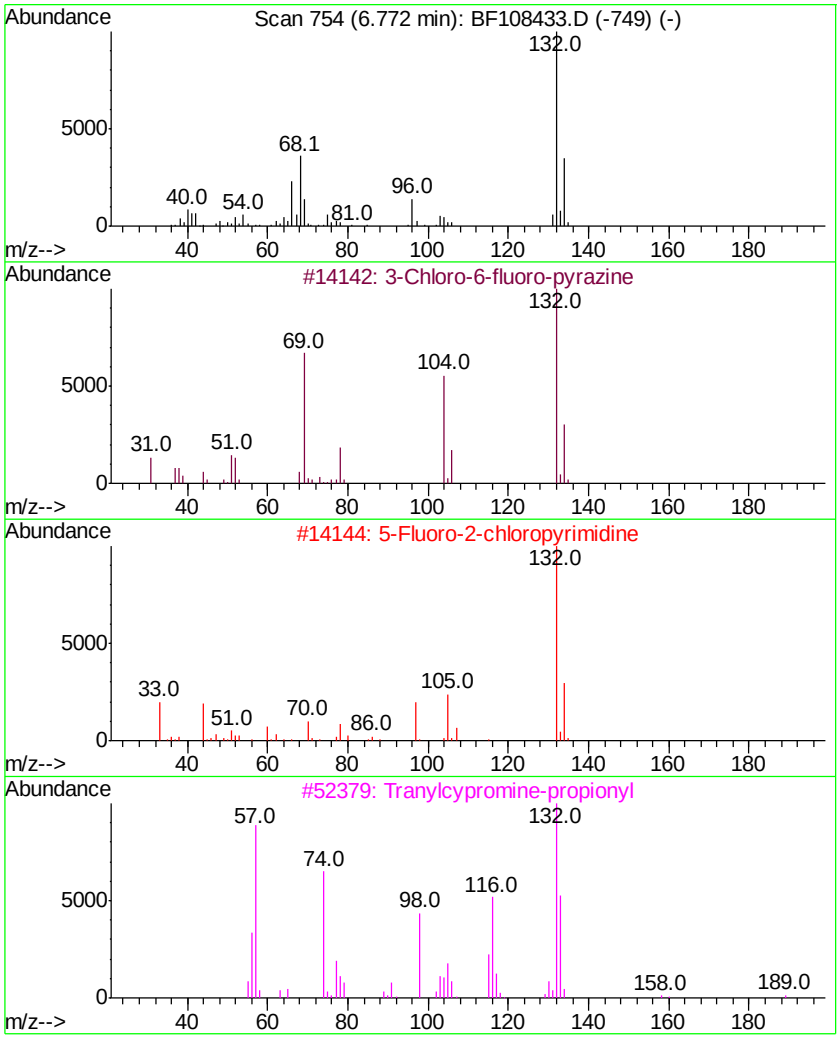
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

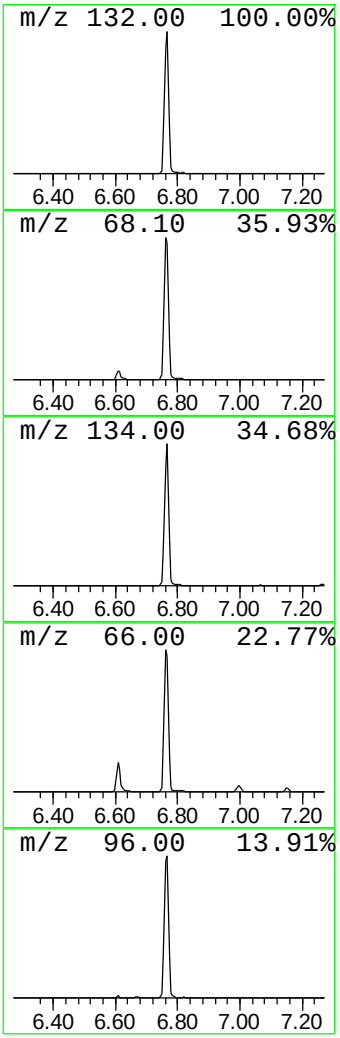
****

Peak Number 1 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	15.40 ng	721565	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

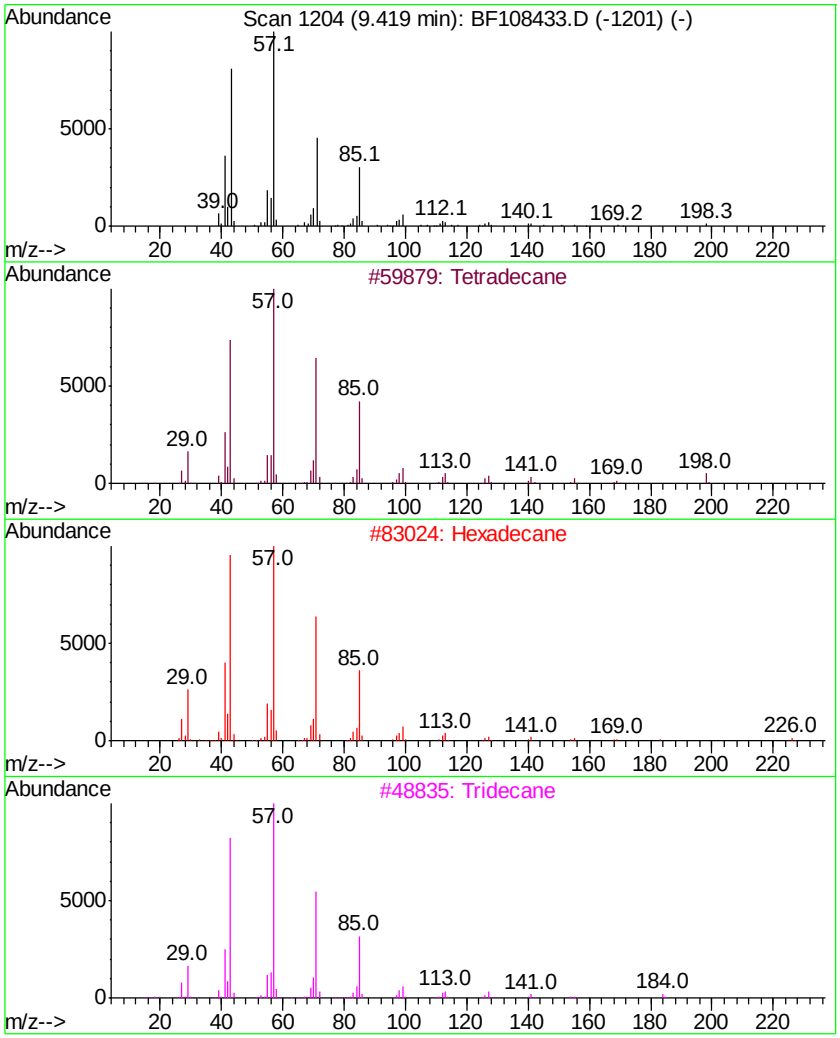
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

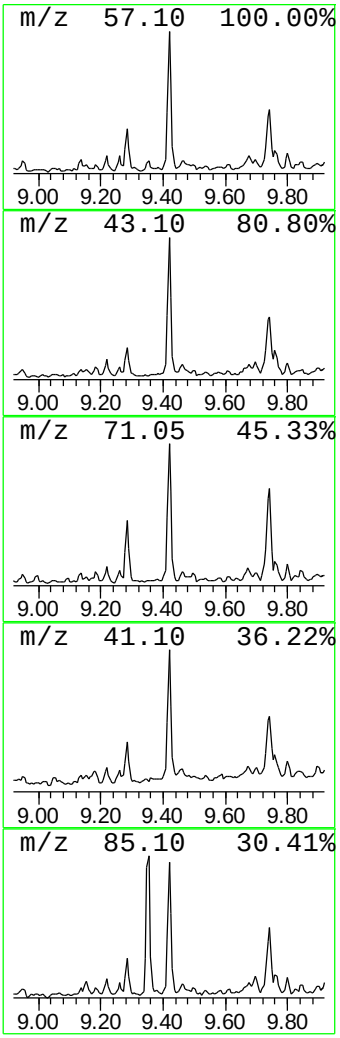
****

Peak Number 3 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.11 ng	218795	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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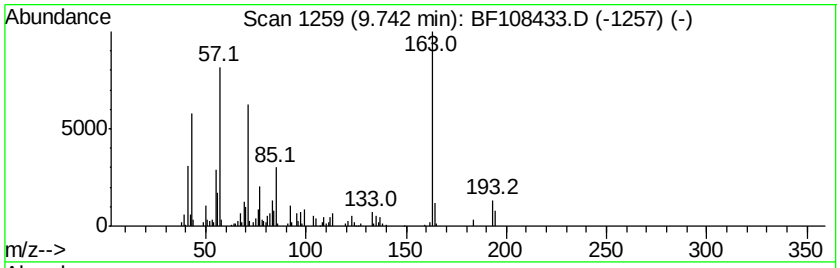
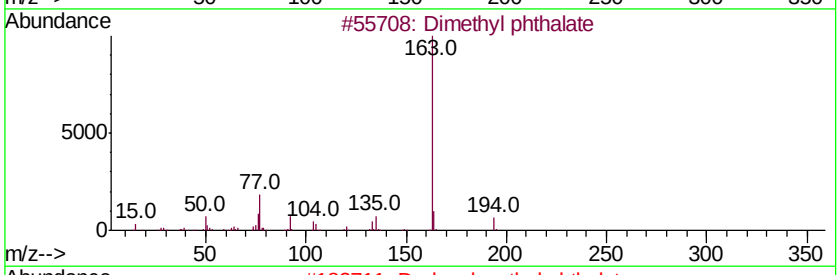
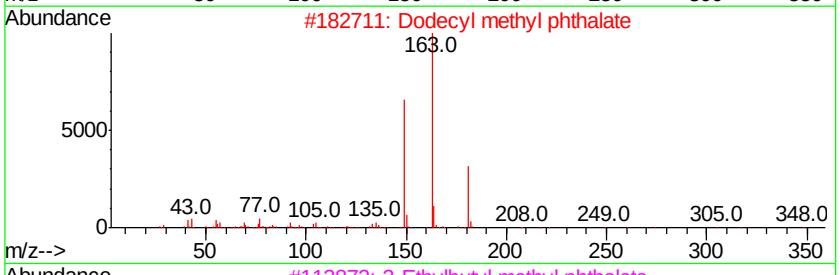
Peak Number 4 Dimethyl phthalate Concentration Rank 10

