LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.393	388	392	398	rBV	152166	190506	1.36%	0.152%
2	5.022	490	499	511	rBV2	658775	1006460	7.17%	0.805%
3	5.422	562	567	571	rBV	10681701	12598222	89.79%	10.079%
4	6.440	733	740	750	rBV2	10822859	14030010	100.00%	11.225%
5	6.575	758	763	766	rBV	12235406	12807850	91.29%	10.247%
6	6.804	798	802	805	rBV	4233689	3549858	25.30%	2.840%
7	6.963	824	829	832	rBV	10601245	9651843	68.79%	7.722%
8	7.363	888	897	900	rBV	8515658	8772766	62.53%	7.019%
9	7.451	908	912	916	rVB5	105976	152031	1.08%	0.122%
10	7.587	929	935	938	rBV3	181123	280021	2.00%	0.224%
11	7.734	957	960	964	rVB4	159893	189371	1.35%	0.152%
12	8.086	1015	1020	1023	rBV	5070932	4728369	33.70%	3.783%
13	8.157	1031	1032	1035	rVB	248348	165260	1.18%	0.132%
14	8.386	1063	1071	1074	rBV8	256656	443273	3.16%	0.355%
15	8.522	1090	1094	1096	rBV	530233	541795	3.86%	0.433%
16	8.557	1098	1100	1104	rVB3	313797	269730	1.92%	0.216%
17	8.598	1104	1107	1109	rBV3	170740	176473	1.26%	0.141%
18	8.639	1111	1114	1118	rVB3	211319	242837	1.73%	0.194%
19	8.686	1118	1122	1124	rBV4	208399	262538	1.87%	0.210%
20	8.781	1135	1138	1142	rVB3	386213	493729	3.52%	0.395%
21	8.839	1145	1148	1151	rBV2	222279	276796	1.97%	0.221%
22	8.975	1168	1171	1173	rBV3	150595	160416	1.14%	0.128%
23	9.004	1174	1176	1180	rVB3	182911	182016	1.30%	0.146%
24	9.086	1188	1190	1192	rVB3	201577	152098	1.08%	0.122%
25	9.122	1192	1196	1198	rBV	791308	695442	4.96%	0.556%
26	9.163	1198	1203	1206	rBV	12226307	11903742	84.84%	9.524%
27	9.251	1215	1218	1222	rBV4	555311	738192	5.26%	0.591%
28	9.498	1258	1260	1263	rVB2	337697	326910	2.33%	0.262%
29	9.528	1263	1265	1267	rBV2	190281	145609	1.04%	0.116%
30	9.551	1267	1269	1271	rVV2	1340944	1246438	8.88%	0.997%
31	9.575	1271	1273	1275	rVV	1233994	861139	6.14%	0.689%
32	9.616	1275	1280	1282	rVV4	219908	256527	1.83%	0.205%
33	9.716	1295	1297	1302	rVV4	284391	271954	1.94%	0.218%
34	9.757	1302	1304	1307	rVB	728495	601877	4.29%	0.482%

LSC Area Percent Report

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Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.839	1313	1318	1321	rBV2	4760348	4422127	31.52%	3.538%
36	9.869	1321	1323	1326	rBV	807870	698961	4.98%	0.559%
37	10.045	1350	1353	1356	rVB	553371	532055	3.79%	0.426%
38	10.080	1356	1359	1361	rVB	216858	212577	1.52%	0.170%
39	10.110	1361	1364	1369	rBV7	326077	361189	2.57%	0.289%
40	10.157	1369	1372	1375	rBV	419834	446012	3.18%	0.357%
41	10.186	1375	1377	1379	rVB	276274	197219	1.41%	0.158%
42	10.216	1379	1382	1383	rBV2	151387	144485	1.03%	0.116%
43	10.263	1387	1390	1392	rVB2	289550	306434	2.18%	0.245%
44	10.386	1408	1411	1413	rVV	593088	501041	3.57%	0.401%
45	10.451	1417	1422	1424	rVV3	334167	365872	2.61%	0.293%
46	10.475	1424	1426	1428	rVV3	194198	168272	1.20%	0.135%
47	10.504	1428	1431	1435	rVV	877762	857270	6.11%	0.686%
48	10.545	1435	1438	1439	rVV	147118	148339	1.06%	0.119%
49	10.592	1443	1446	1447	rBV3	163555	171783	1.22%	0.137%
50	10.628	1447	1452	1456	rVV	5086937	4711823	33.58%	3.770%
51	10.663	1456	1458	1461	rVB3	228688	202771	1.45%	0.162%
52	10.769	1471	1476	1482	rVB2	1384479	1506244	10.74%	1.205%
53	10.827	1483	1486	1488	rBV2	281153	251521	1.79%	0.201%
54	10.963	1506	1509	1511	rBV2	351606	334966	2.39%	0.268%
55	11.069	1521	1527	1536	rBV7	638919	1639424	11.69%	1.312%
56	11.233	1552	1555	1561	rVB	945058	974438	6.95%	0.780%
57	11.322	1567	1570	1572	rBV	3745611	2981922	21.25%	2.386%
58	11.345	1572	1574	1576	rVB	1130745	807247	5.75%	0.646%
59	11.398	1581	1583	1585	rVB	320280	250119	1.78%	0.200%
60	11.433	1586	1589	1595	rVB3	216763	348208	2.48%	0.279%
61	11.857	1658	1661	1665	rBV2	1111348	934007	6.66%	0.747%
62	12.533	1774	1776	1779	rBV	342503	292037	2.08%	0.234%
63	12.580	1782	1784	1788	rVB2	185792	177430	1.26%	0.142%
64	12.639	1792	1794	1798	rBV3	371991	420063	2.99%	0.336%
65	12.739	1809	1811	1813	rBV	303930	280276	2.00%	0.224%
66	12.910	1836	1840	1843	rBV	5765613	5118042	36.48%	4.095%
67	13.151	1876	1881	1885	rBV7	576162	1427427	10.17%	1.142%
68	13.386	1919	1921	1922	rBV2	419332	320489	2.28%	0.256%
69	13.957	2015	2018	2022	rBV	1924433	1878314	13.39%	1.503%
70	15.404	2261	2264	2267	rVB	949791	966902	6.89%	0.774%
71	15.633	2300	2303	2304	rBV2	750613	701664	5.00%	0.561%

LSC Area Percent Report

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Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

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-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.739	2828	2831	2832	rBV2	531122	560659	4.00%	0.449%

Sum of corrected areas: 124991727

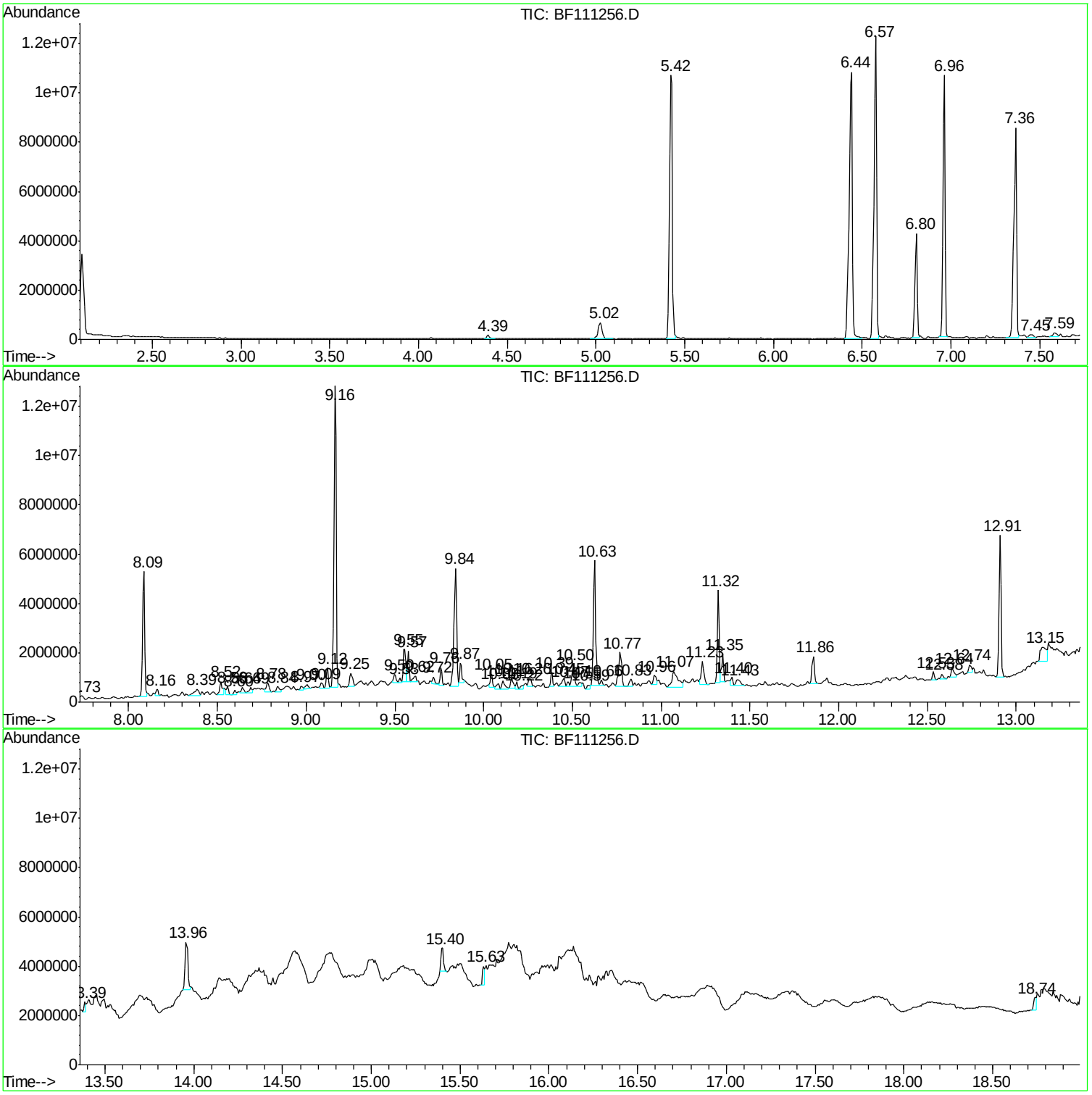
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

