LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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-BF010719.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	17	rVB	81215	118697	1.35%	0.183%
2	5.092	505	511	520	rBV	164136	200092	2.28%	0.308%
3	5.510	577	582	585	rBV	2823479	2679143	30.48%	4.127%
4	6.522	748	754	758	rBV	2612287	2981330	33.91%	4.593%
5	6.651	772	776	779	rVB	3135519	2791783	31.76%	4.301%
6	6.875	810	814	821	rVB2	701316	789827	8.98%	1.217%
7	7.034	836	841	844	rBV	2444385	2250604	25.60%	3.467%
8	7.434	899	909	912	rBV	1920756	2041167	23.22%	3.145%
9	7.522	919	924	927	rVB5	137419	216968	2.47%	0.334%
10	7.581	927	934	937	rBV5	107221	227833	2.59%	0.351%
11	7.657	943	947	949	rVB2	120296	126587	1.44%	0.195%
12	7.798	969	971	974	rVV3	144564	124714	1.42%	0.192%
13	7.833	974	977	980	rVB3	101716	127464	1.45%	0.196%
14	7.892	985	987	990	rBV2	125436	131479	1.50%	0.203%
15	7.975	998	1001	1007	rBV6	93261	143356	1.63%	0.221%
16	8.157	1027	1032	1035	rBV	797039	824075	9.37%	1.270%
17	8.216	1038	1042	1045	rVB	463679	511011	5.81%	0.787%
18	8.245	1045	1047	1050	rBV3	149504	150747	1.71%	0.232%
19	8.333	1060	1062	1064	rBV	145644	121705	1.38%	0.187%
20	8.445	1078	1081	1086	rBV3	226655	232549	2.65%	0.358%
21	8.580	1101	1104	1106	rBV	479527	388707	4.42%	0.599%
22	8.622	1109	1111	1115	rVB3	160908	141046	1.60%	0.217%
23	8.663	1115	1118	1120	rBV2	180702	164306	1.87%	0.253%
24	8.845	1146	1149	1153	rVB4	301372	310042	3.53%	0.478%
25	8.933	1161	1164	1168	rBV4	122928	214270	2.44%	0.330%
26	9.063	1184	1186	1190	rVB5	193798	213030	2.42%	0.328%
27	9.098	1190	1192	1194	rBV2	123225	117935	1.34%	0.182%
28	9.180	1203	1206	1210	rVB2	857254	766725	8.72%	1.181%
29	9.233	1210	1215	1217	rBV	3031023	2767302	31.48%	4.263%
30	9.322	1224	1230	1233	rBV4	539691	822251	9.35%	1.267%
31	9.410	1243	1245	1247	rBV2	262982	209137	2.38%	0.322%
32	9.463	1252	1254	1256	rBV2	167403	165329	1.88%	0.255%
33	9.504	1259	1261	1264	rVB4	314054	269949	3.07%	0.416%
34	9.545	1265	1268	1270	rBV3	338705	383591	4.36%	0.591%

LSC Area Percent Report

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Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.569	1270	1272	1274	rVV	438074	425580	4.84%	0.656%
36	9.592	1274	1276	1279	rVV3	320629	324157	3.69%	0.499%
37	9.639	1279	1284	1286	rVV3	1542287	1804438	20.53%	2.780%
38	9.663	1286	1288	1290	rVV3	296560	249124	2.83%	0.384%
39	9.686	1290	1292	1296	rVV2	299038	352657	4.01%	0.543%
40	9.792	1305	1310	1312	rBV5	382728	601973	6.85%	0.927%
41	9.827	1312	1316	1319	rBV4	537562	605877	6.89%	0.933%
42	9.863	1319	1322	1324	rBV5	273272	362751	4.13%	0.559%
43	9.910	1324	1330	1333	rVV4	1025865	1809823	20.59%	2.788%
44	9.951	1333	1337	1339	rVV2	1516217	1446792	16.46%	2.229%
45	9.980	1340	1342	1346	rVB4	547717	636932	7.25%	0.981%
46	10.022	1346	1349	1352	rBV3	559766	657805	7.48%	1.013%
47	10.063	1353	1356	1357	rBV2	369068	377340	4.29%	0.581%
48	10.116	1362	1365	1368	rVB3	946988	962464	10.95%	1.483%
49	10.175	1370	1375	1382	rVB5	973529	1351374	15.37%	2.082%
50	10.233	1382	1385	1387	rBV	805642	829416	9.43%	1.278%
51	10.327	1399	1401	1406	rVB5	744680	1044749	11.88%	1.610%
52	10.380	1407	1410	1412	rBV2	555563	637100	7.25%	0.981%
53	10.463	1421	1424	1426	rBV2	1085001	1360321	15.47%	2.096%
54	10.580	1440	1444	1447	rVB	3684783	3476443	39.55%	5.356%
55	10.622	1449	1451	1457	rVB3	911711	1093005	12.43%	1.684%
56	10.710	1464	1466	1469	rVB	1302932	1183652	13.46%	1.823%
57	10.857	1485	1491	1494	rBV	6068813	7452498	84.77%	11.481%
58	11.333	1566	1572	1574	rVB2	6455953	8790917	100.00%	13.543%
59	11.680	1628	1631	1633	rBV	2227193	2001012	22.76%	3.083%
60	12.174	1713	1715	1717	rBV	1439546	996708	11.34%	1.535%
61	17.709	2653	2656	2661	rBV5	168642	351634	4.00%	0.542%

Sum of corrected areas: 64911293

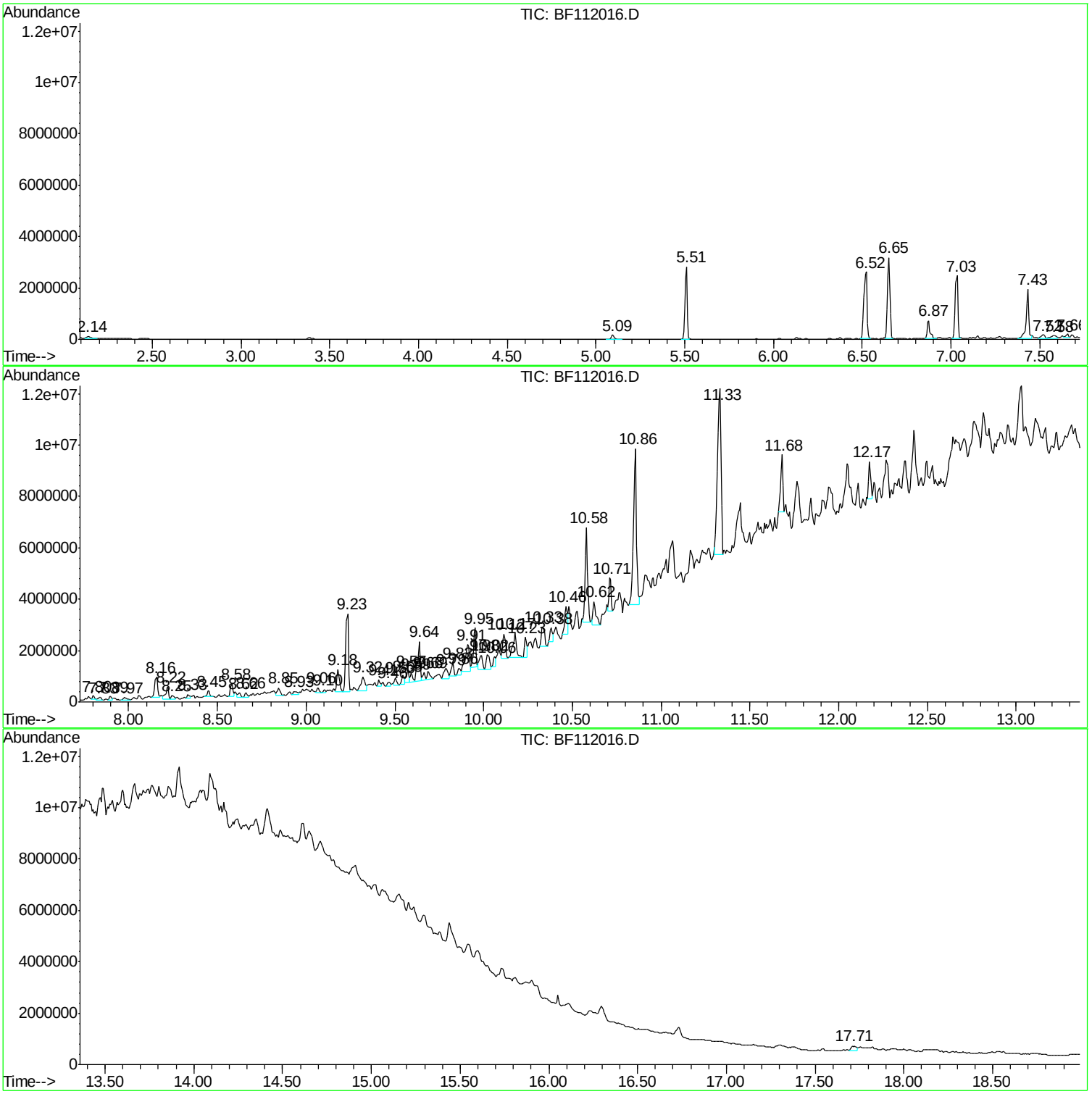
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