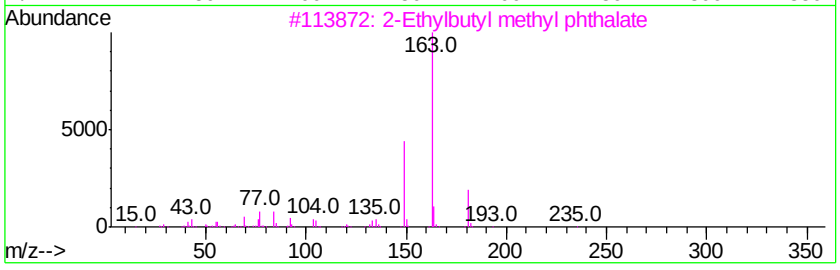
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.23 ng	227033	Acenaphthene-d10	10.04

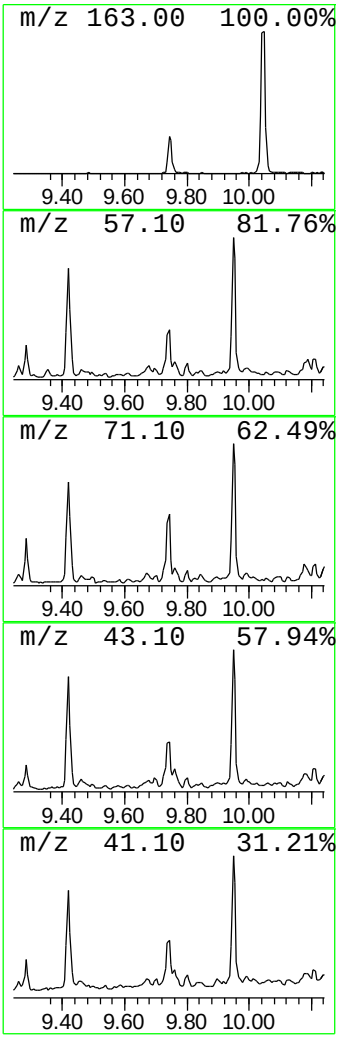
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	55
2	Dodecyl methyl phthalate	348	C21H32O4	1000373-82-0	43
3	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	35
4	Methyl 4-methylpentan-2-yl phtha...	264	C15H20O4	1000373-82-3	35
5	5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	30











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

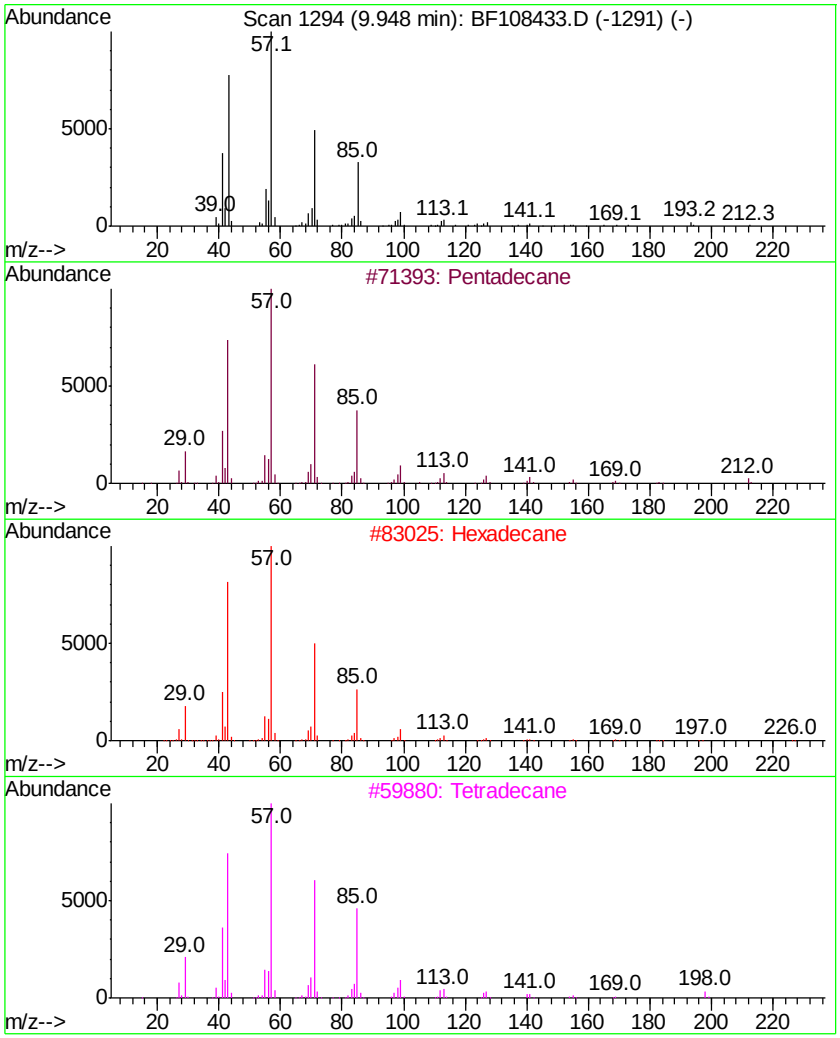
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

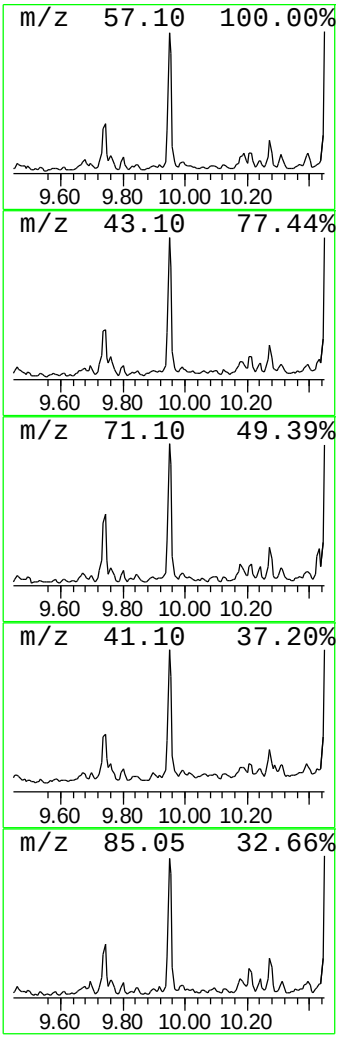
****

Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.13 ng	290096	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane	156	C11H24	001120-21-4	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