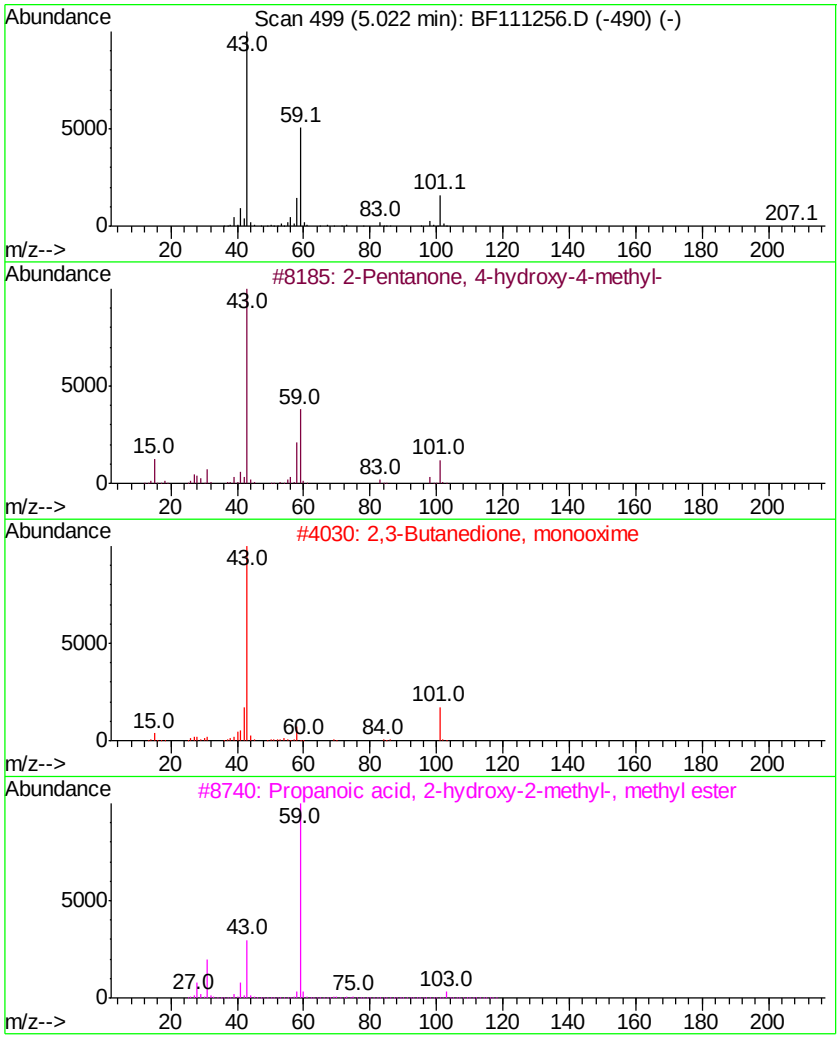
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

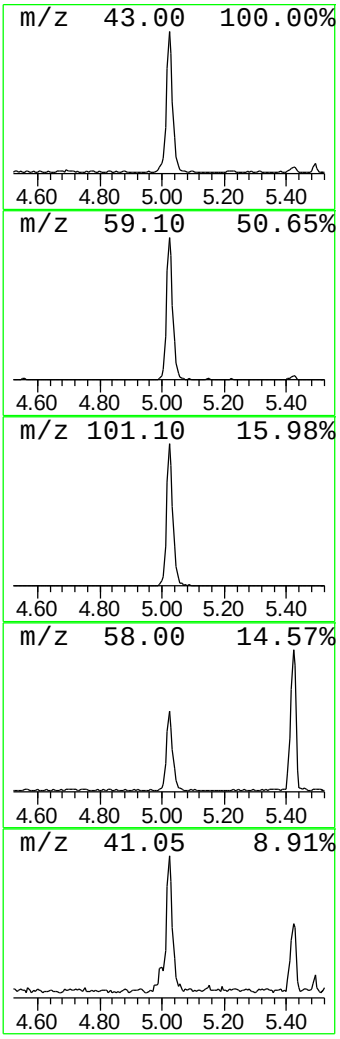
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	5.67 ng	1006460	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9
4	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

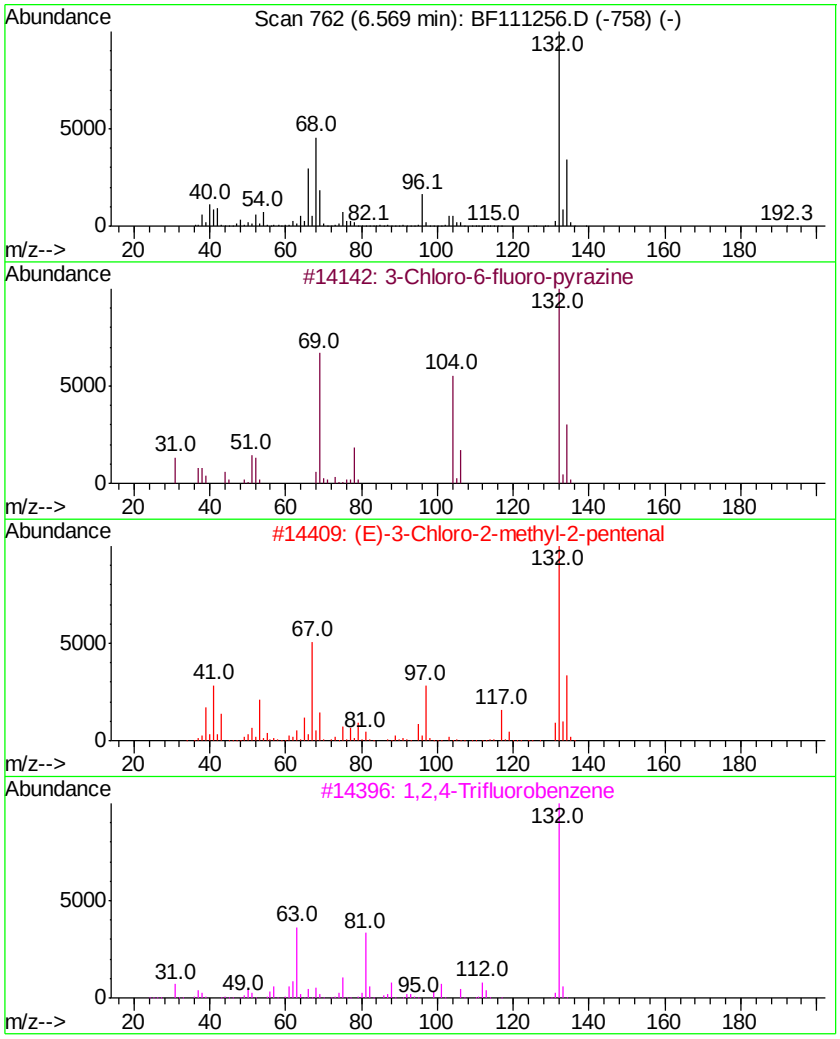
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

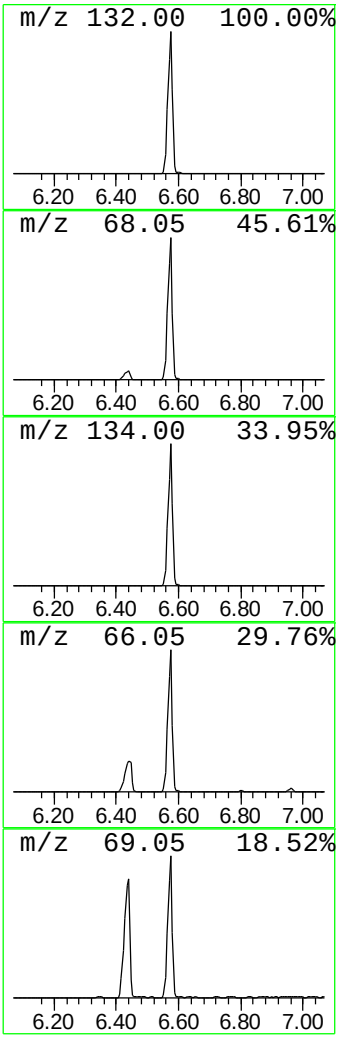
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	72.16 ng	12807900	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
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\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

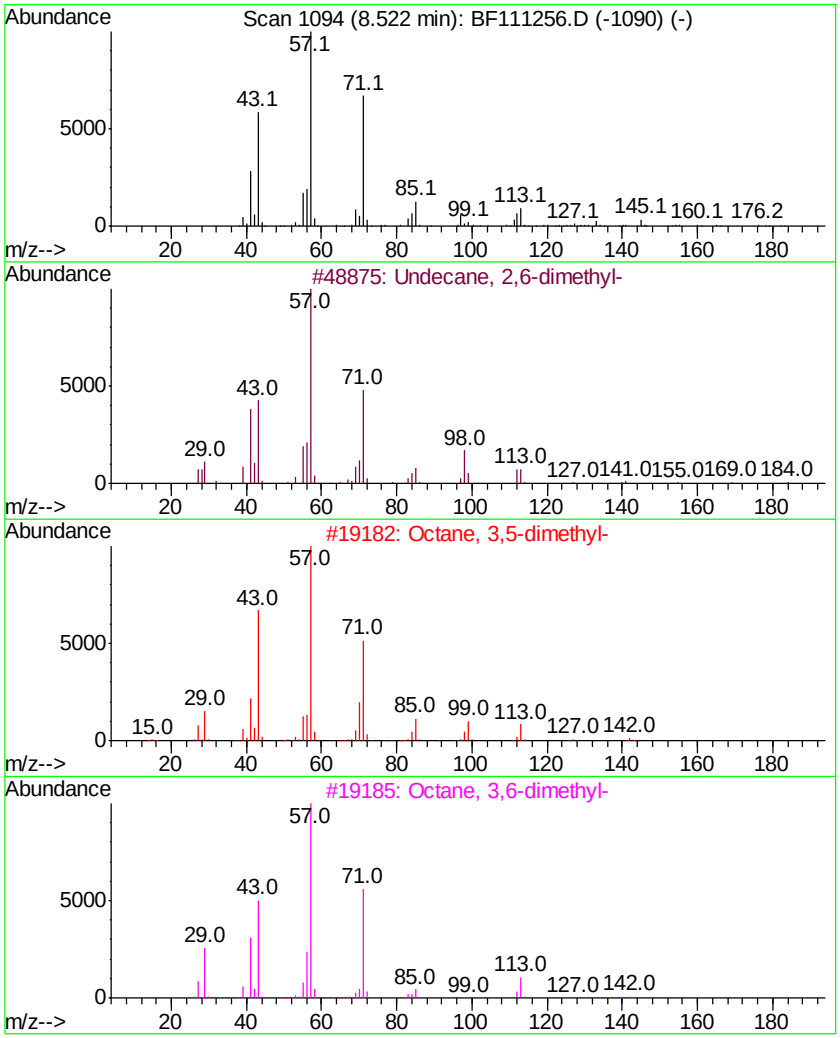
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

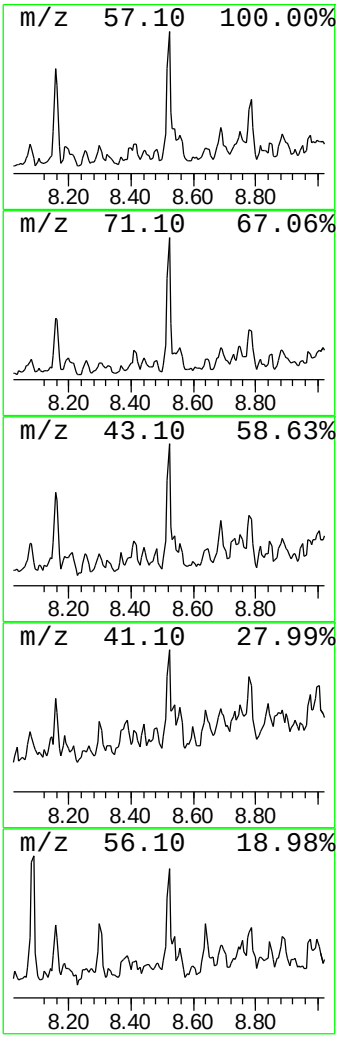
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.29 ng	541795	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
5	Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	53