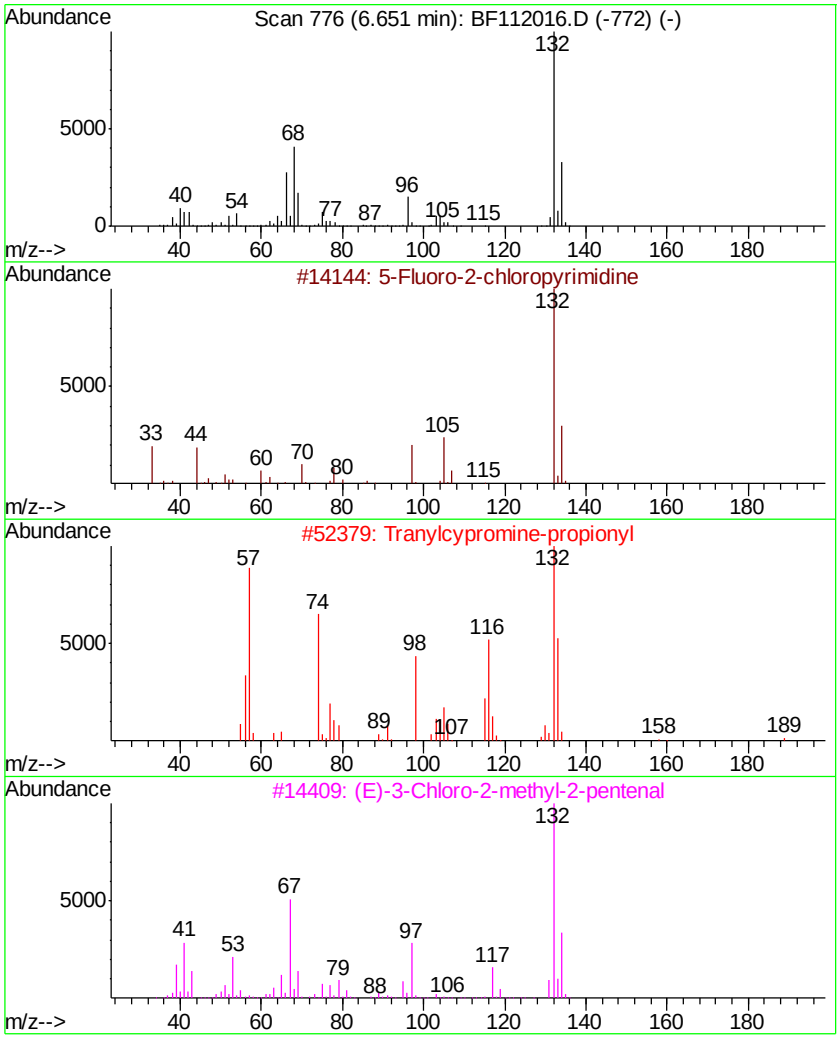
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

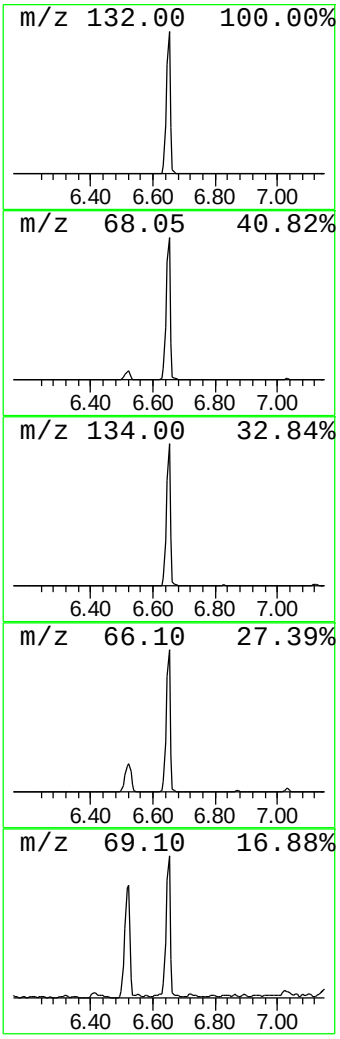
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.69 ng	2791780	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

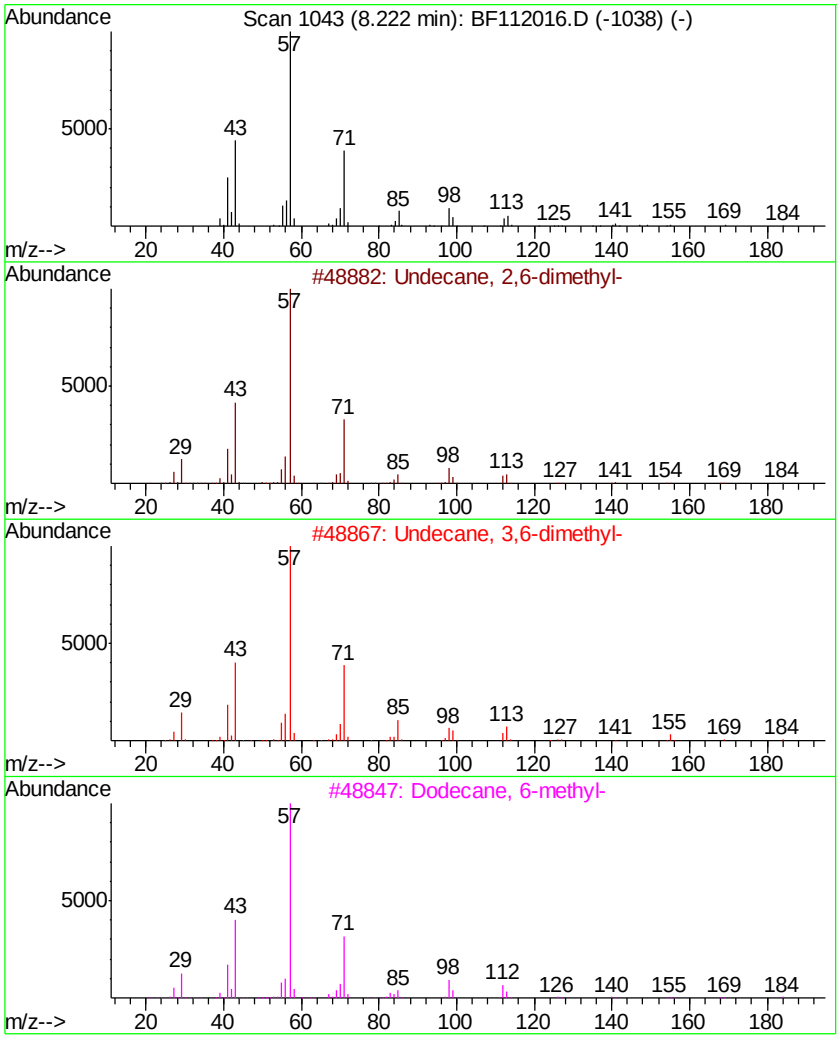
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

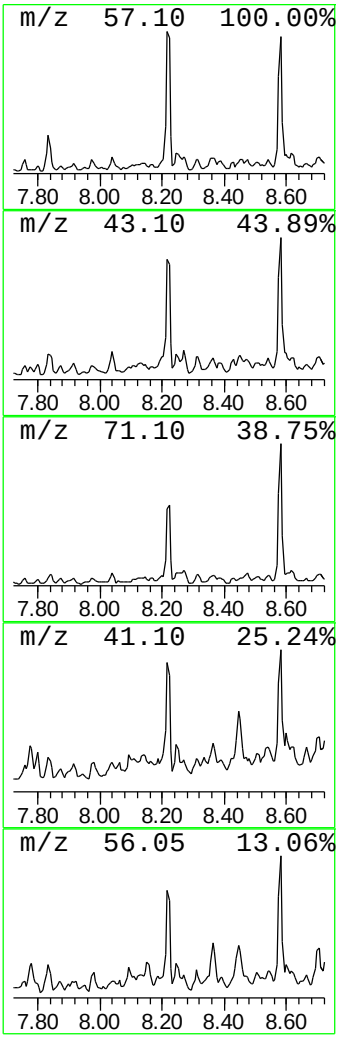
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	12.40 ng	511011	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

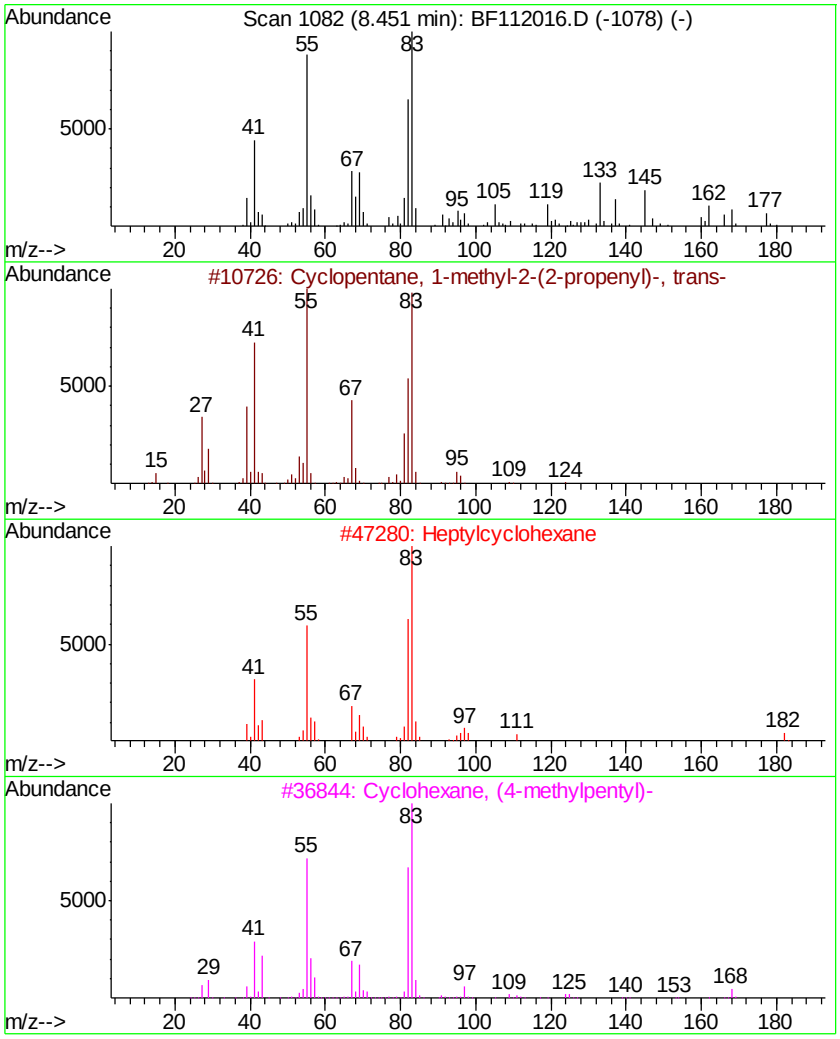
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