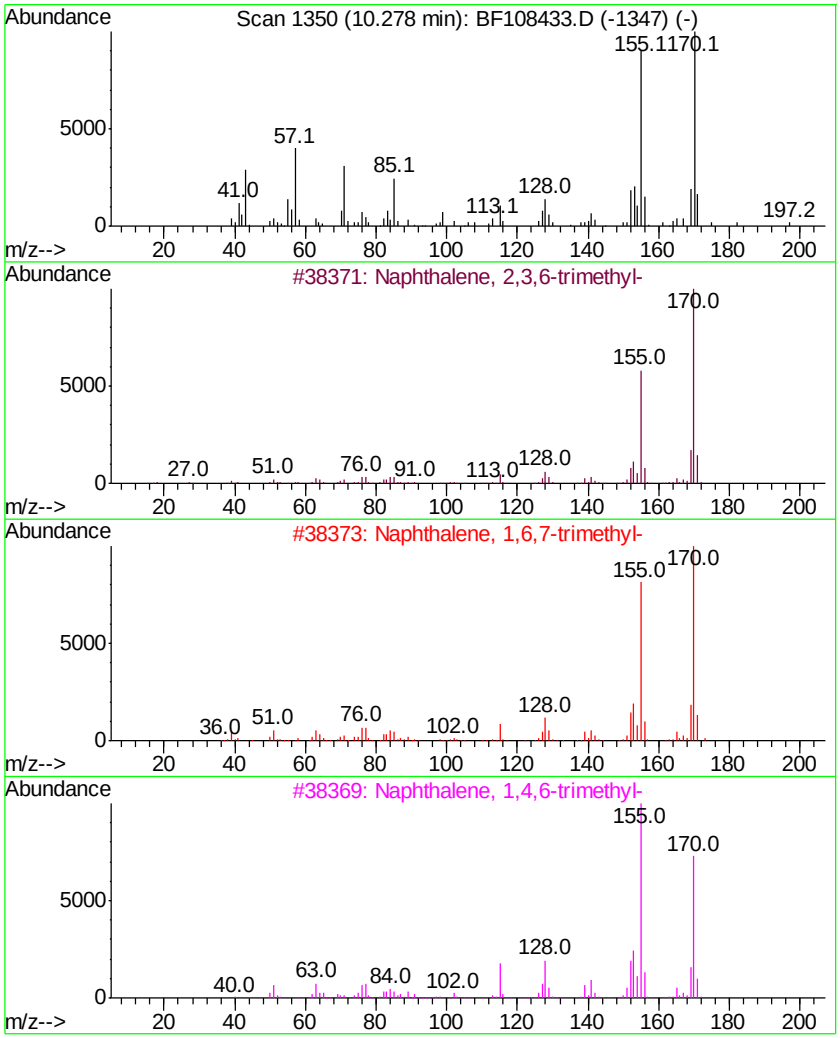
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

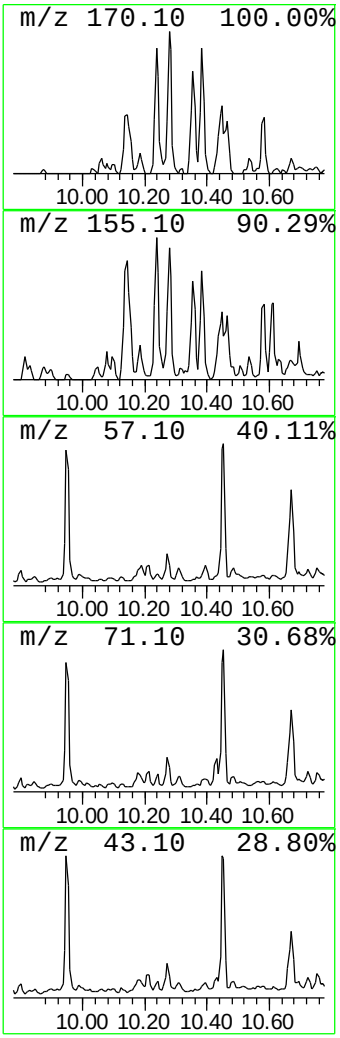
****

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.12 ng	149113	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

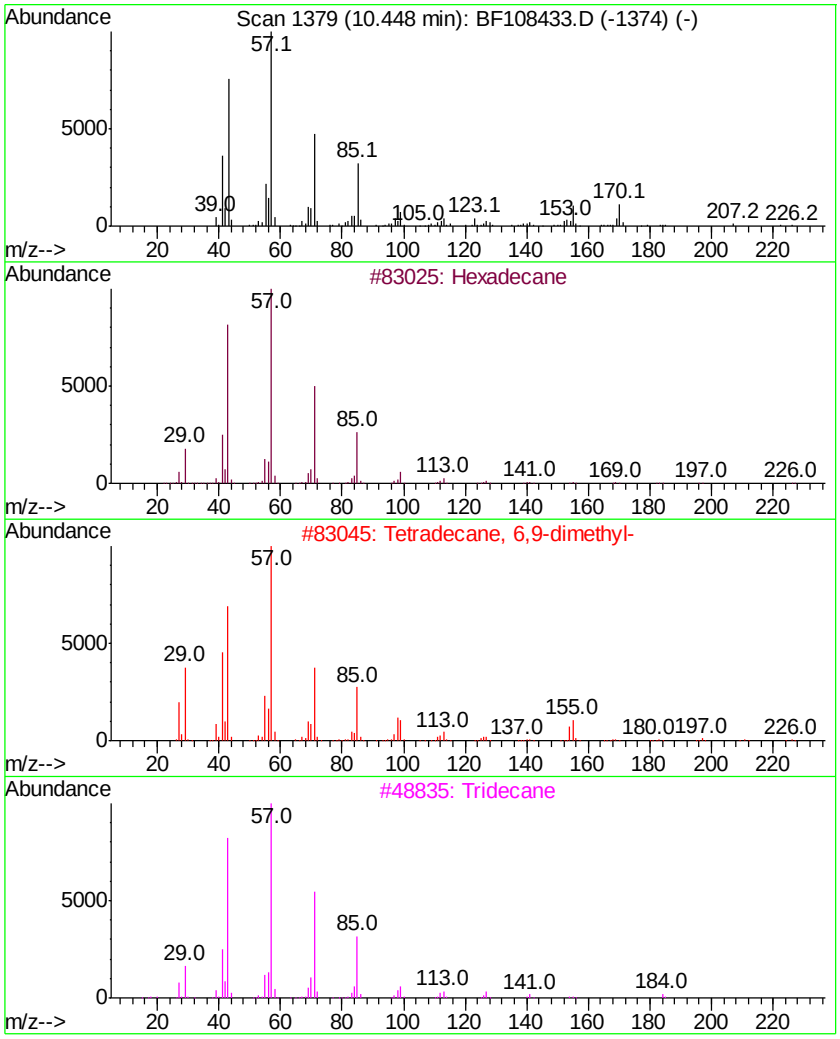
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

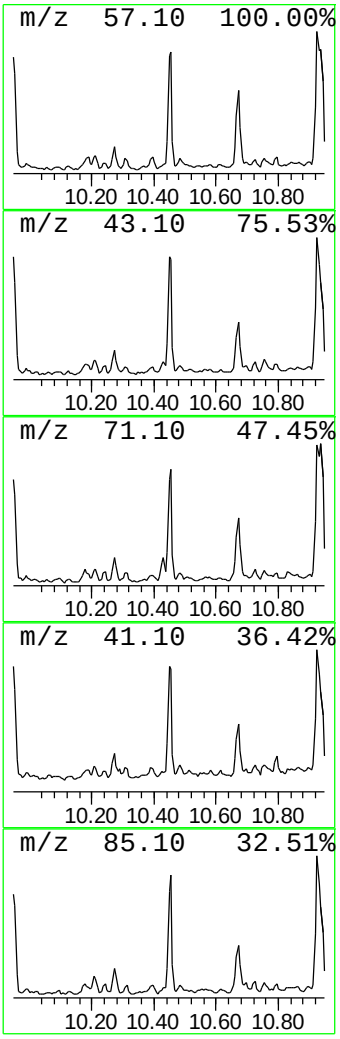
****

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	5.91 ng	415651	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane	170	C12H26	000112-40-3	81
5	Heptacosane	380	C27H56	000593-49-7	64





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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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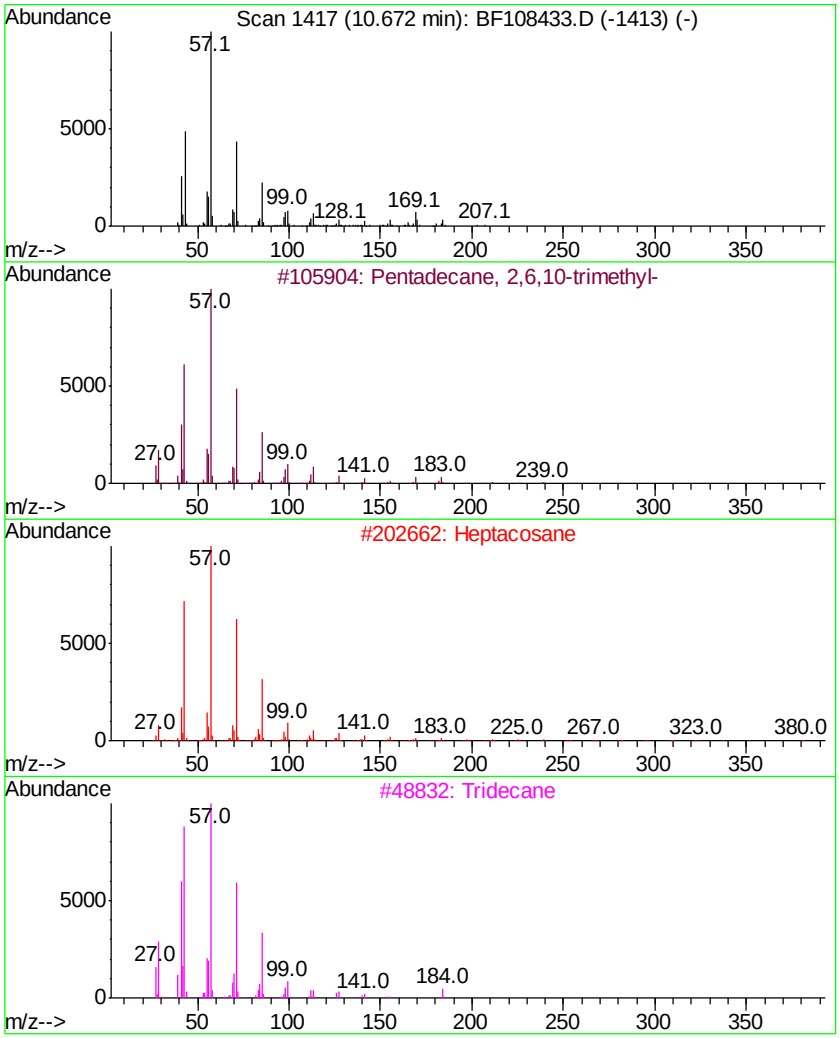
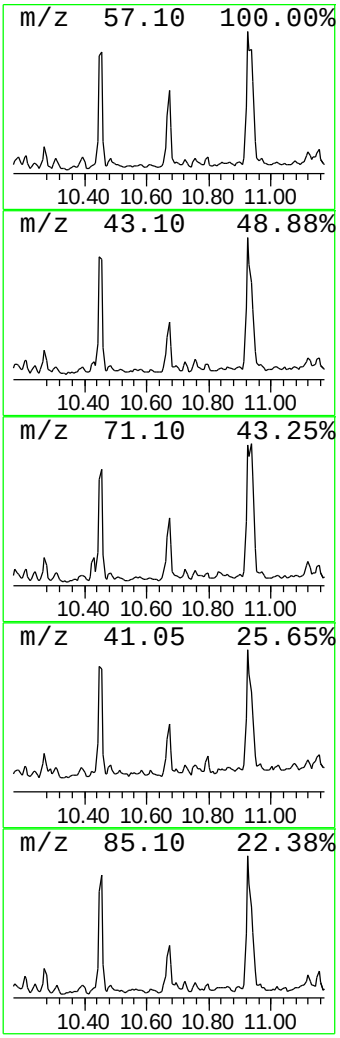
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.15 ng	221326	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70