Library Search Compound Report

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Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

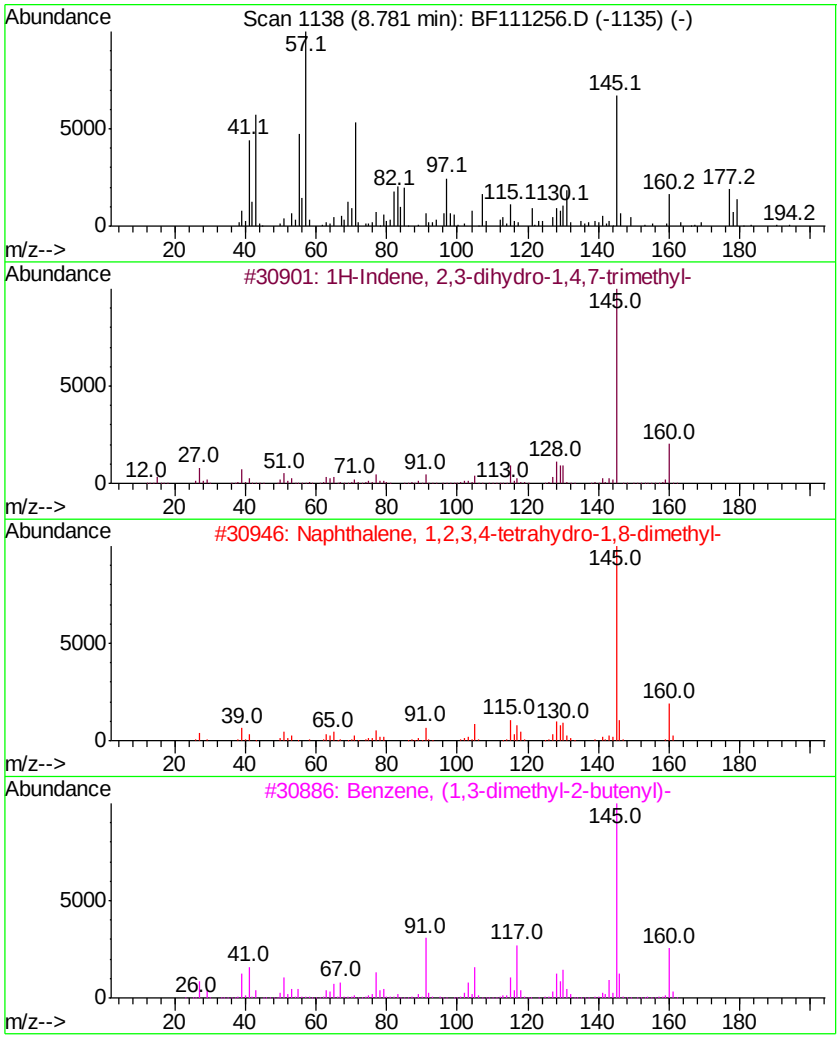
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

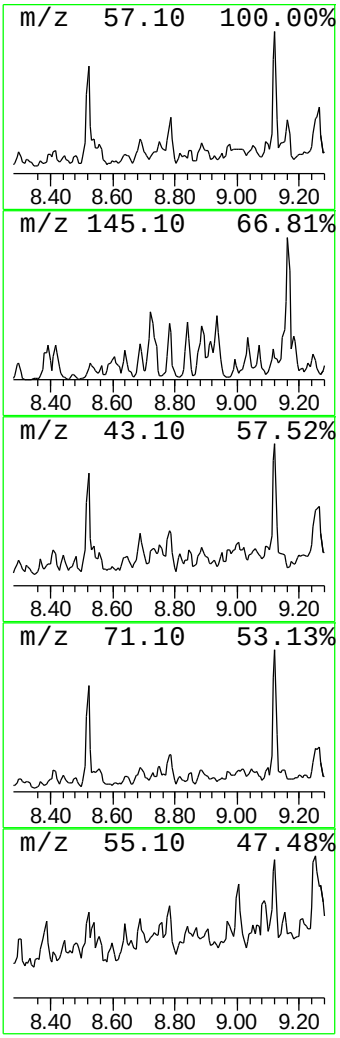
****

Peak Number 5 unknown8.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	2.09 ng	493729	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38
5	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	30





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

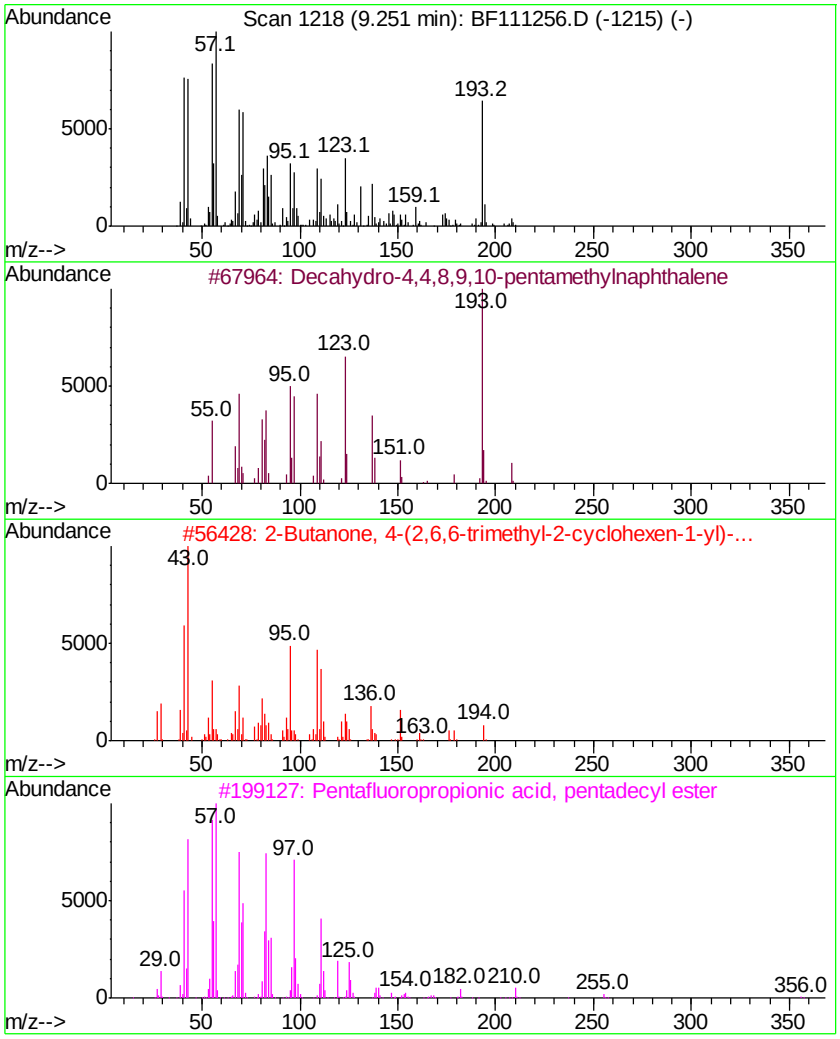
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

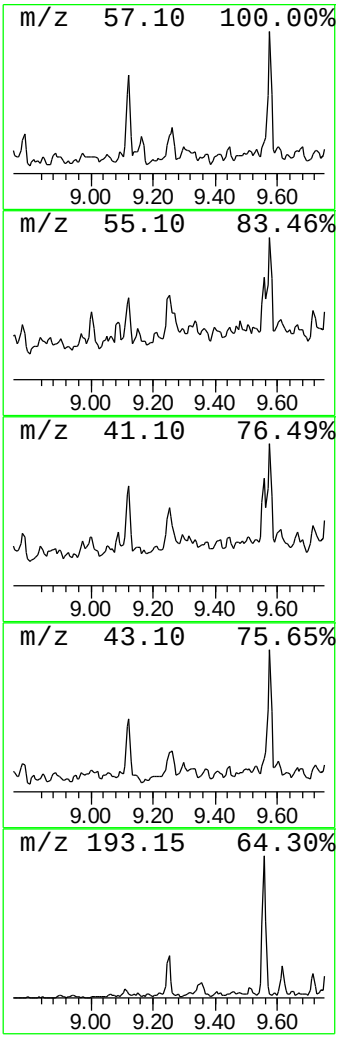
****

Peak Number 6 unknown9.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.34 ng	738192	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	039721-65-8	30
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	15
4	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	15
5	2-Anthracenamine	193	C14H11N	000613-13-8	11





Library Search Compound Report

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Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

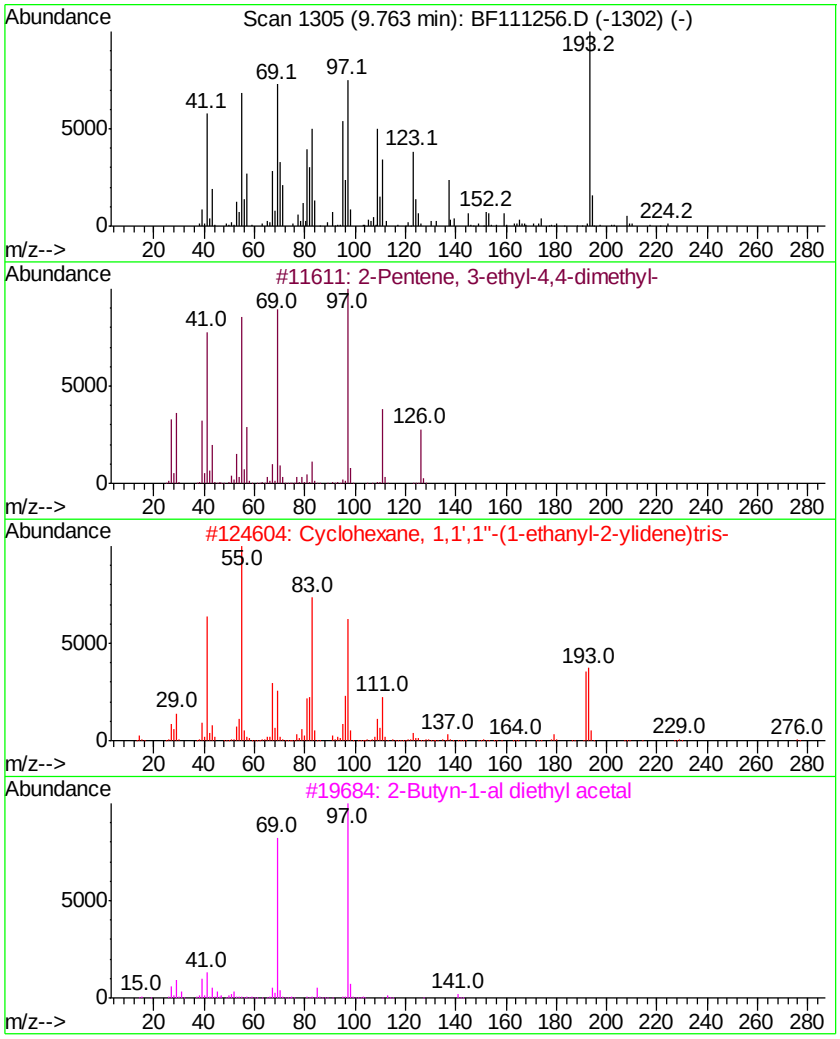
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