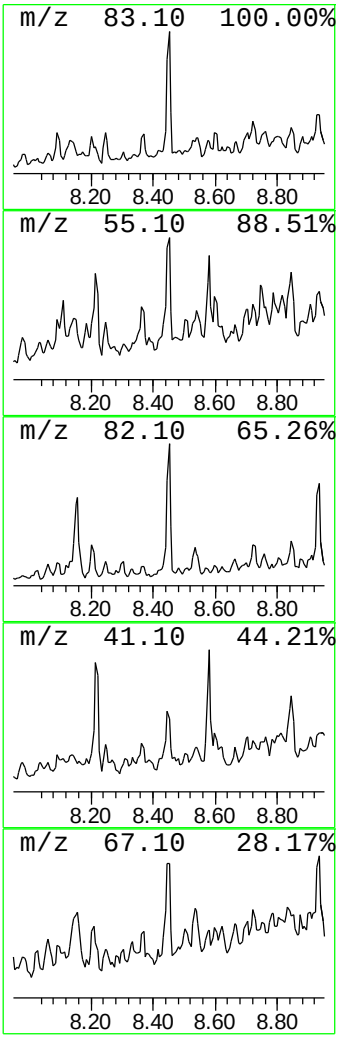
****

Peak Number 4 unknown8.45 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.64 ng	232549	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	49
2	Heptylcyclohexane	182	C13H26	005617-41-4	43
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

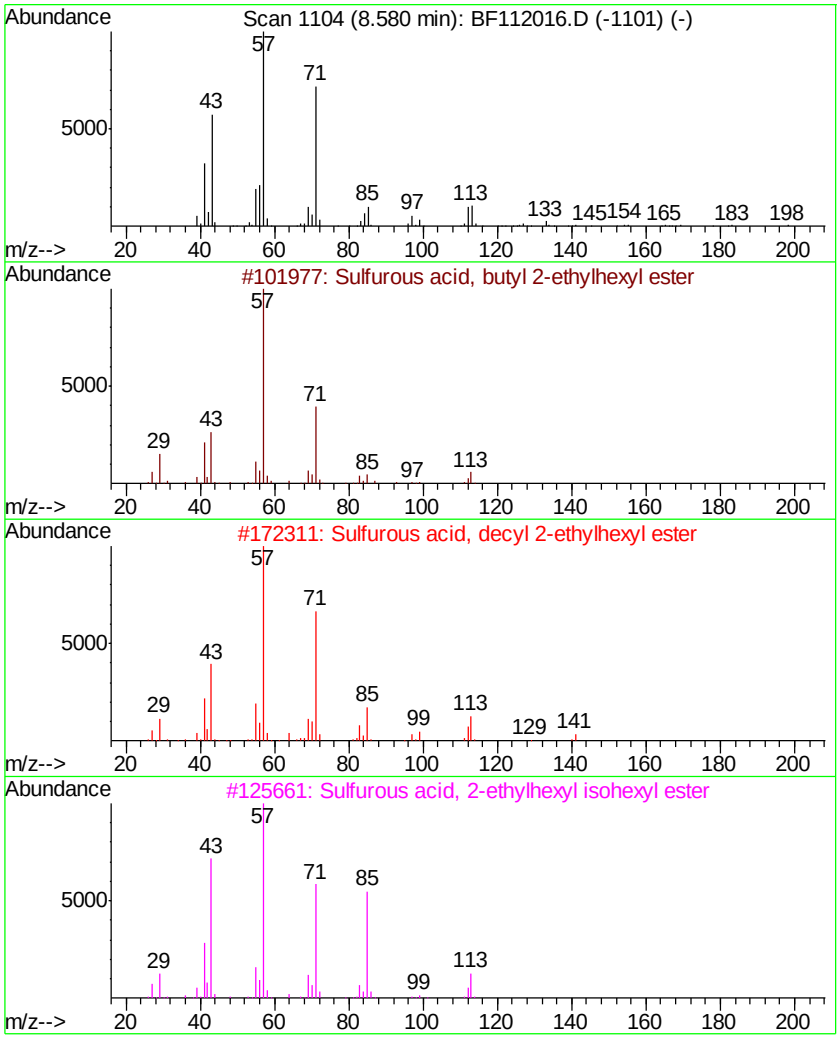
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

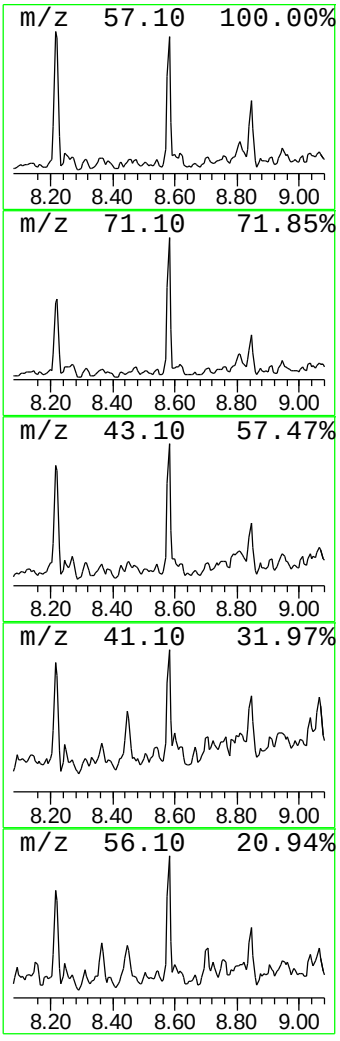
****

Peak Number 5 Sulfurous acid, butyl 2-eth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	9.43 ng	388707	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

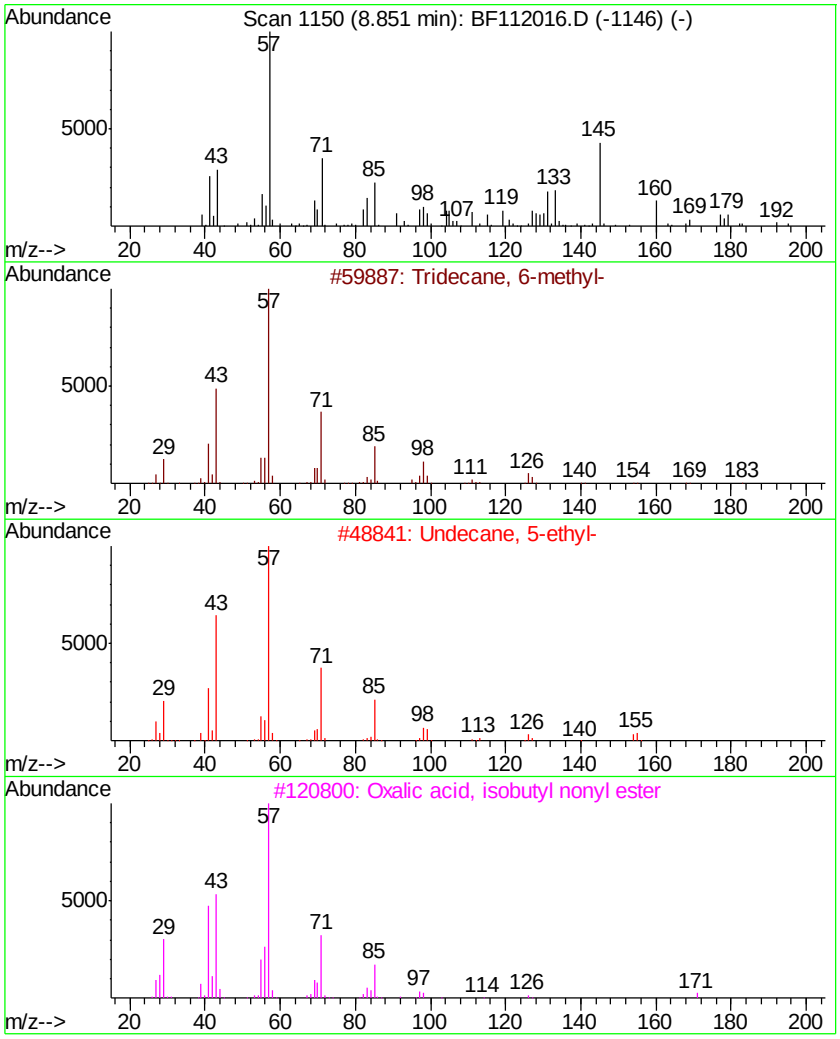
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