Library Search Compound Report

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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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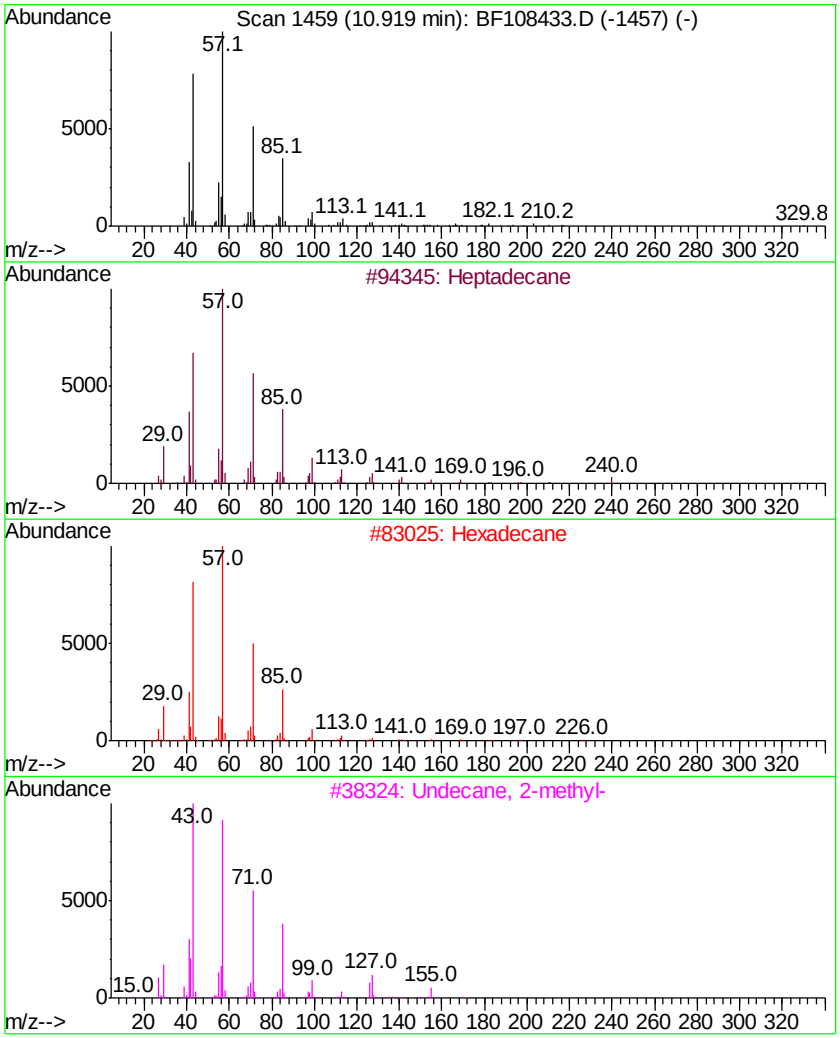
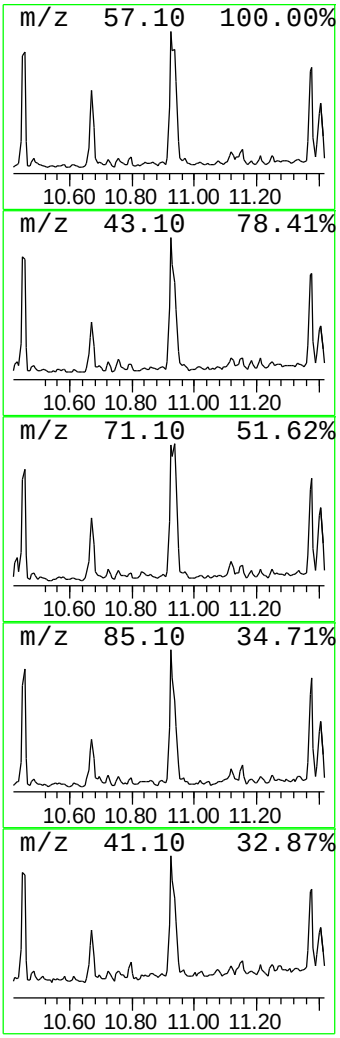
Peak Number 9 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	9.55 ng	684032	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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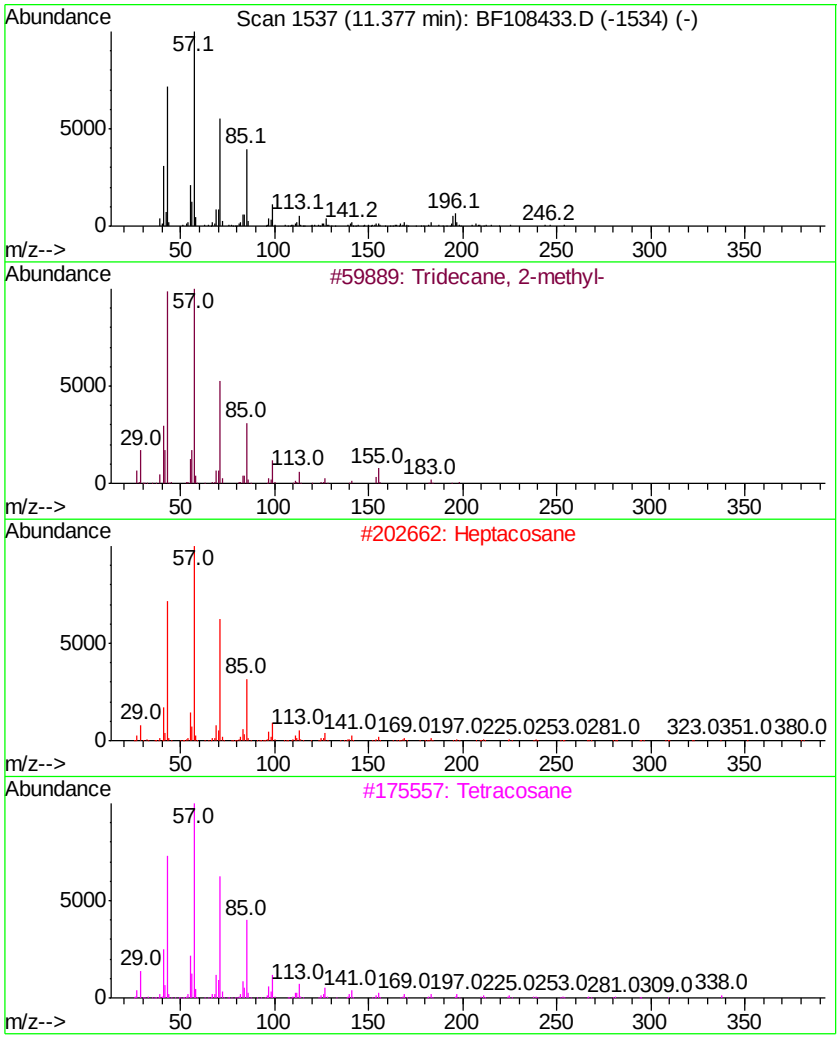
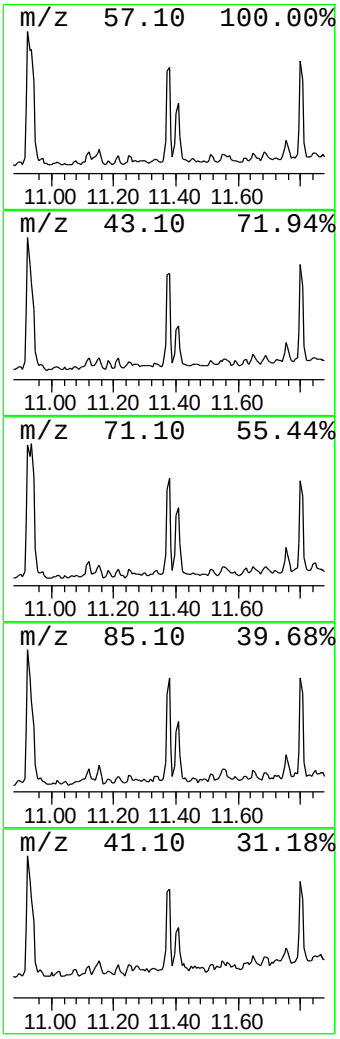
Peak Number 10 Tridecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.75 ng	268681	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Heneicosane	296	C21H44	000629-94-7	86