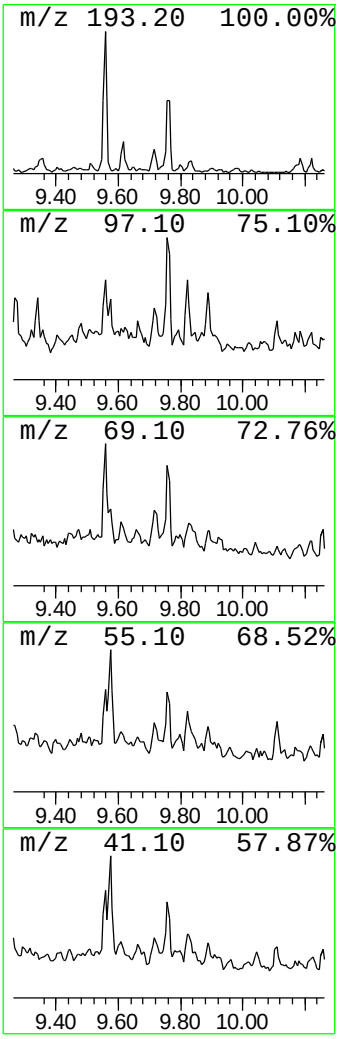
****

Peak Number 7 unknown9.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.72 ng	601877	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	22
3	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	22
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	11





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Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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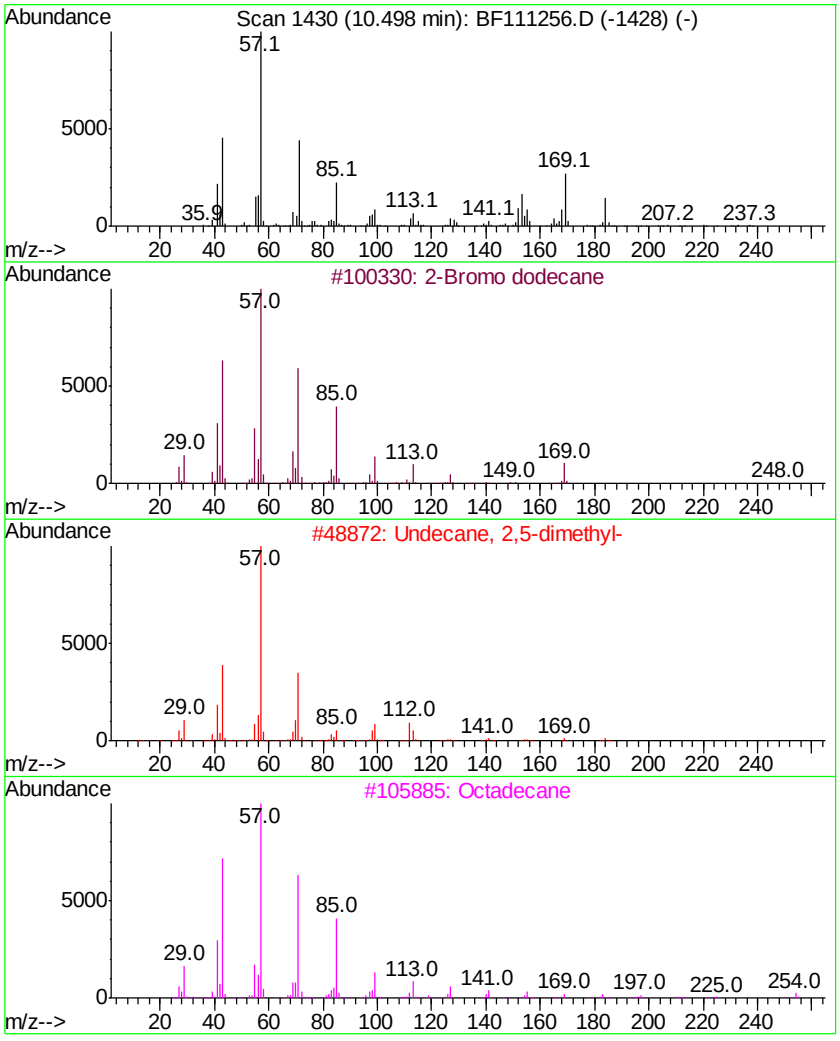
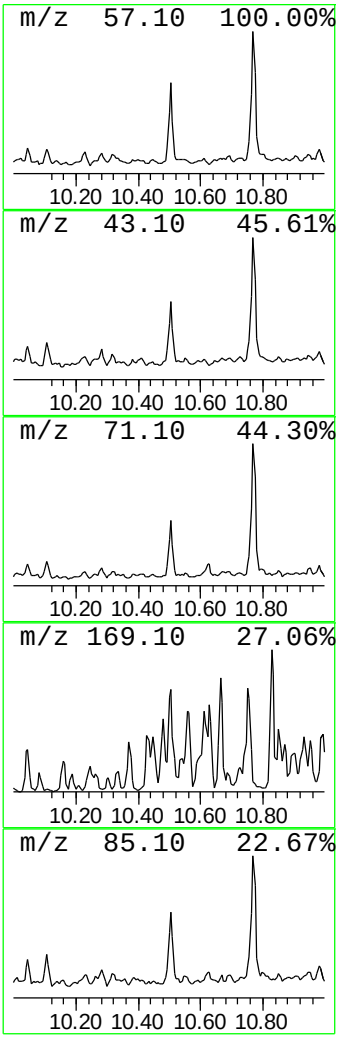
Peak Number 9 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.88 ng	857270	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	59
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
3	Octadecane	254	C18H38	000593-45-3	53
4	Heptacosane	380	C27H56	000593-49-7	52
5	Tetracosane	338	C24H50	000646-31-1	49





Library Search Compound Report

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Sample : J6237-01
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Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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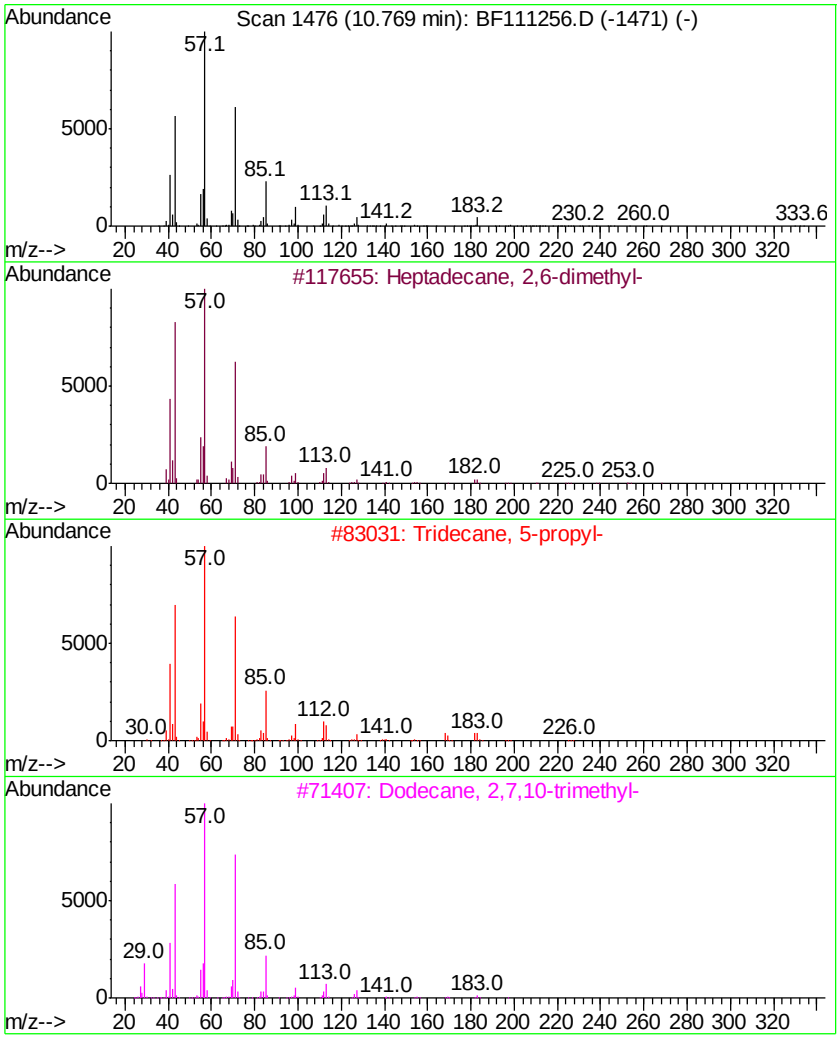
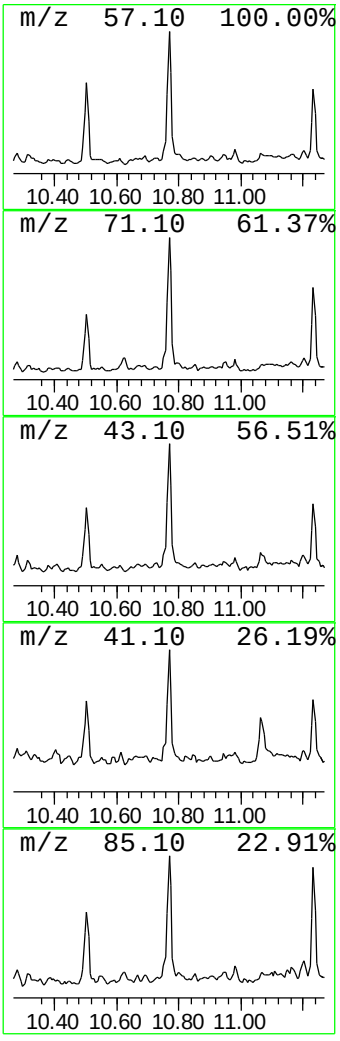
Peak Number 10 Heptadecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	10.10 ng	1506240	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	93
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	72