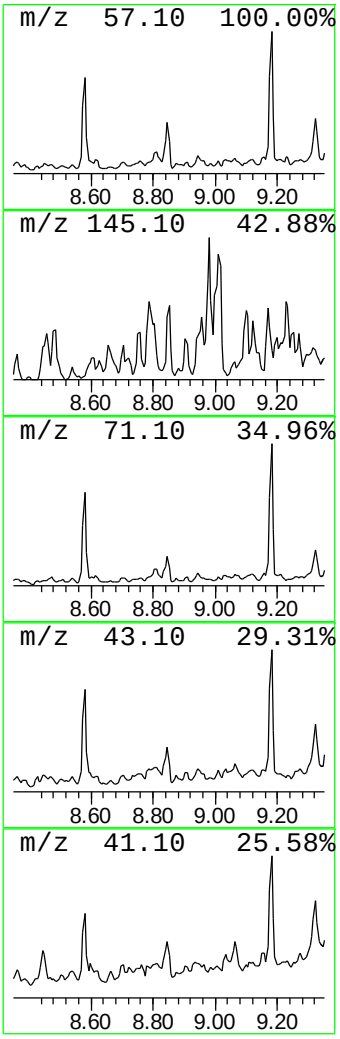
****

Peak Number 6 Tridecane, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.52 ng	310042	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

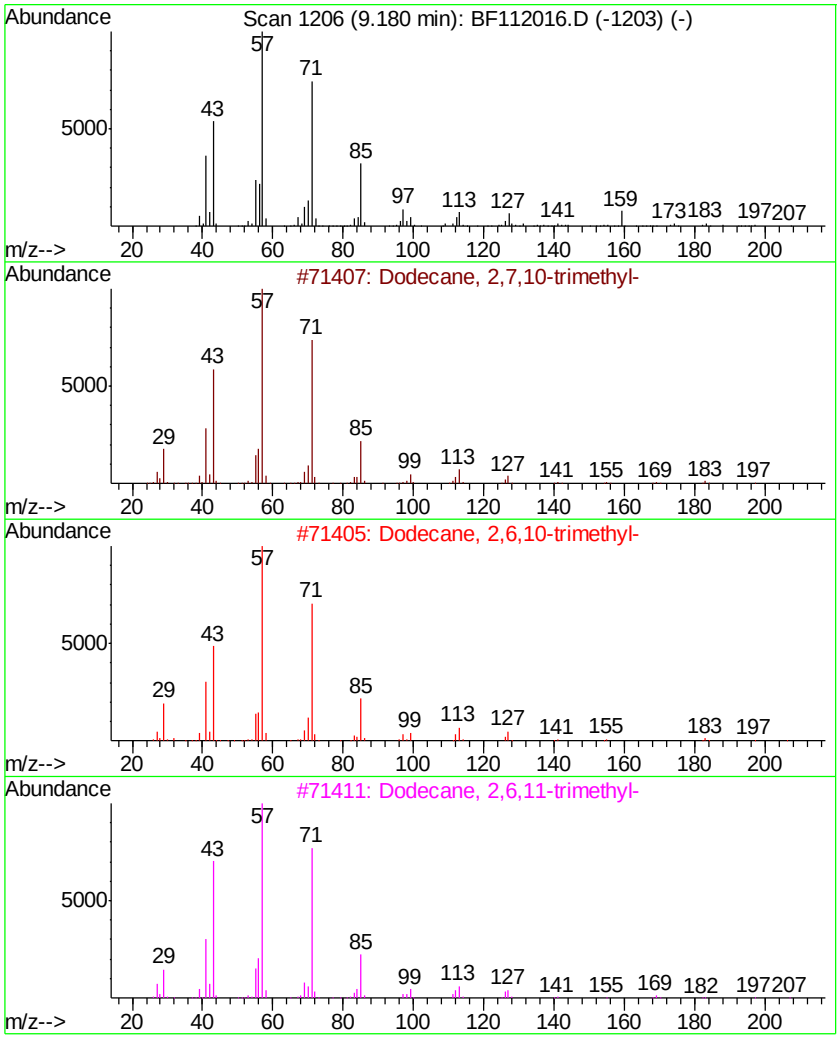
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

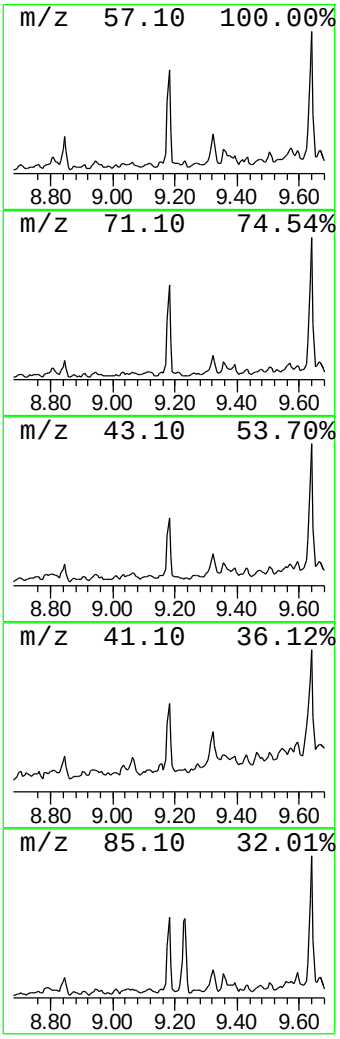
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.47 ng	766725	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

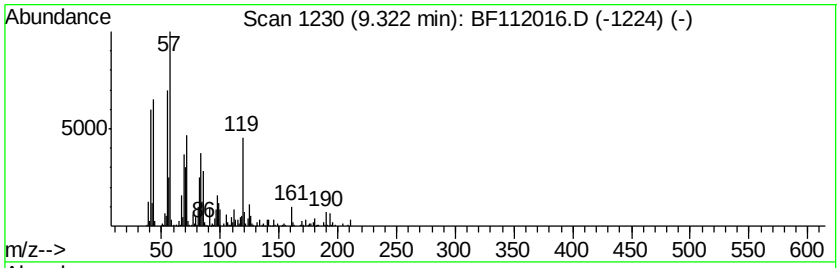
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

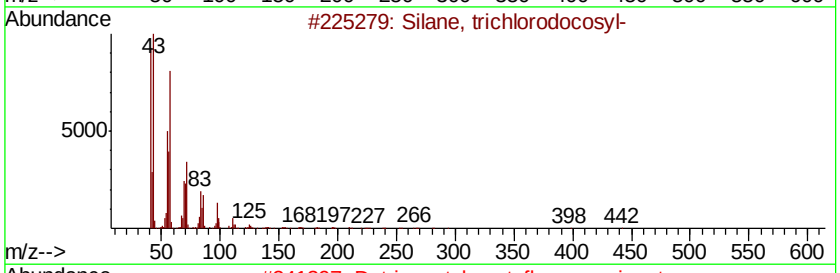
****

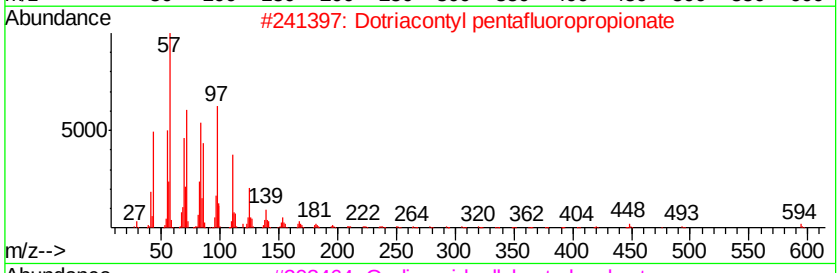
Peak Number 8 Silane, trichlorodocosyl- Concentration Rank 13

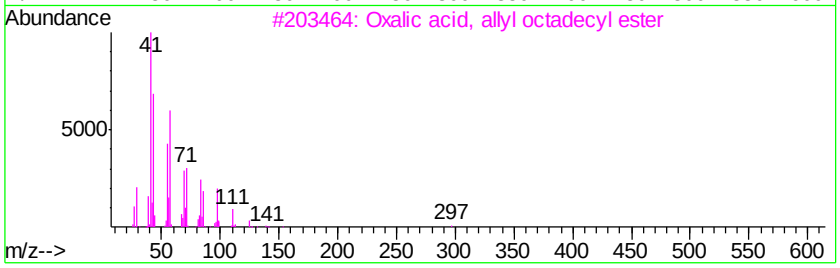
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	9.09 ng	822251	Acenaphthene-d10	9.92

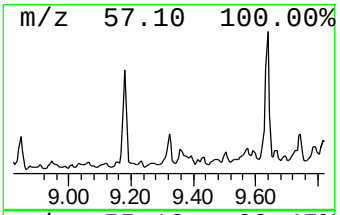
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	52
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	49
3	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	46
4	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	43
5	1-Tridecene	182	C13H26	002437-56-1	38