Library Search Compound Report

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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

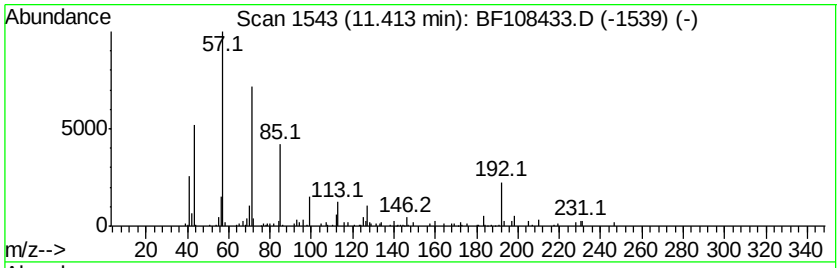
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

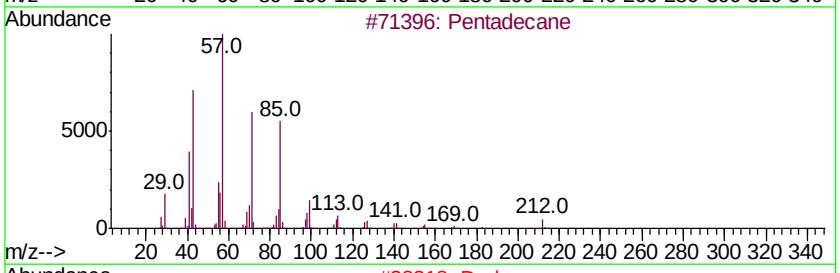
****

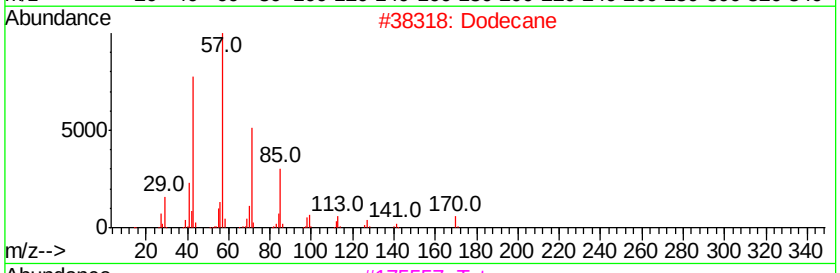
Peak Number 11 Dodecane Concentration Rank 17

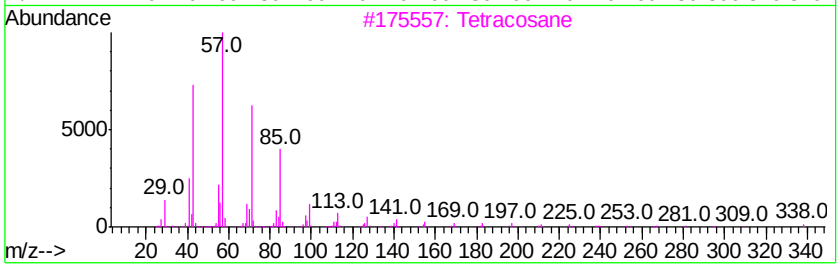
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.22 ng	159043	Phenanthrene-d10	11.54

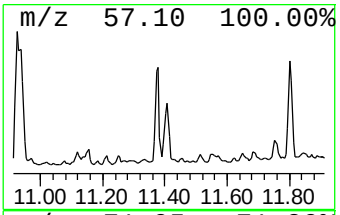
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5	Heptacosane	380	C27H56	000593-49-7	86

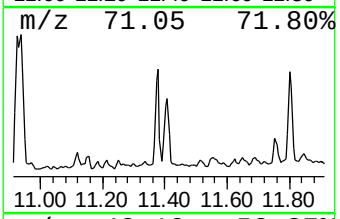


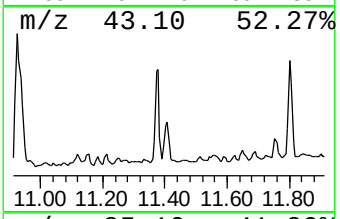


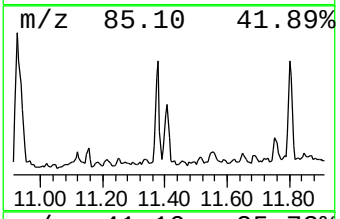


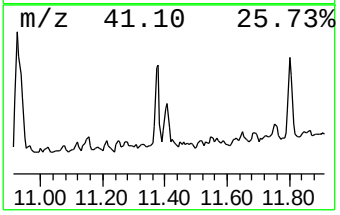












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

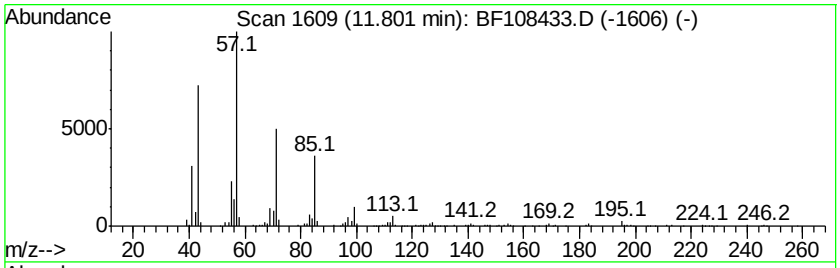
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

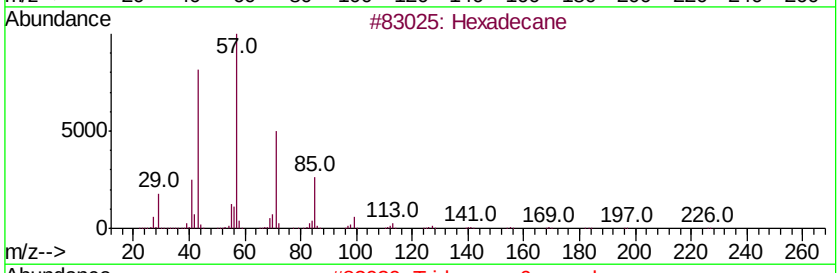
****

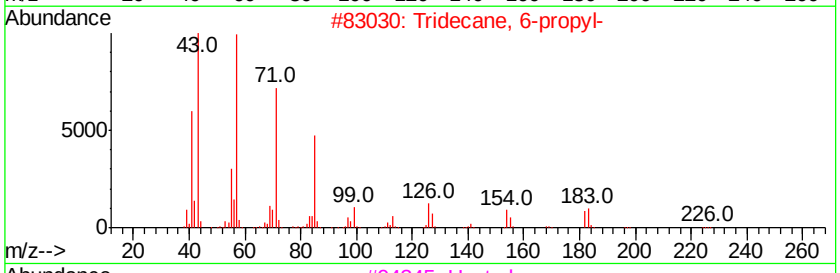
Peak Number 12 Tridecane, 6-propyl- Concentration Rank 6

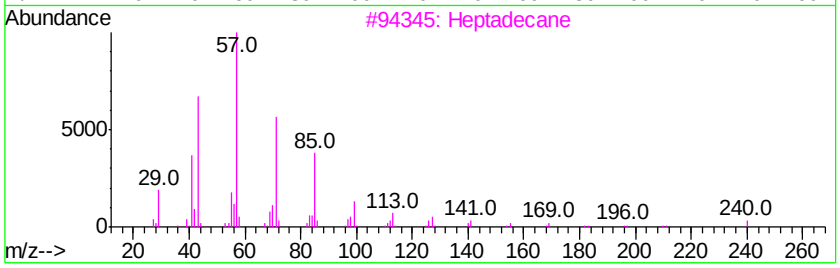
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.04 ng	289464	Phenanthrene-d10	11.54

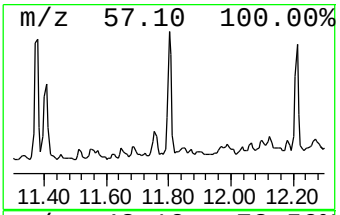
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
5	Heneicosane	296	C21H44	000629-94-7	90