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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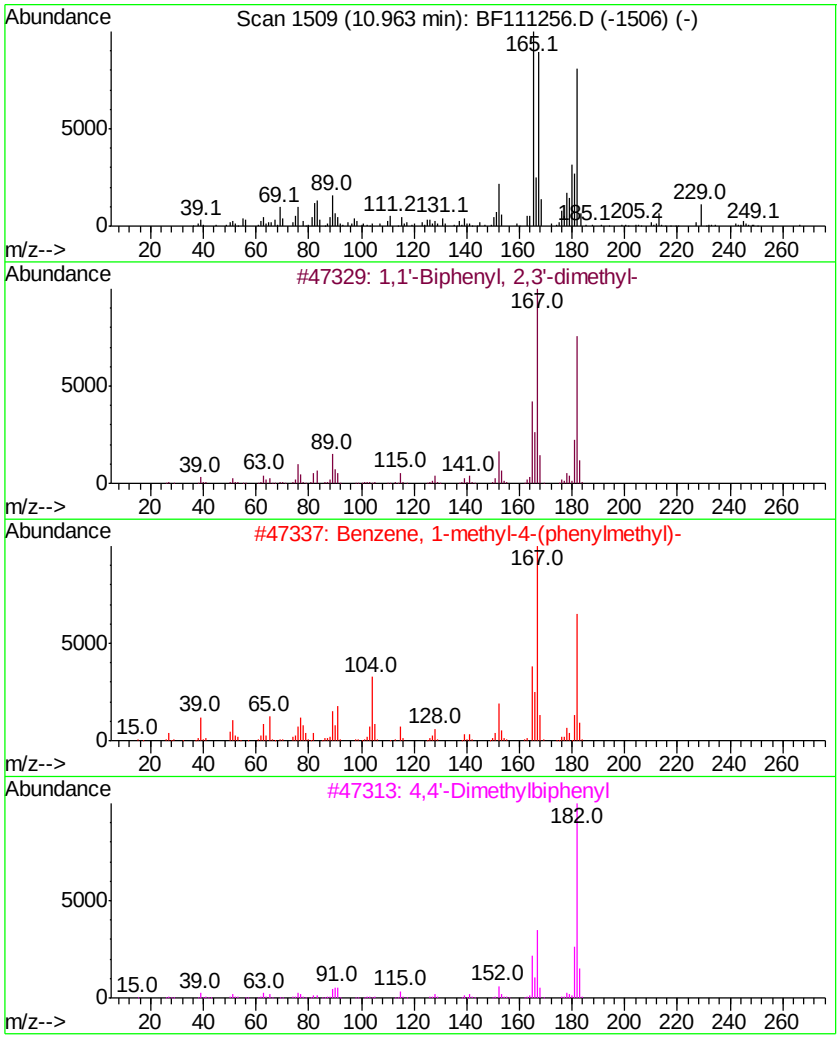
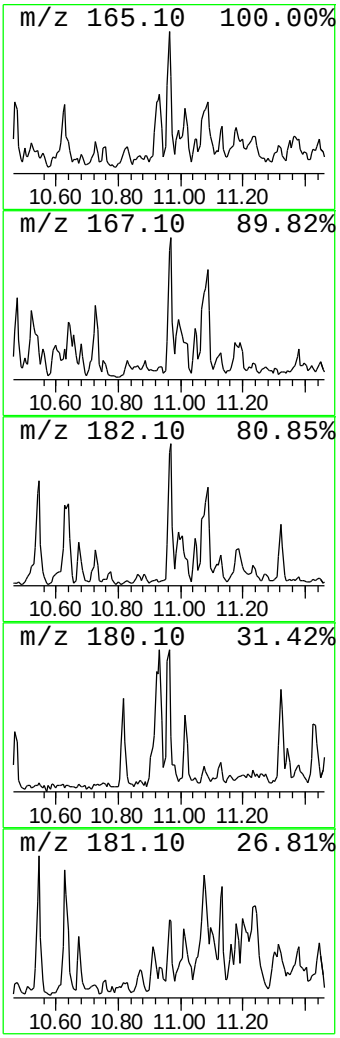
Peak Number 11 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	2.25 ng	334966	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
2	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	64
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	60
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	58





Library Search Compound Report

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Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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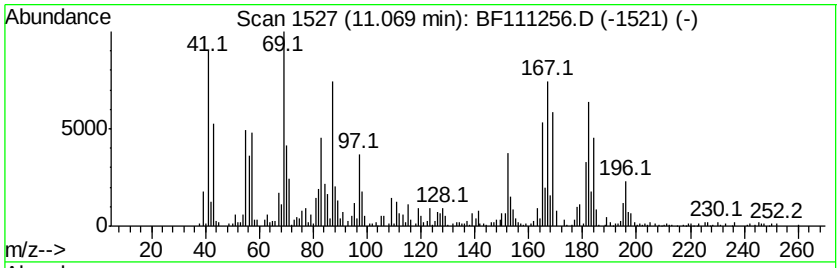
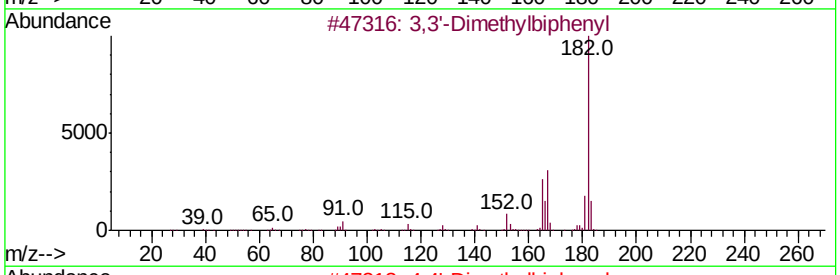
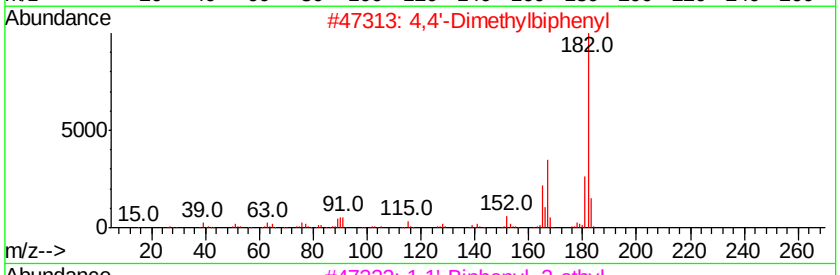
Peak Number 12 3,3'-Dimethylbiphenyl Concentration Rank 6

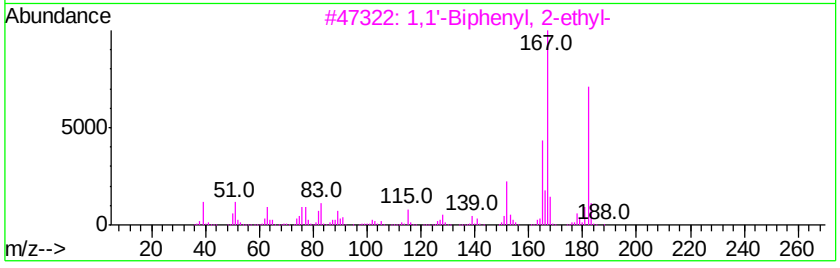
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.00 ng	1639420	Phenanthrene-d10	11.32

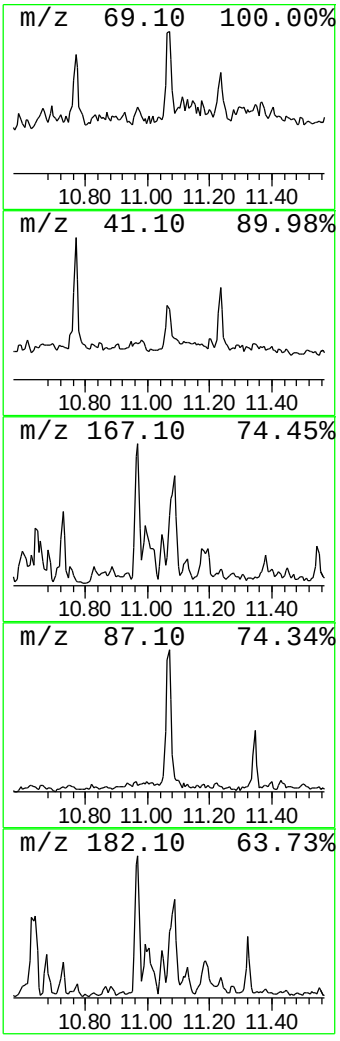
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	42
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	38
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	35
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	30