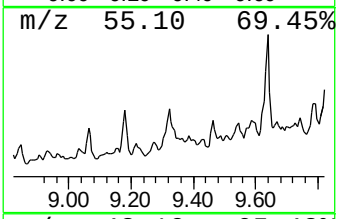


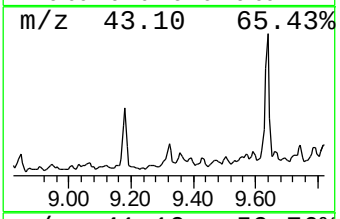


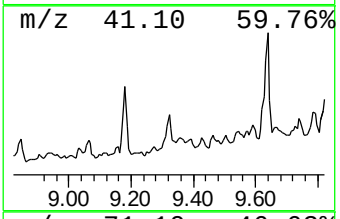


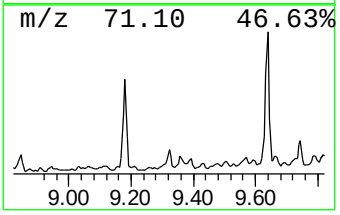












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Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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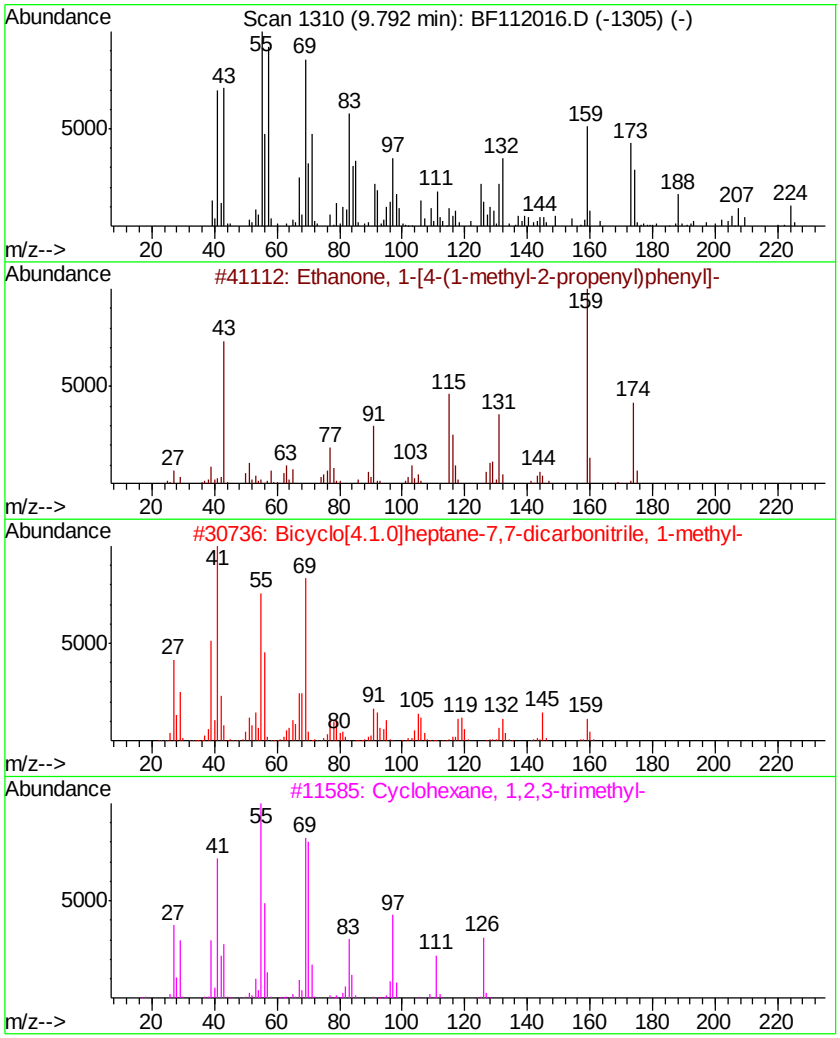
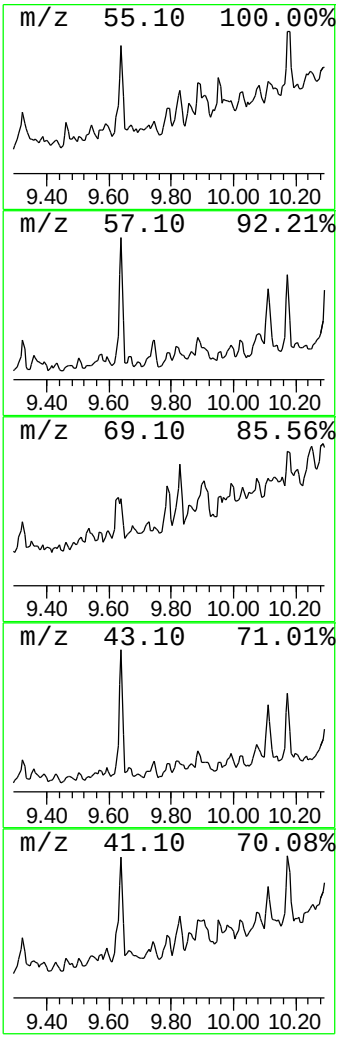
Peak Number 9 unknown9.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.65 ng	601973	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	47
2	Bicyclo[4.1.0]heptane-7,7-dicarb...	160	C10H12N2	074764-53-7	25
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	25
4	2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	18
5	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	18





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Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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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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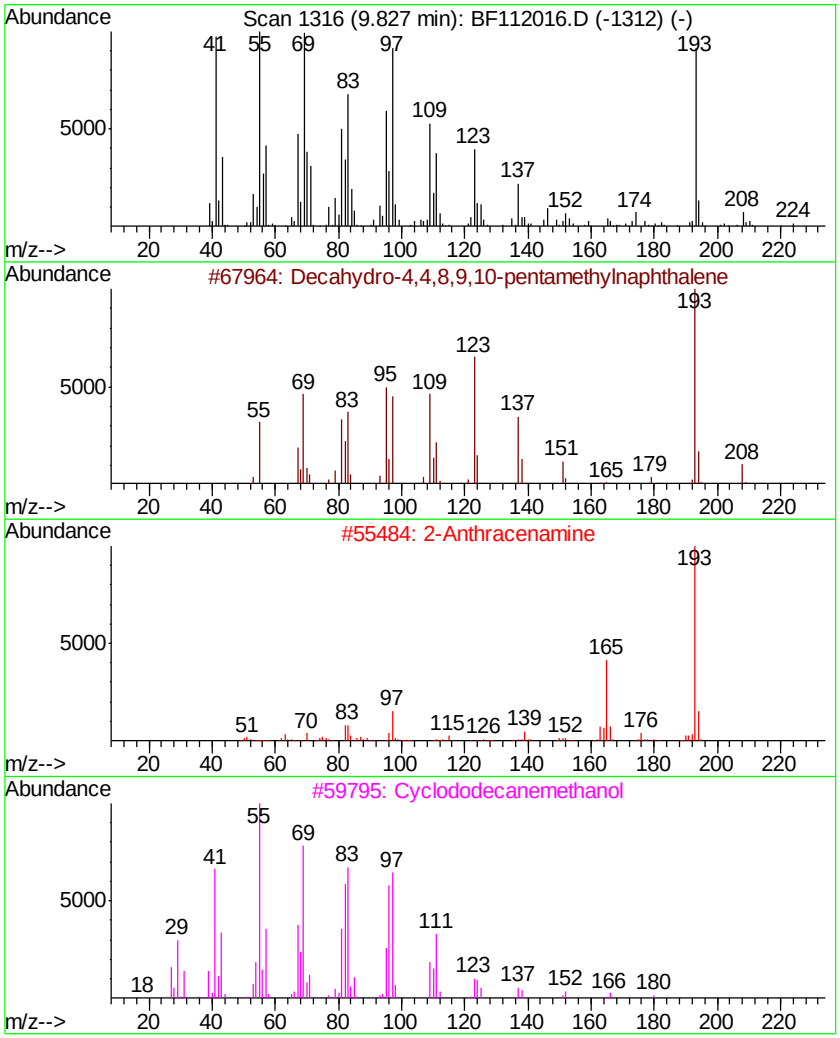
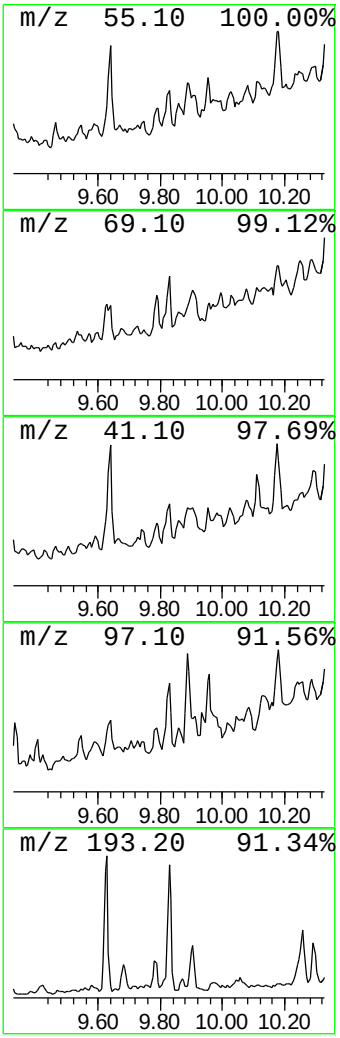
Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.70 ng	605877	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
2	2-Anthracenamine	193	C14H11N	000613-13-8	46
3	Cyclododecanemethanol	198	C13H26O	001892-12-2	43
4	1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	25
5	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	25





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Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : CPSB-04(15-20)