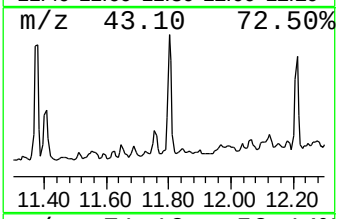


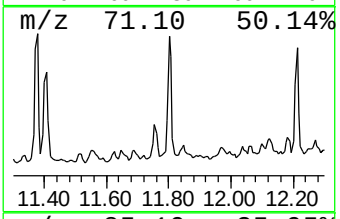


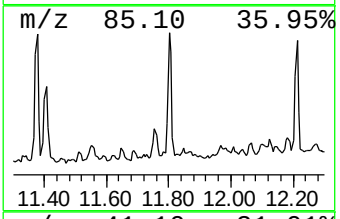


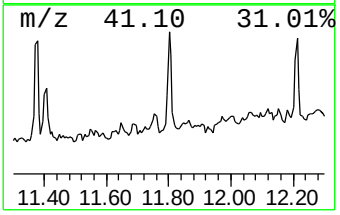












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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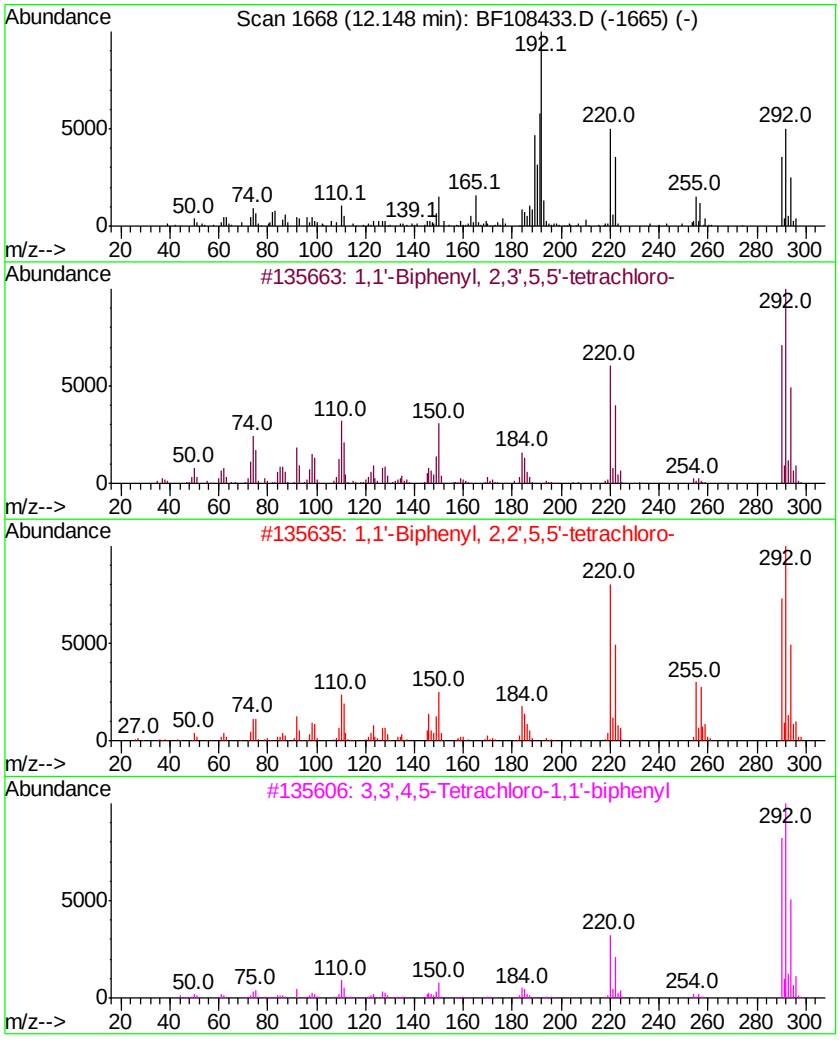
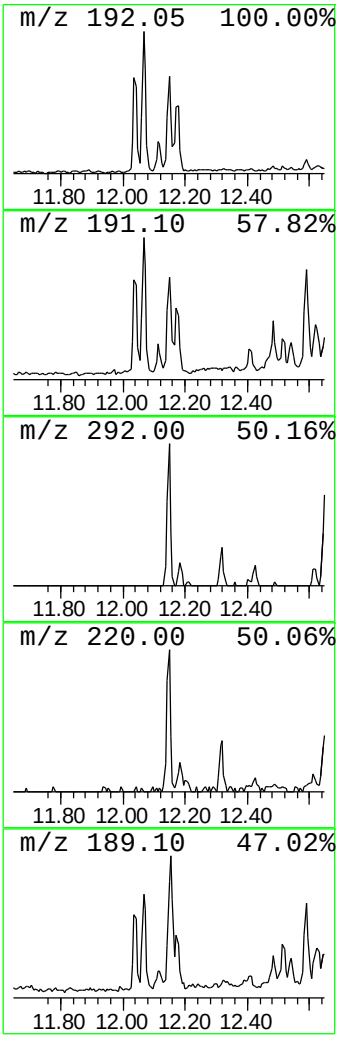
Peak Number 13 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.09 ng	149421	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	94
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	94
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	93
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	92





Library Search Compound Report

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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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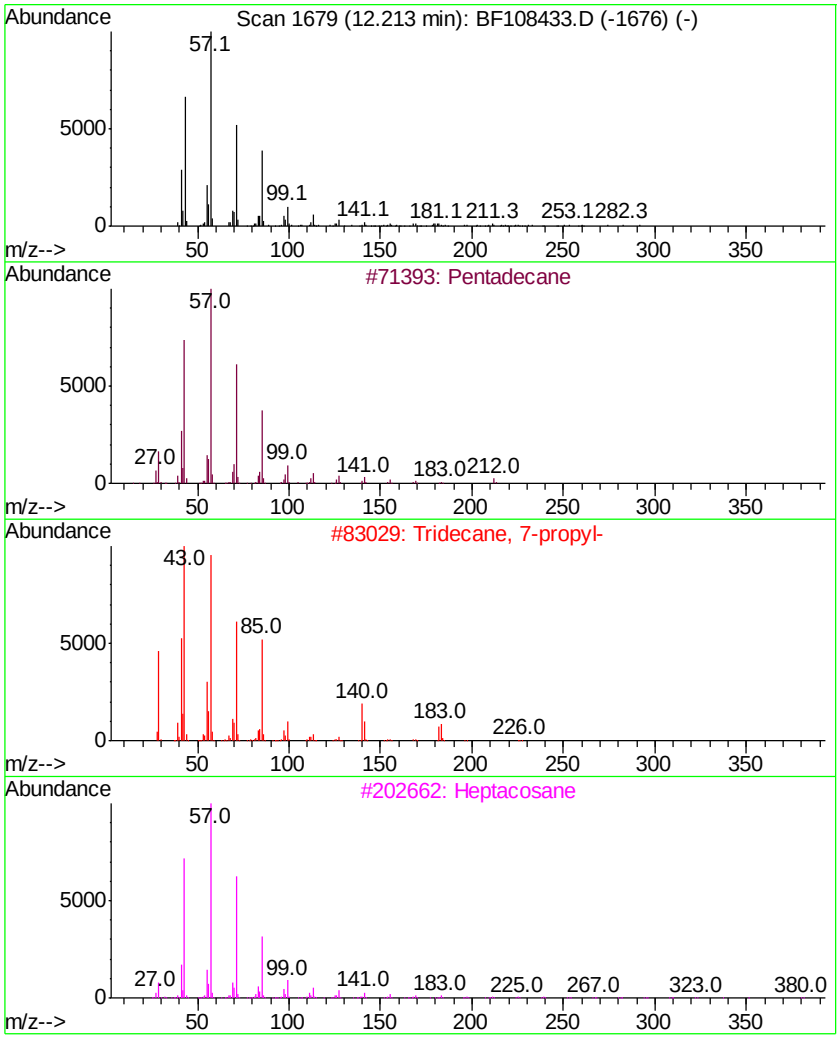
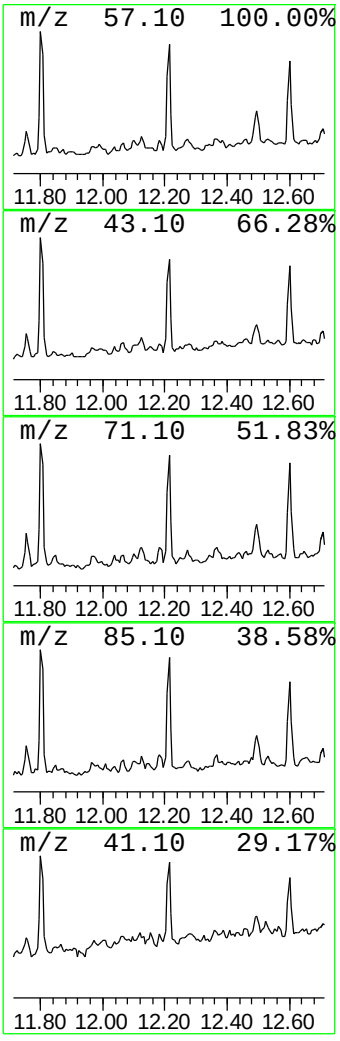
Peak Number 14 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.98 ng	213605	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Nonadecane	268	C19H40	000629-92-5	86