Library Search Compound Report

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Sample : J6237-01
Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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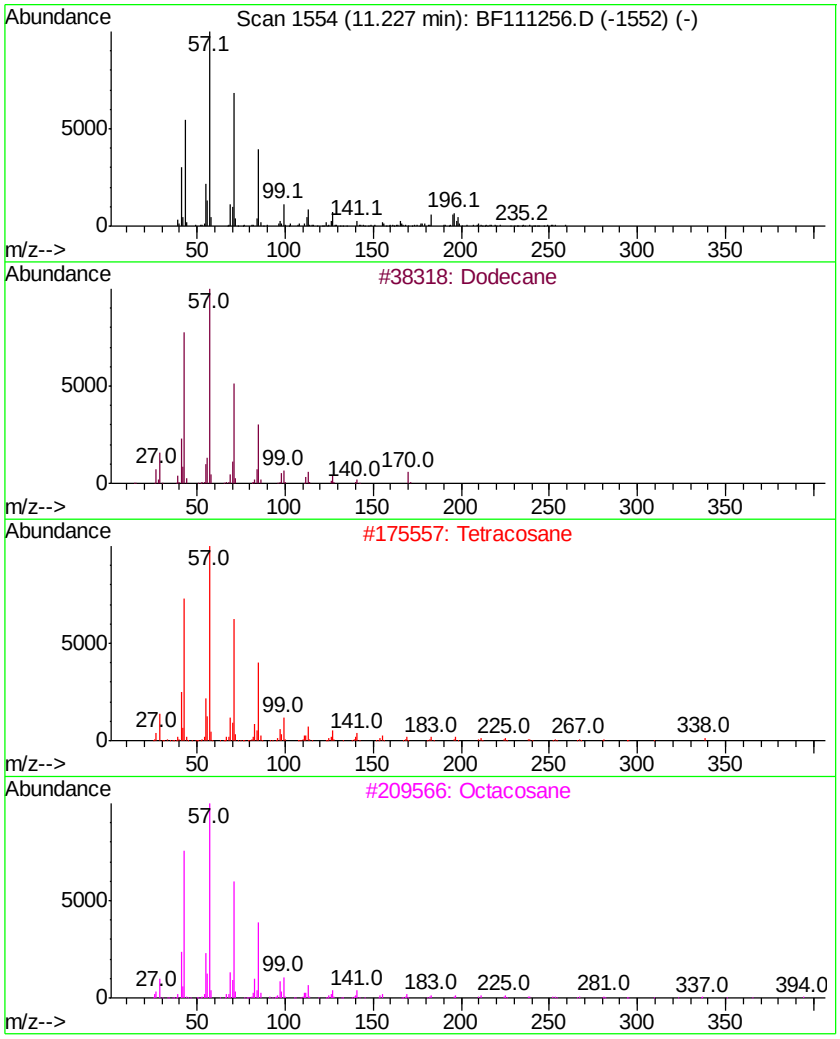
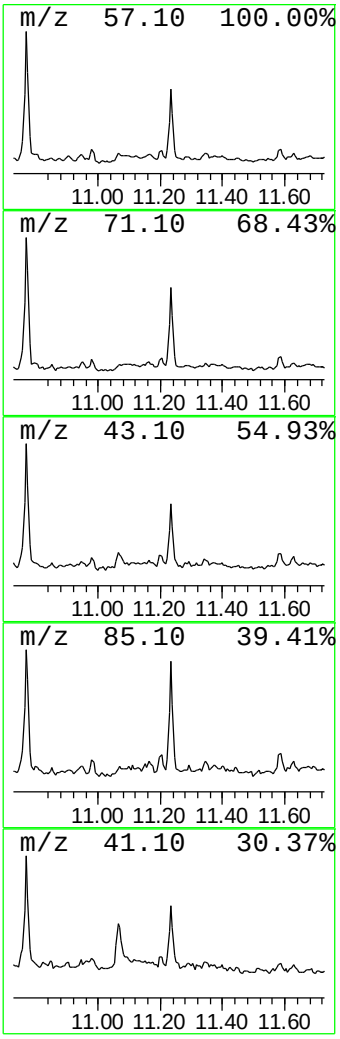
Peak Number 13 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	6.54 ng	974438	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Tetracosane	338	C24H50	000646-31-1	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Nonadecane	268	C19H40	000629-92-5	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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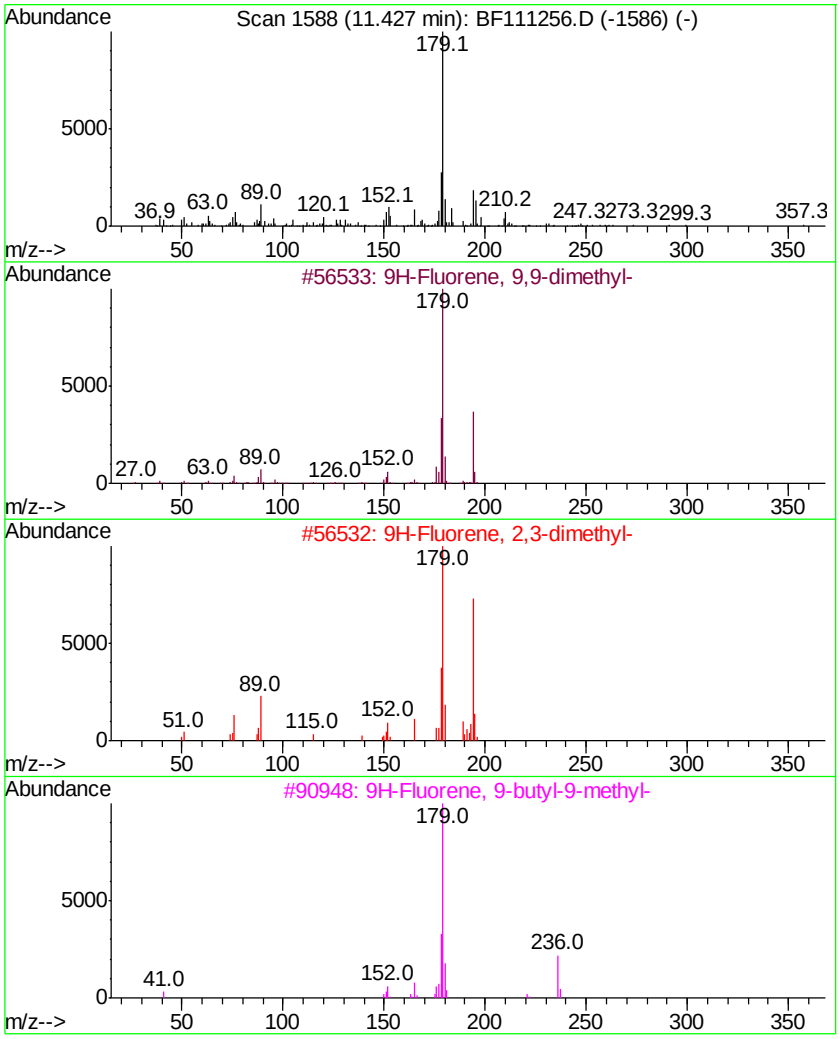
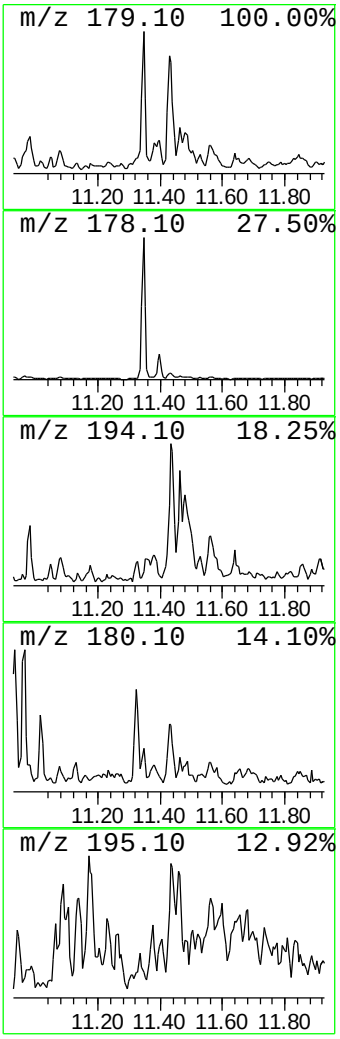
Peak Number 14 9H-Fluorene, 9,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.34 ng	348208	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	93
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	60
3	9H-Fluorene, 9-butyl-9-methyl-	236	C18H20	042348-92-5	60
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
5	Acridine	179	C13H9N	000260-94-6	55





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Sample : J6237-01
Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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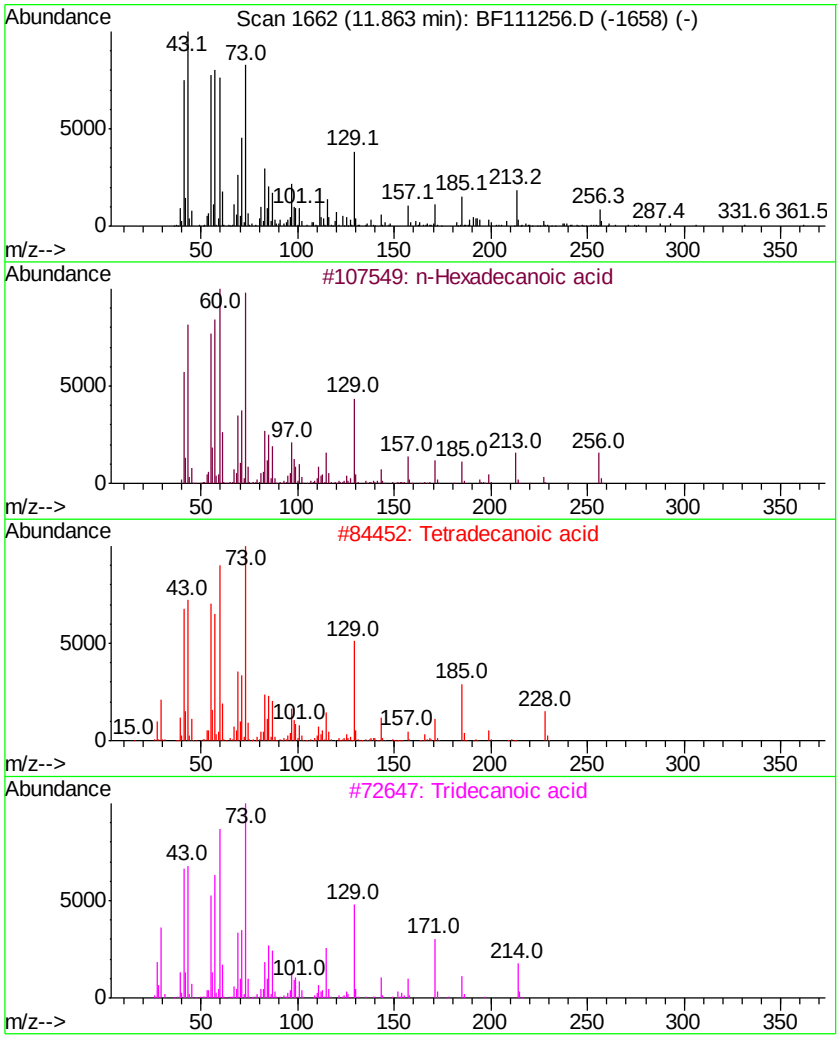
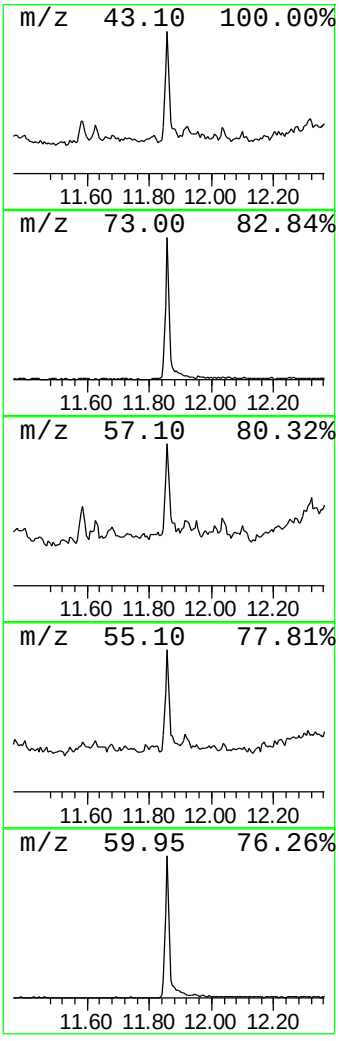
Peak Number 15 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.26 ng	934007	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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Misc :
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Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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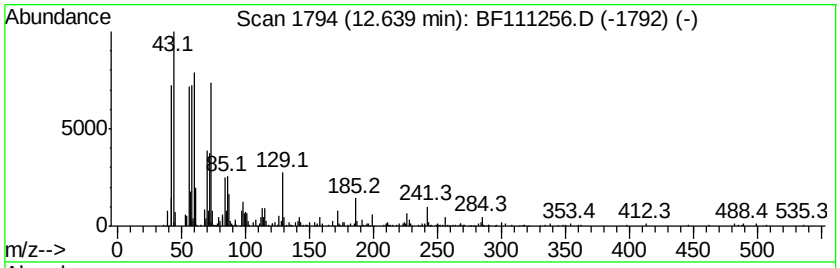
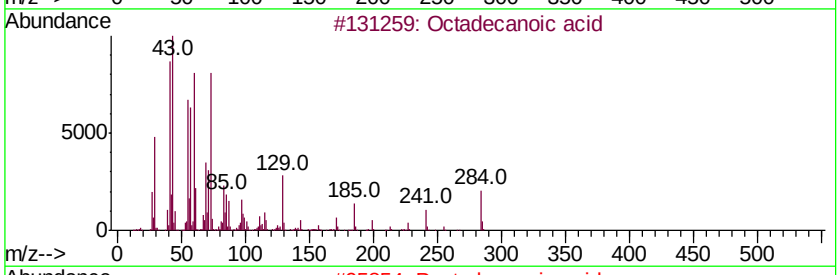
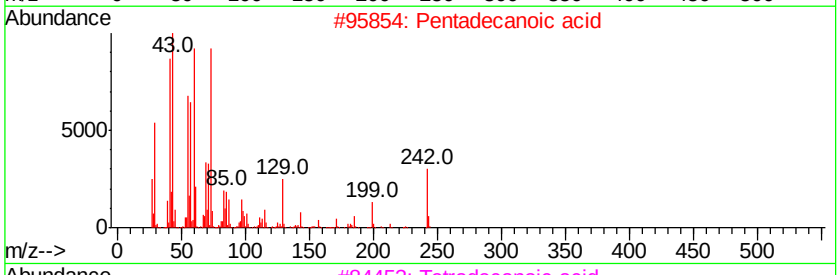
Peak Number 16 Octadecanoic acid Concentration Rank 14