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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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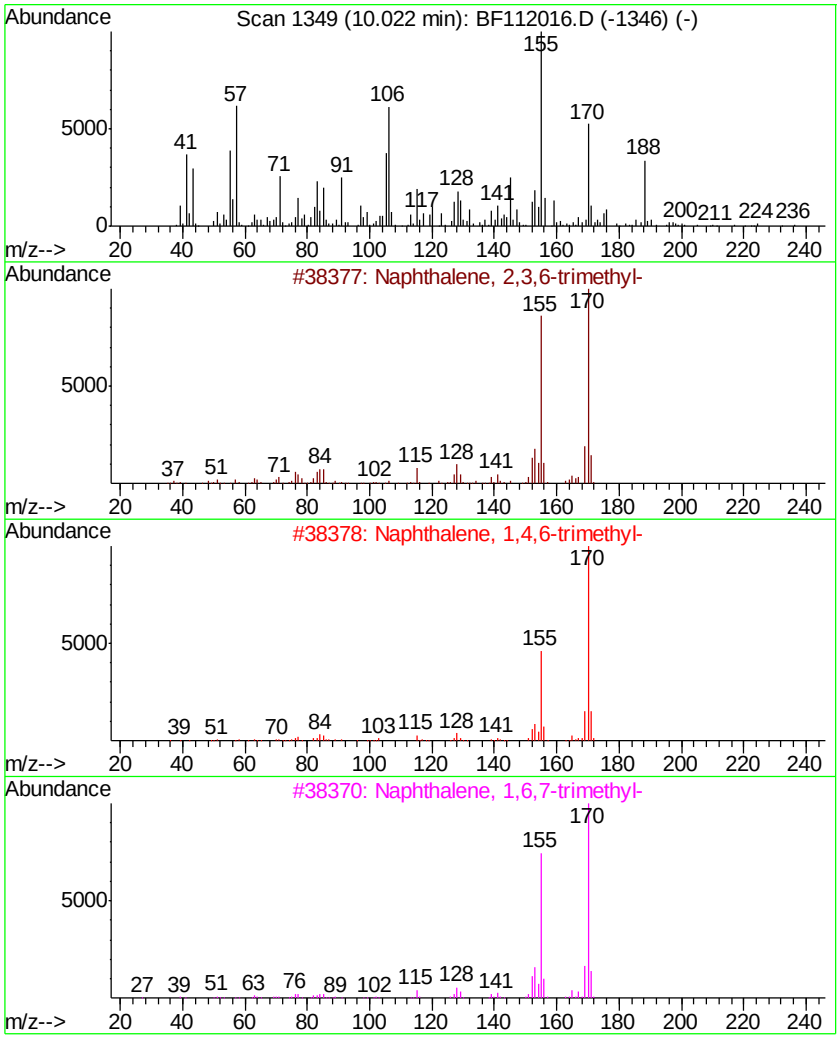
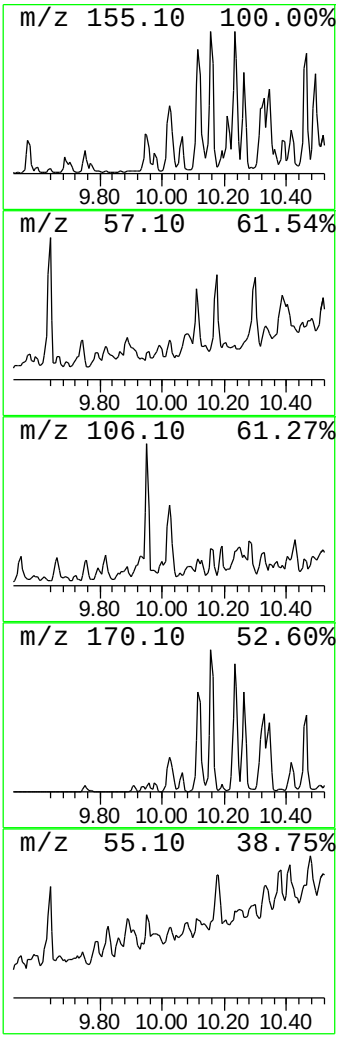
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	7.27 ng	657805	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	49
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	43





Library Search Compound Report

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Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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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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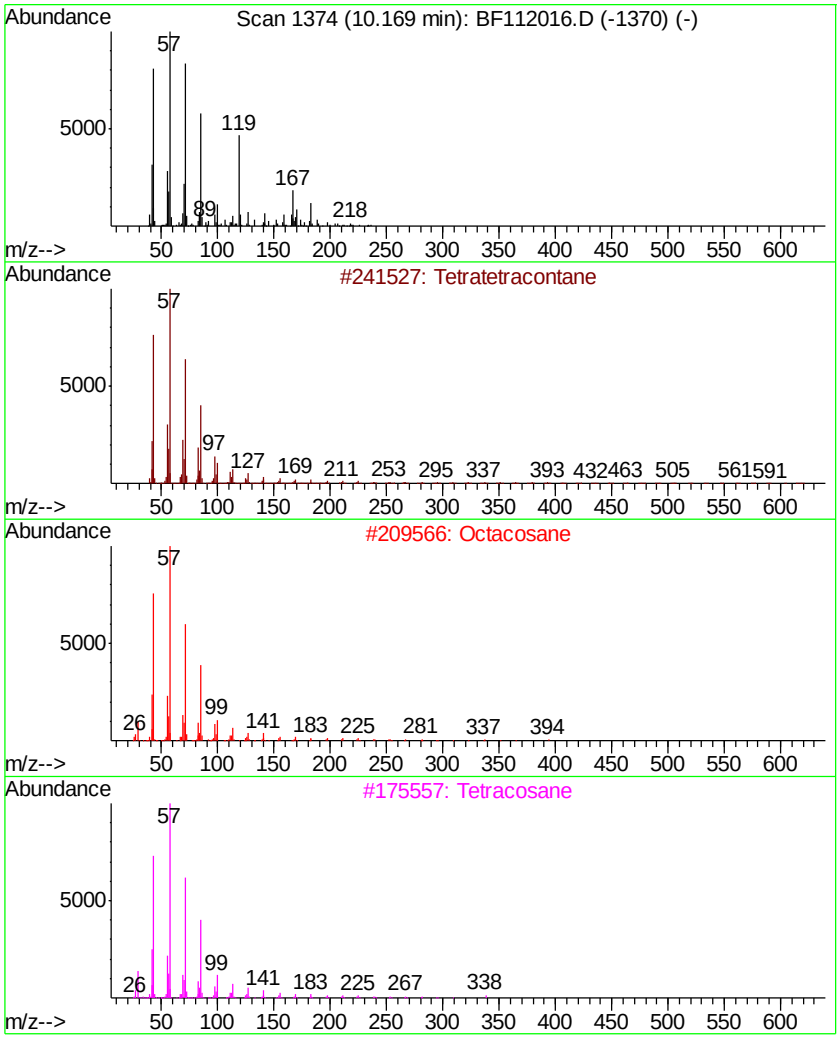
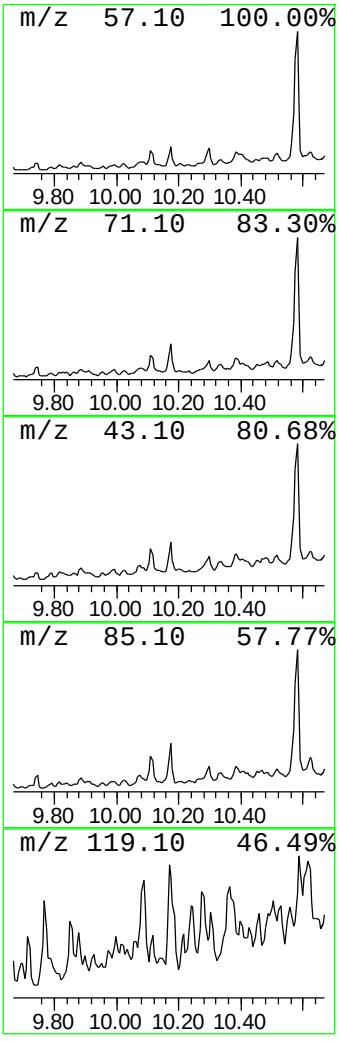
Peak Number 12 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	14.93 ng	1351370	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	72
2	Octacosane	394	C28H58	000630-02-4	64
3	Tetracosane	338	C24H50	000646-31-1	59
4	4,4-Dipropylheptane	184	C13H28	017312-72-0	58
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53