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Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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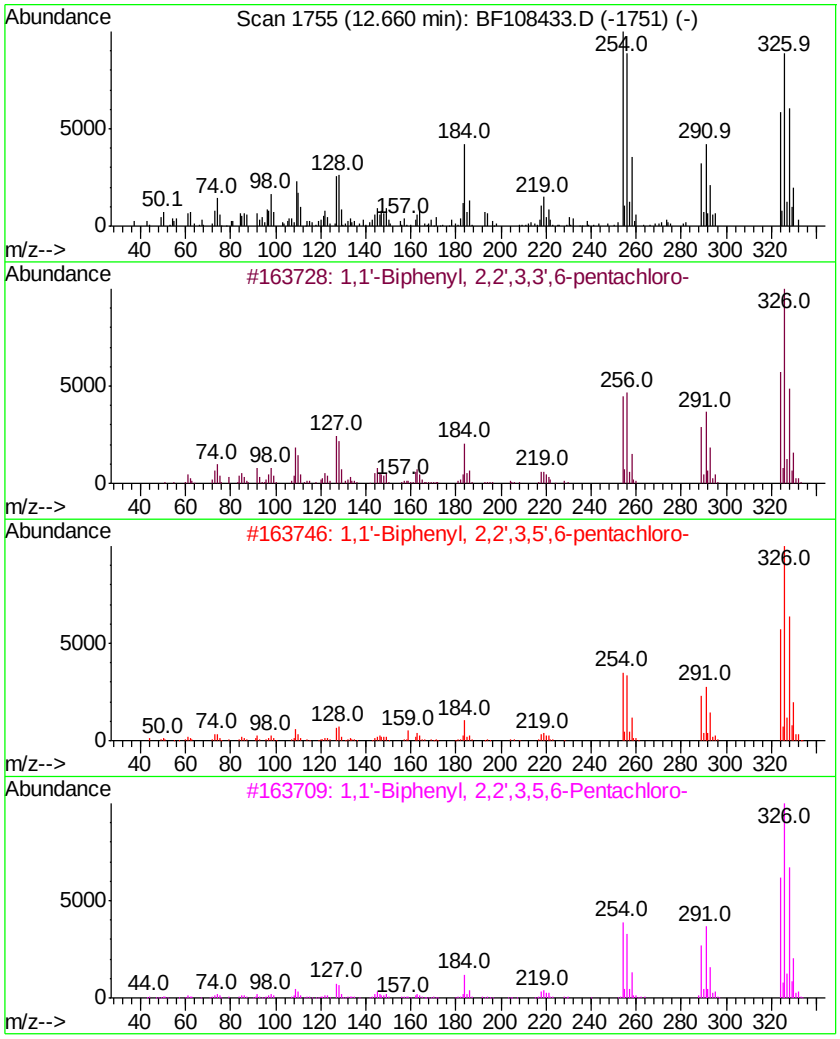
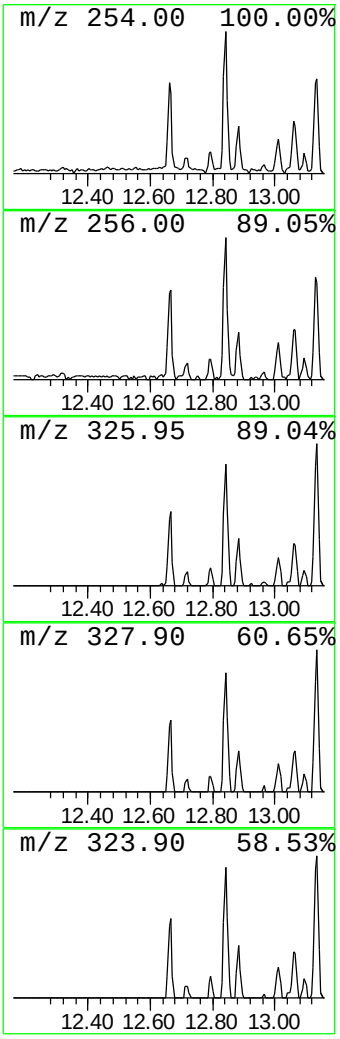
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.79 ng	199636	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99