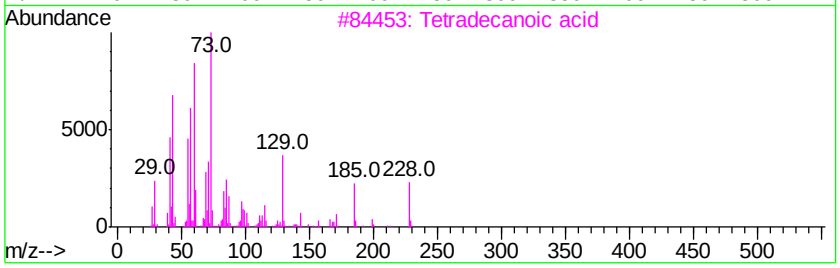
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.82 ng	420063	Phenanthrene-d10	11.32

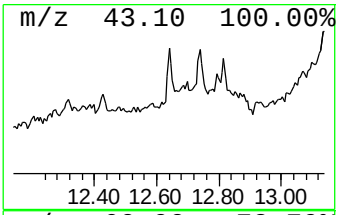
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

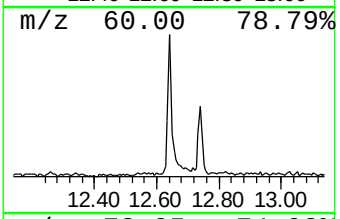


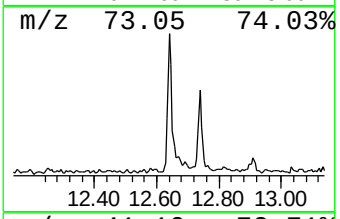


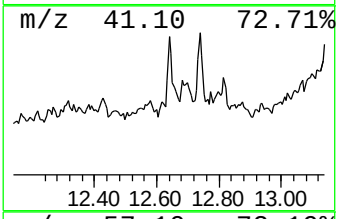


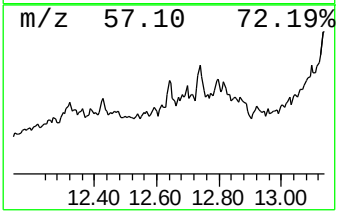












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Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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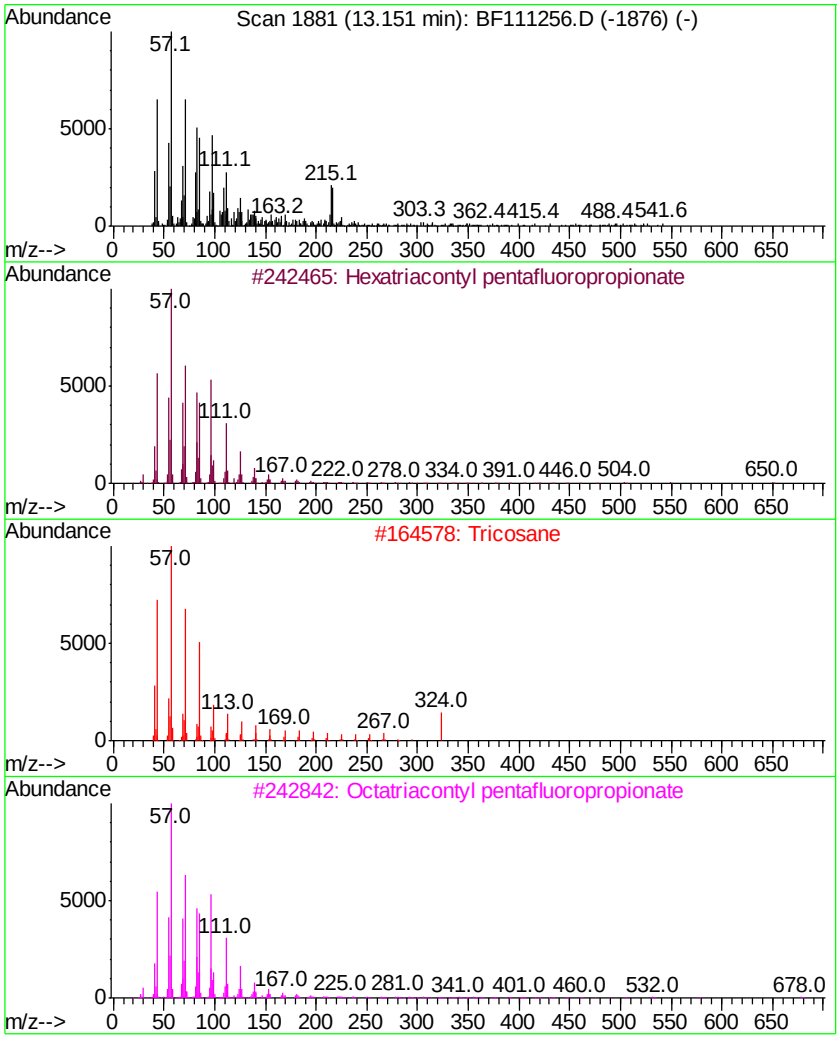
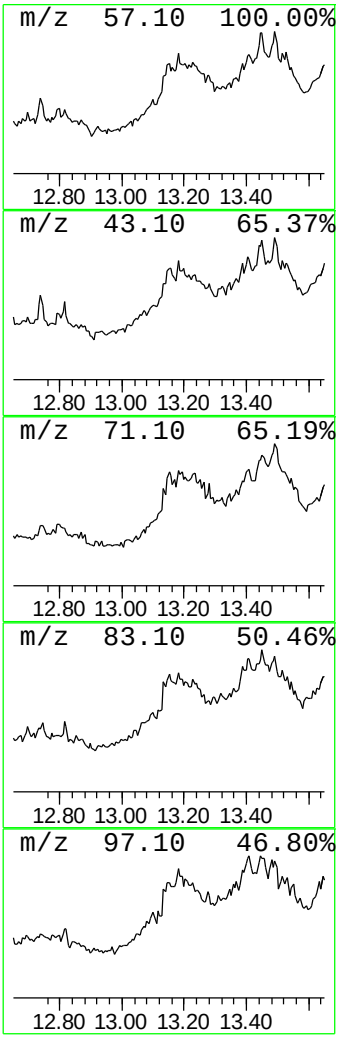
Peak Number 17 Hexatriacontyl pentafluorop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	15.20 ng	1427430	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	58
2	Tricosane	324	C23H48	000638-67-5	56
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	52
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
5	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	41





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Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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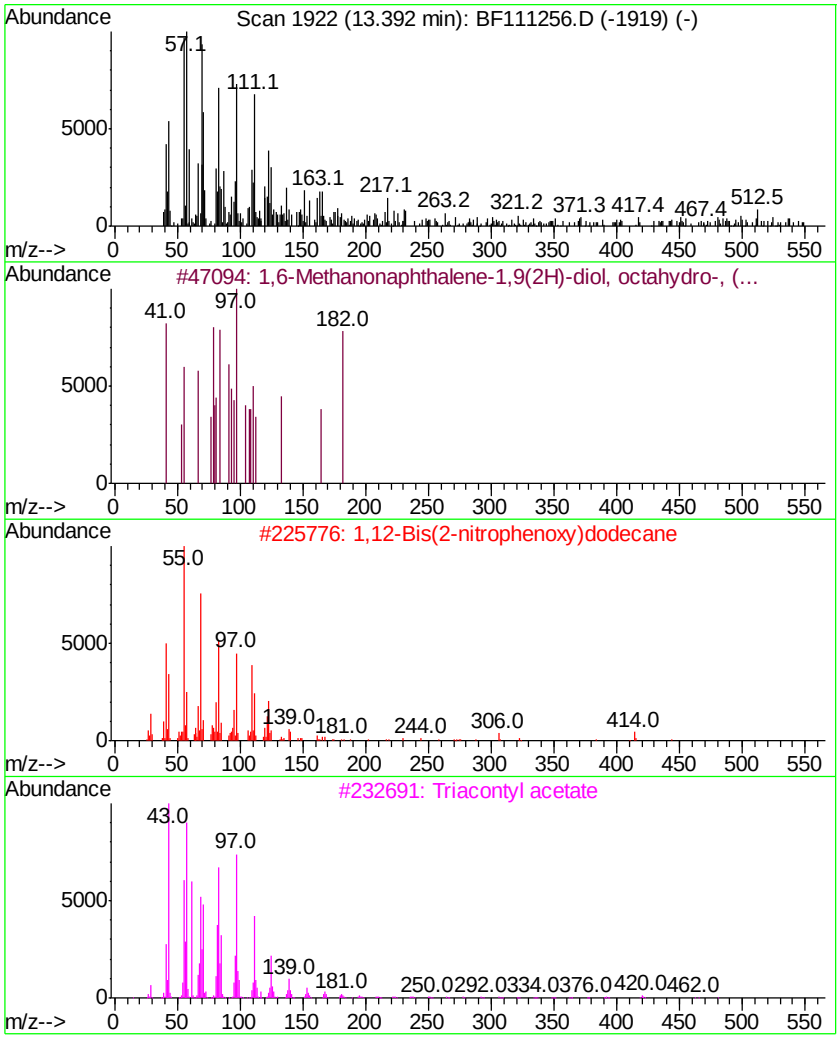
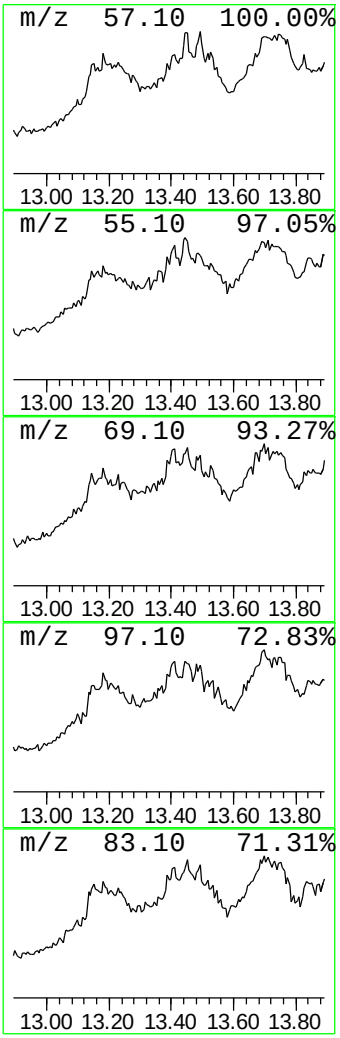
Peak Number 18 1,6-Methanonaphthalene-1,9(... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.41 ng	320489	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methanonaphthalene-1,9(2H)-d...	182	C11H18O2	062725-46-6	56
2	1,12-Bis(2-nitrophenoxy)dodecane	444	C24H32N2O6	155056-69-2	43
3	Triacontyl acetate	480	C32H64O2	041755-58-2	42
4	Oleyl alcohol, heptafluorobutyrate	464	C22H35F7O2	1000352-68-1	38
5	Oleic Acid	282	C18H34O2	000112-80-1	30