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Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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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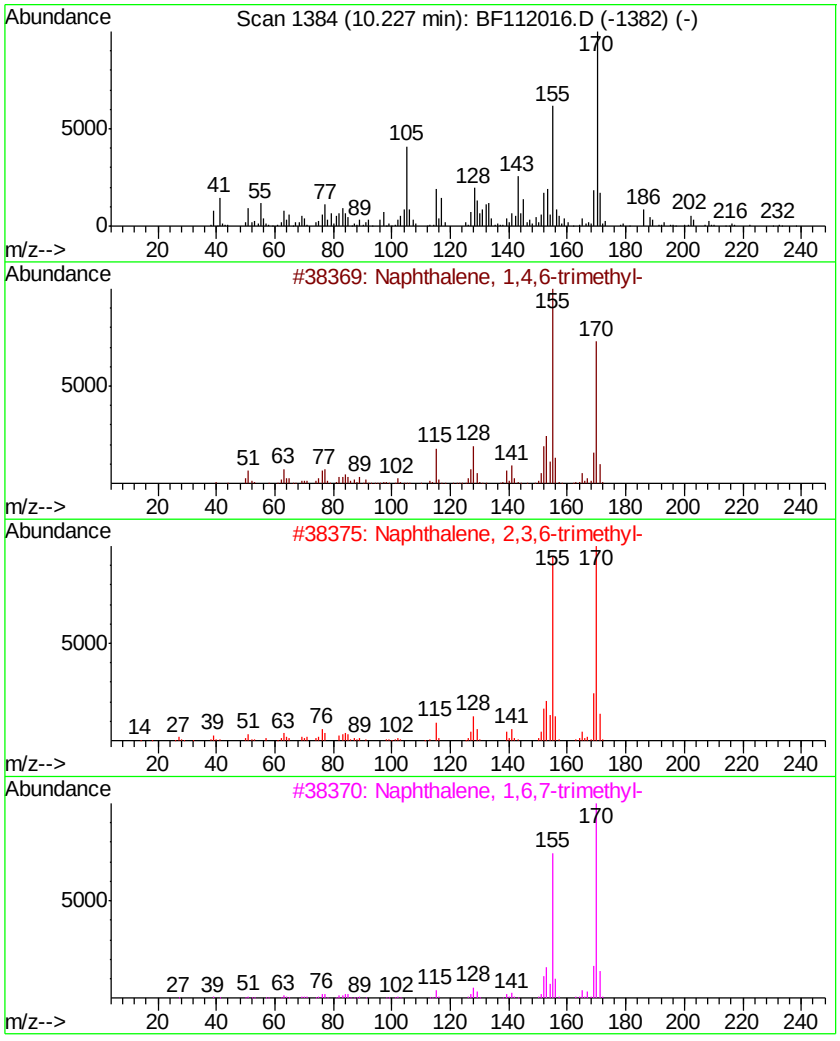
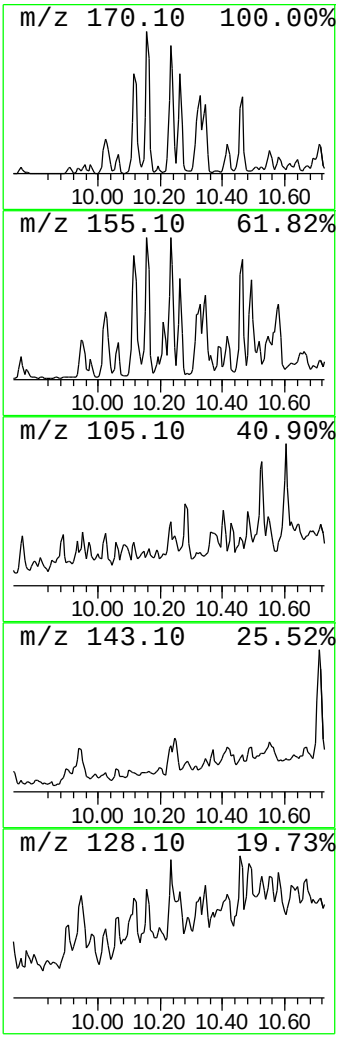
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	9.17 ng	829416	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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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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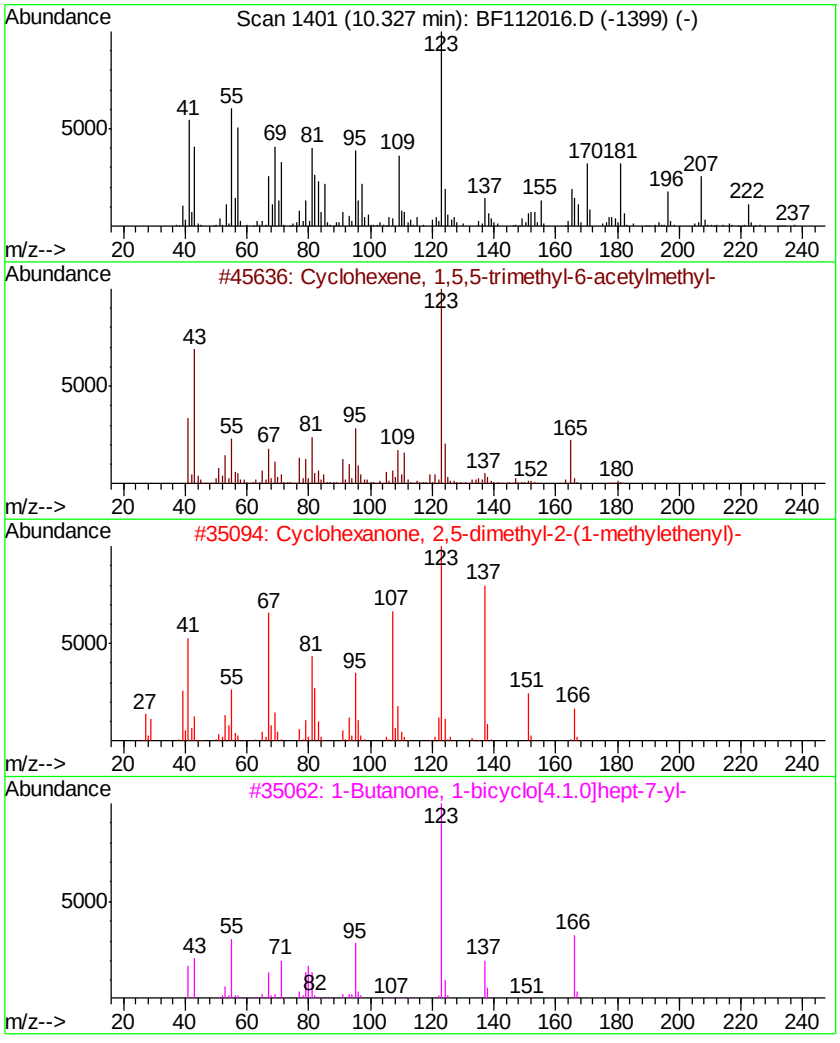
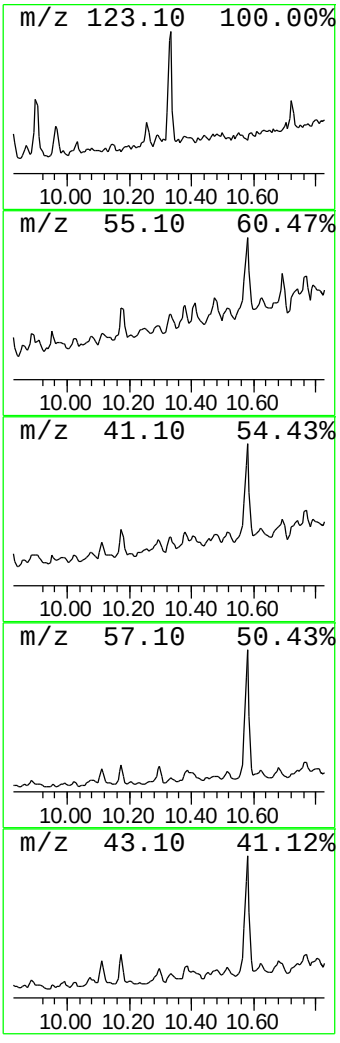
Peak Number 14 unknown10.33 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.55 ng	1044750	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	43
2	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	43
3	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	38
4	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38
5	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	38





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Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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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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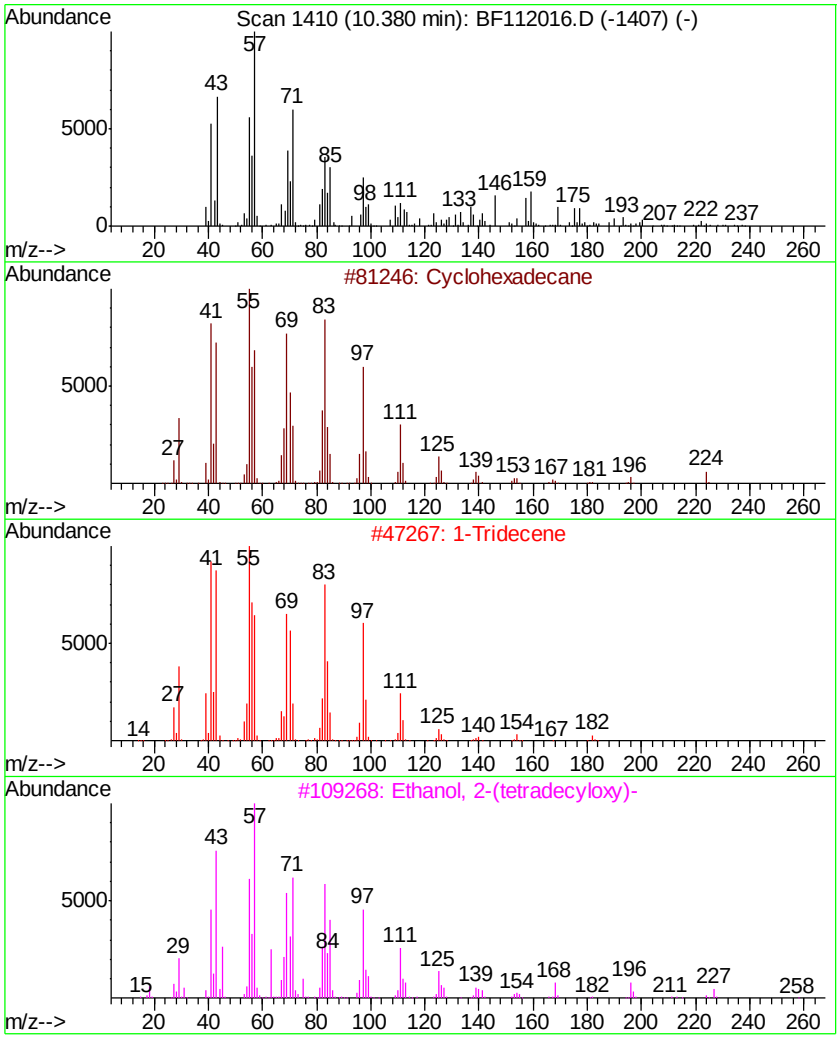
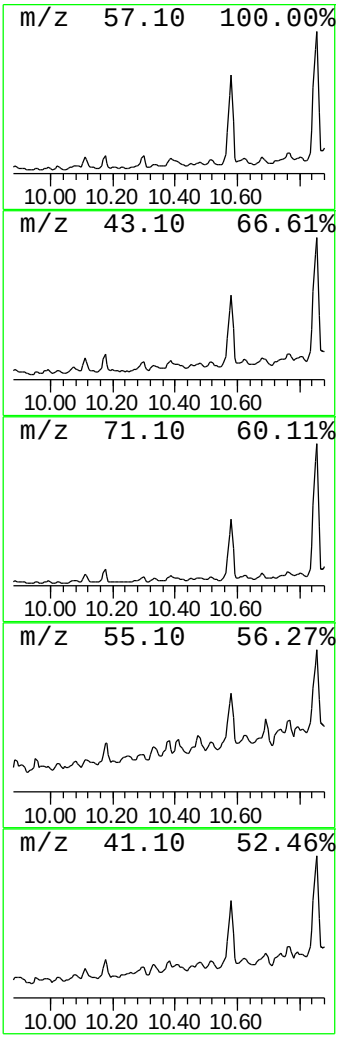
Peak Number 15 unknown10.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.04 ng	637100	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	46
2	1-Tridecene	182	C13H26	002437-56-1	45
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	43
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
5	Decane	142	C10H22	000124-18-5	42