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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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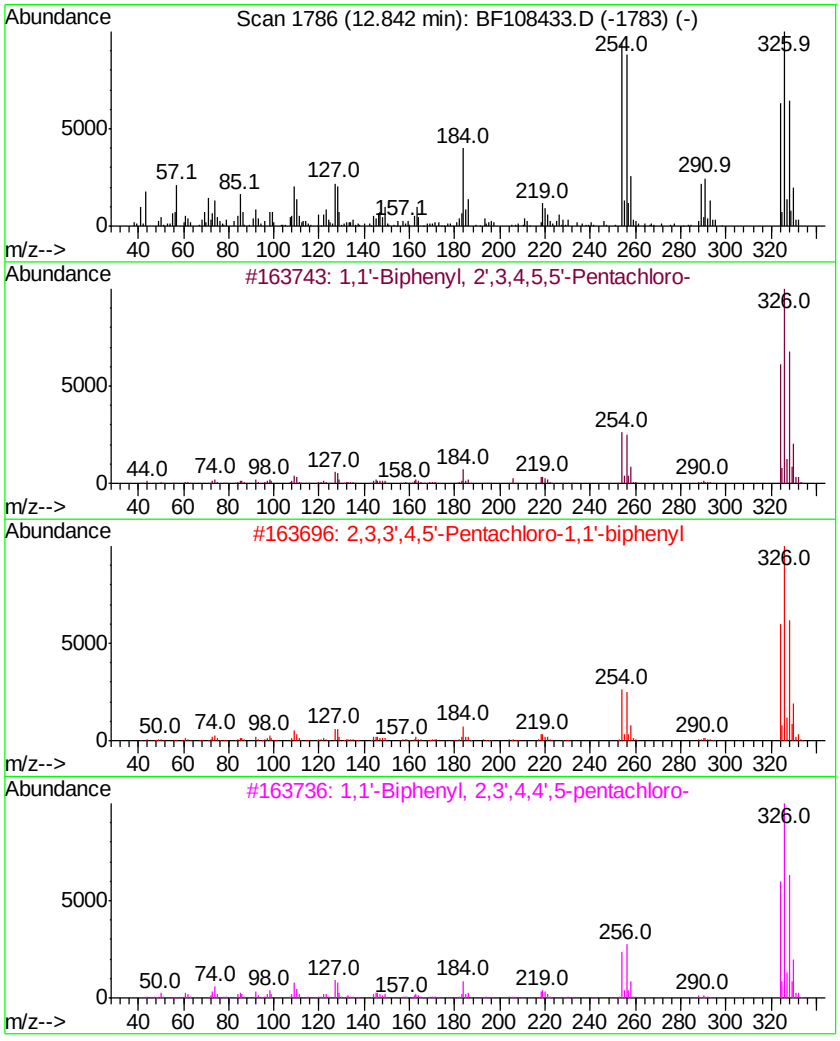
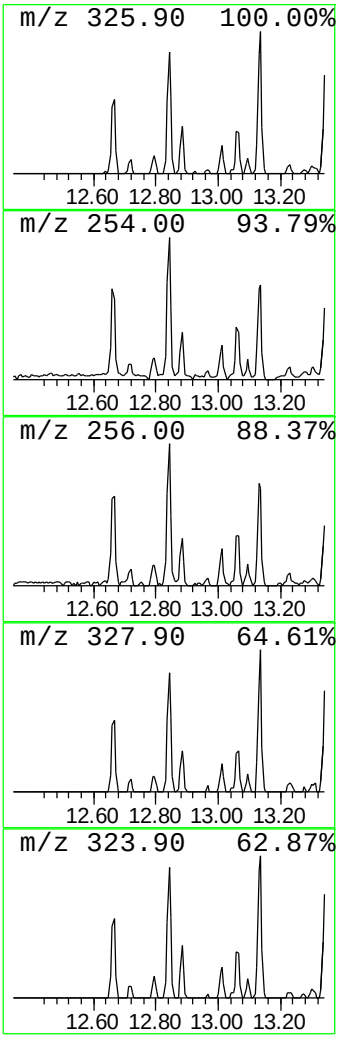
Peak Number 17 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.55 ng	182756	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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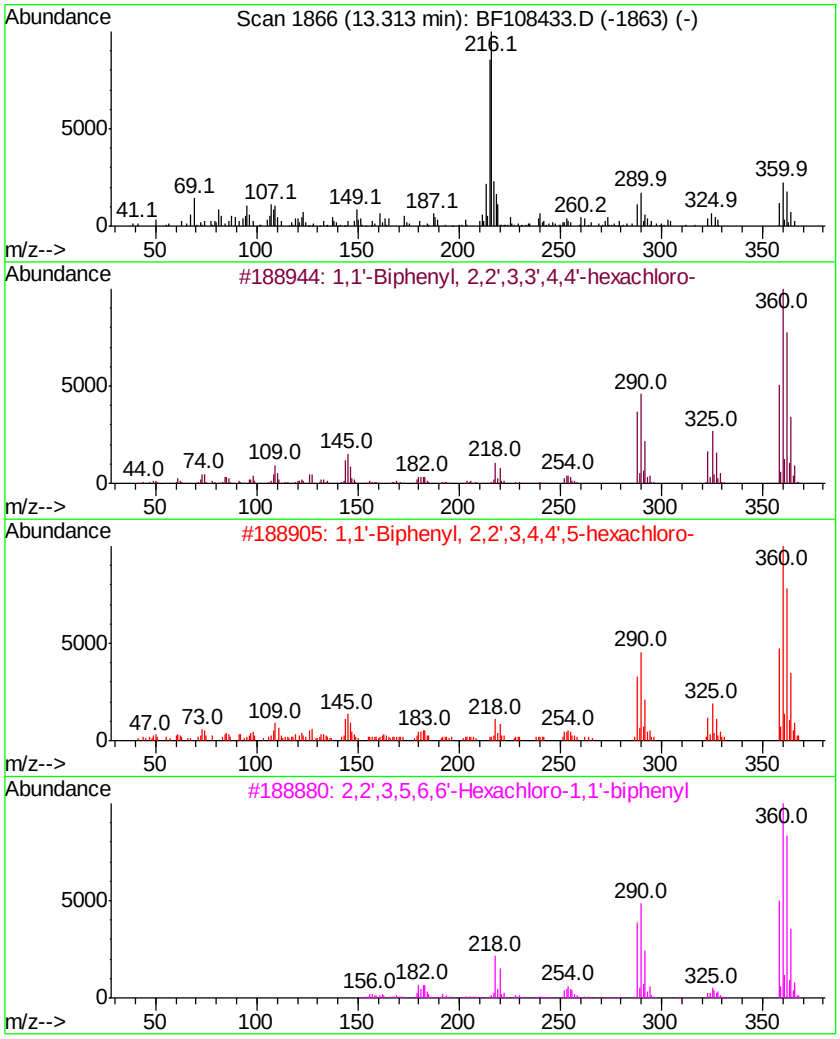
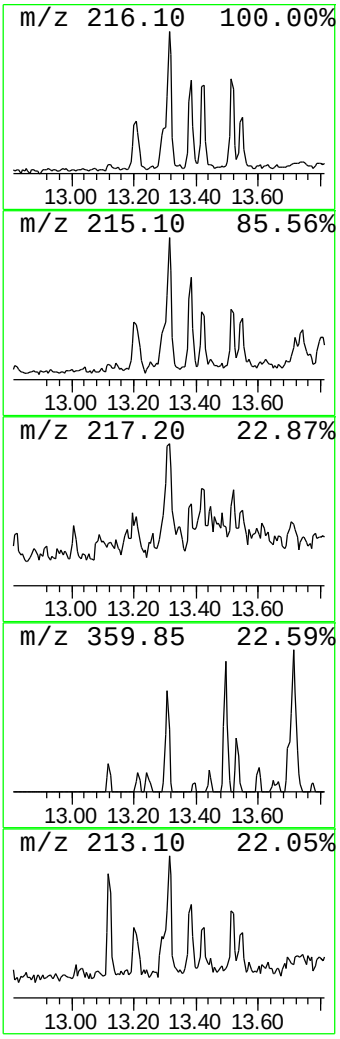
Peak Number 18 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.19 ng	107014	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	96
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	96
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	95
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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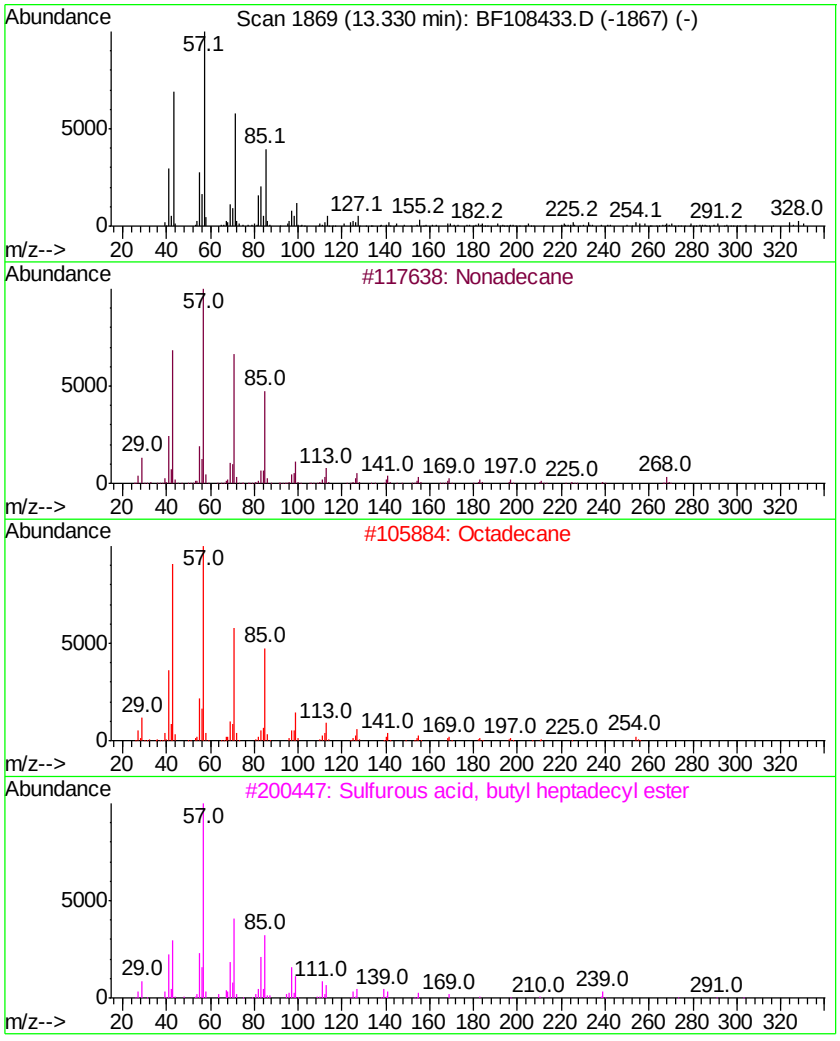
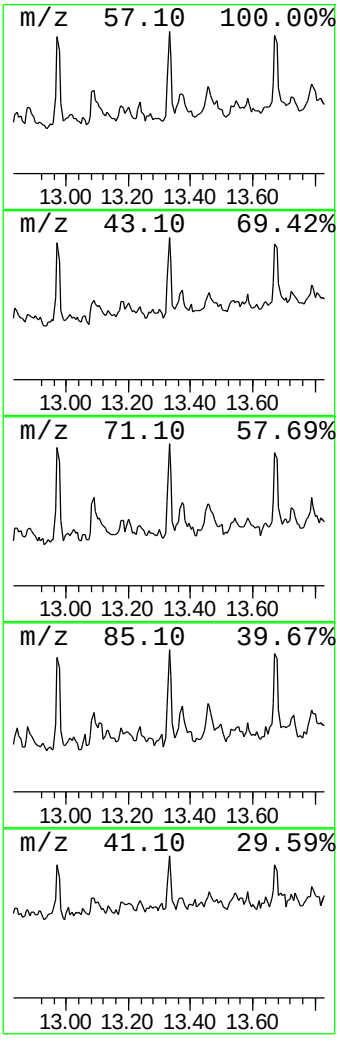
Peak Number 19 Sulfurous acid, butyl hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.39 ng	165498	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	89
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
4	Heptacosane	380	C27H56	000593-49-7	74
5	Octacosane	394	C28H58	000630-02-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108433.D
Acq On : 23 Aug 2018 21:00
Operator : JU/SJ
Sample : J4535-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-NSW-15-038

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.77	6.77	15.4	ng	721565	1	7.00	936831	20.0
Tetradecane	9.42	3.1	ng	218795	3	10.04	1405940	20.0
Dimethyl phthalate	9.74	3.2	ng	227033	3	10.04	1405940	20.0
Pentadecane	9.95	4.1	ng	290096	3	10.04	1405940	20.0
Naphthalene, 2,3,...	10.28	2.1	ng	149113	3	10.04	1405940	20.0
Hexadecane	10.45	5.9	ng	415651	3	10.04	1405940	20.0
Pentadecane, 2,6,...	10.67	3.1	ng	221326	3	10.04	1405940	20.0
Heptadecane	10.92	9.6	ng	684032	4	11.54	1432970	20.0
Tridecane, 2-methyl-	11.38	3.8	ng	268681	4	11.54	1432970	20.0
Dodecane	11.41	2.2	ng	159043	4	11.54	1432970	20.0
Tridecane, 6-propyl-	11.80	4.0	ng	289464	4	11.54	1432970	20.0
1,1'-Biphenyl, 2,...	12.15	2.1	ng	149421	4	11.54	1432970	20.0
2-Bromo dodecane	12.21	3.0	ng	213605	4	11.54	1432970	20.0
1,1'-Biphenyl, 2,...	12.66	2.8	ng	199636	4	11.54	1432970	20.0
1,1'-Biphenyl, 2'...	12.84	2.5	ng	182756	4	11.54	1432970	20.0
2,2',3,5,6,6'-Hex...	13.31	2.2	ng	107014	5	14.19	975238	20.0
Sulfurous acid, b...	13.33	3.4	ng	165498	5	14.19	975238	20.0