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Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

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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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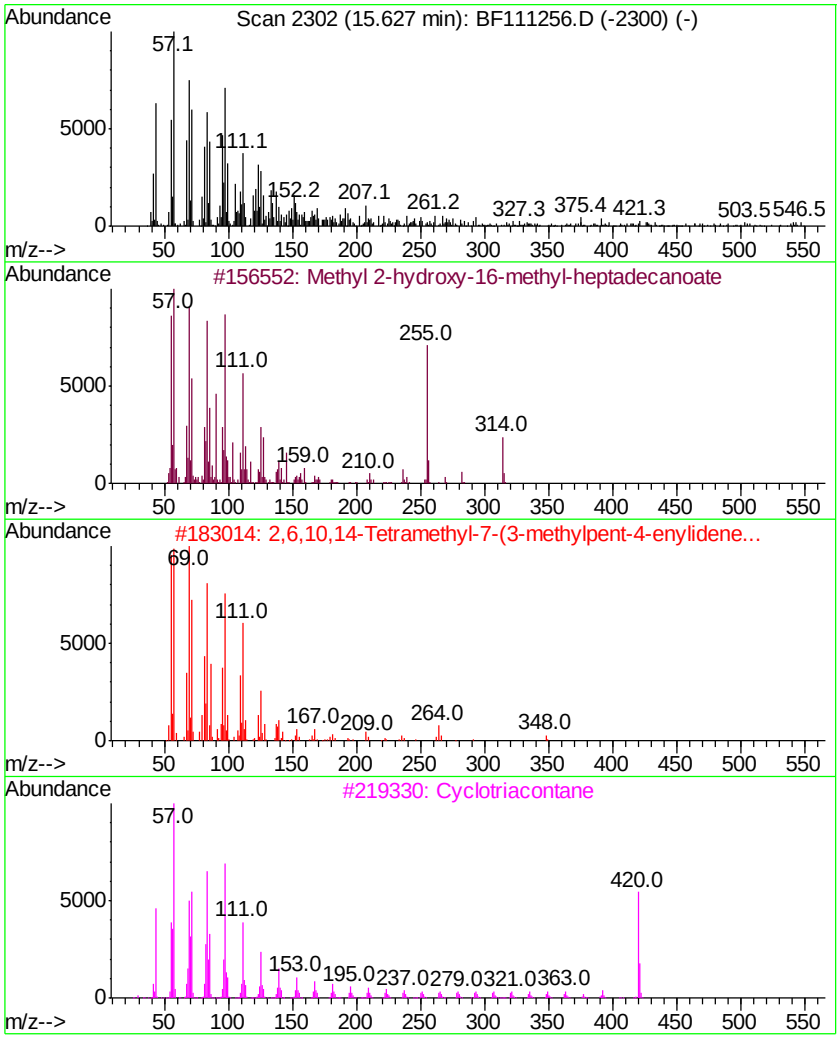
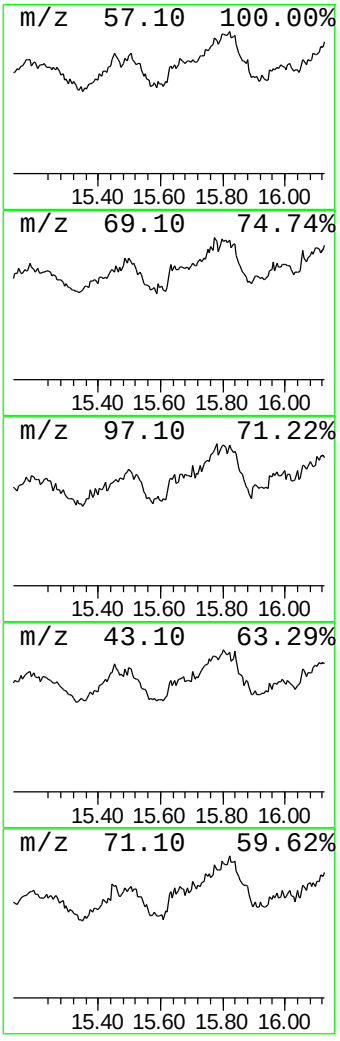
Peak Number 19 Methyl 2-hydroxy-16-methyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	14.51 ng	701664	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxy-16-methyl-hepta...	314	C19H38O3	1000336-40-8	58
2	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	52
3	Cyclotriacontane	420	C30H60	000297-35-8	47
4	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	45
5	trans-Geranylgeraniol	290	C20H34O	024034-73-9	42





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Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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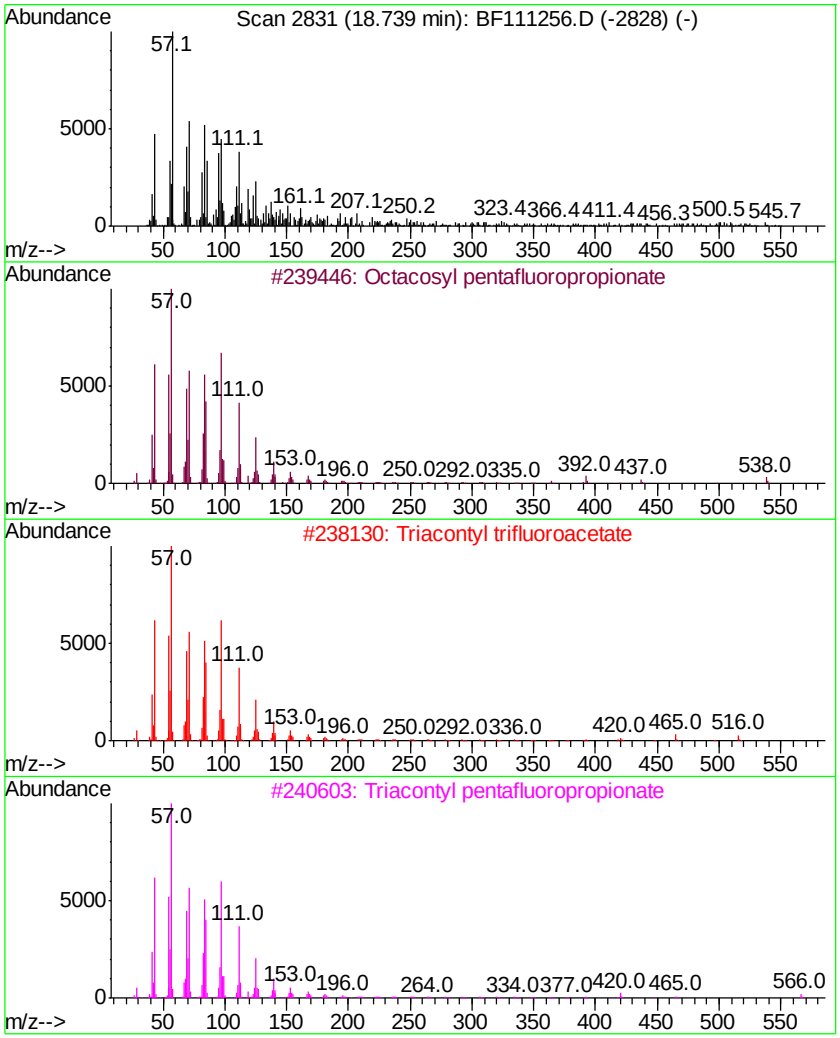
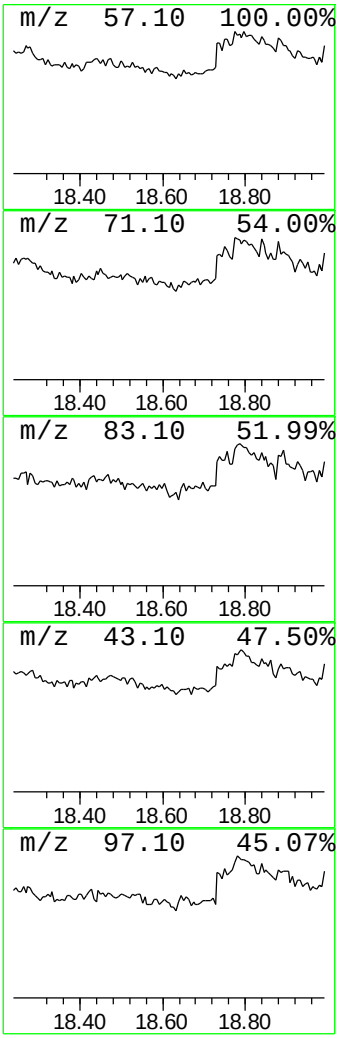
Peak Number 20 Octacosyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	11.60 ng	560659	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl pentafluoropropionate	556	C31H57F5O2	1000351-88-9	81
2	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	81
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	81
4	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	81
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	5.7	ng	1006460	1	6.80	3549860	20.0
unknown6.57	6.57	72.2	ng	12807900	1	6.80	3549860	20.0
Undecane, 2,6-dim...	8.52	2.3	ng	541795	2	8.09	4728370	20.0
unknown8.78	8.78	2.1	ng	493729	2	8.09	4728370	20.0
unknown9.25	9.25	3.3	ng	738192	3	9.84	4422130	20.0
unknown9.76	9.76	2.7	ng	601877	3	9.84	4422130	20.0
2-Bromo dodecane	10.50	3.9	ng	857270	3	9.84	4422130	20.0
Heptadecane, 2,6-...	10.77	10.1	ng	1506240	4	11.32	2981920	20.0
1,1'-Biphenyl, 2,...	10.96	2.3	ng	334966	4	11.32	2981920	20.0
3,3'-Dimethylbiph...	11.07	11.0	ng	1639420	4	11.32	2981920	20.0
Dodecane	11.23	6.5	ng	974438	4	11.32	2981920	20.0
9H-Fluorene, 9,9-...	11.43	2.3	ng	348208	4	11.32	2981920	20.0
n-Hexadecanoic acid	11.86	6.3	ng	934007	4	11.32	2981920	20.0
Octadecanoic acid	12.64	2.8	ng	420063	4	11.32	2981920	20.0
Hexatriacontyl pe...	13.15	15.2	ng	1427430	5	13.96	1878310	20.0
1,6-Methanonaphth...	13.39	3.4	ng	320489	5	13.96	1878310	20.0
Methyl 2-hydroxy-...	15.63	14.5	ng	701664	6	15.40	966902	20.0
Octacosyl pentafl...	18.74	11.6	ng	560659	6	15.40	966902	20.0