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

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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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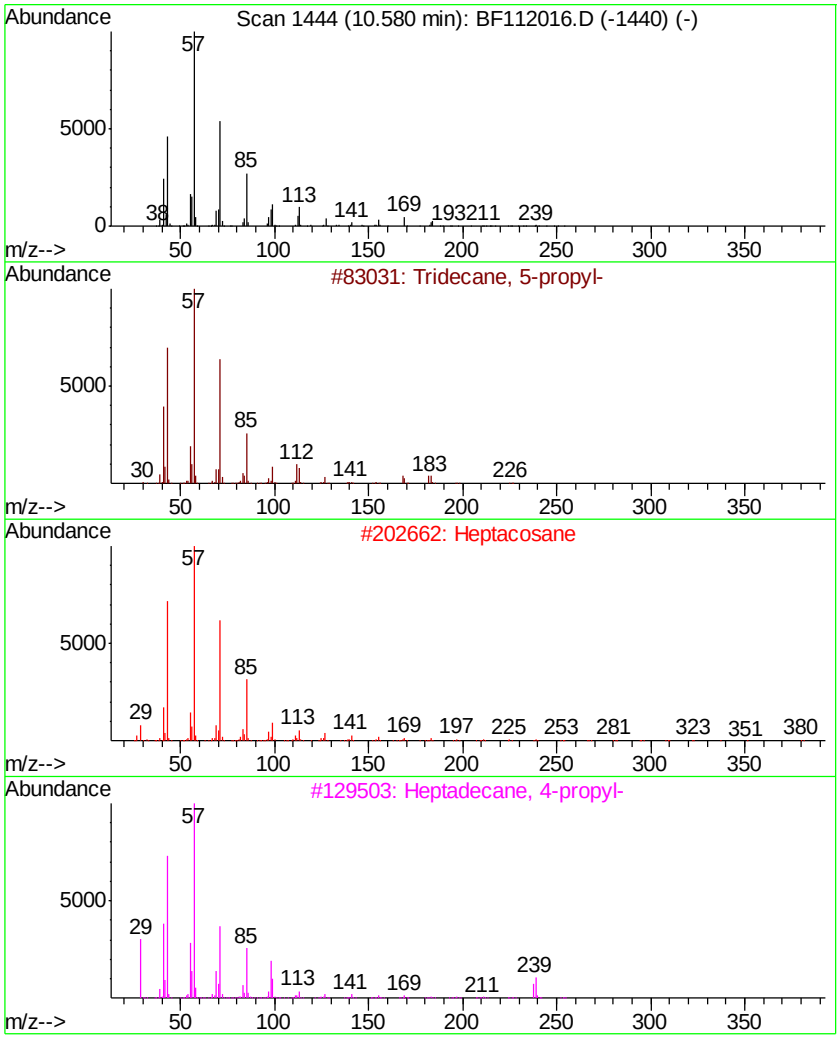
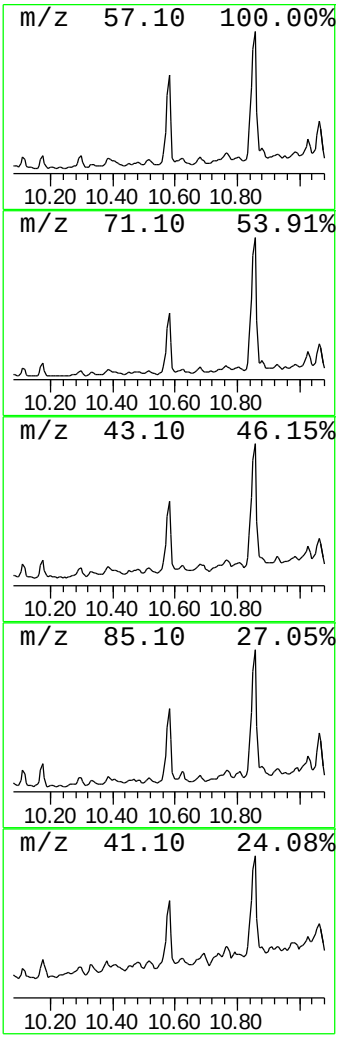
Peak Number 16 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	38.42 ng	3476440	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Heptacosane	380	C27H56	000593-49-7	72
3	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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ALS Vial : 9 Sample Multiplier: 1

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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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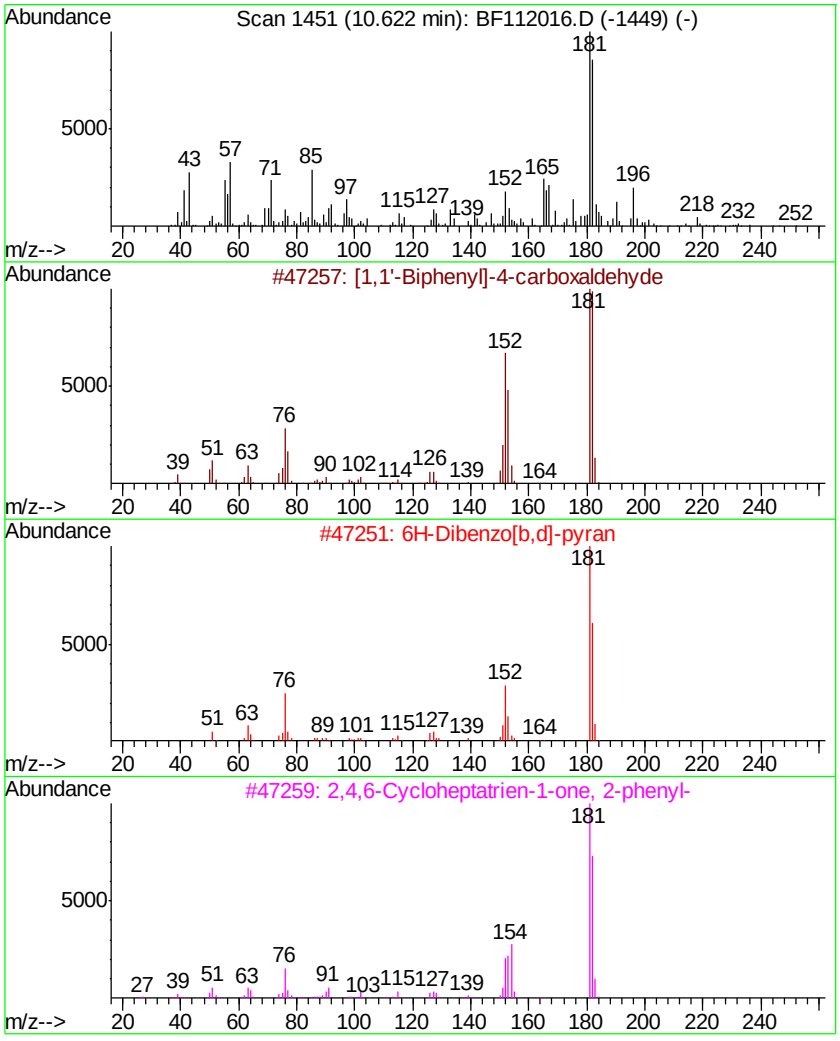
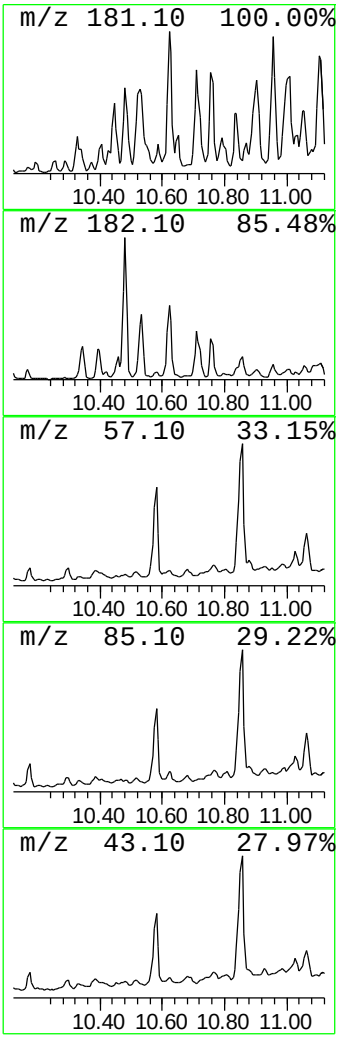
Peak Number 17 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	12.08 ng	1093010	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	53
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	49
4	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	41
5	2-Piperidin-2-ylidene-malonic ac...	213	C10H15NO4	054031-26-4	38





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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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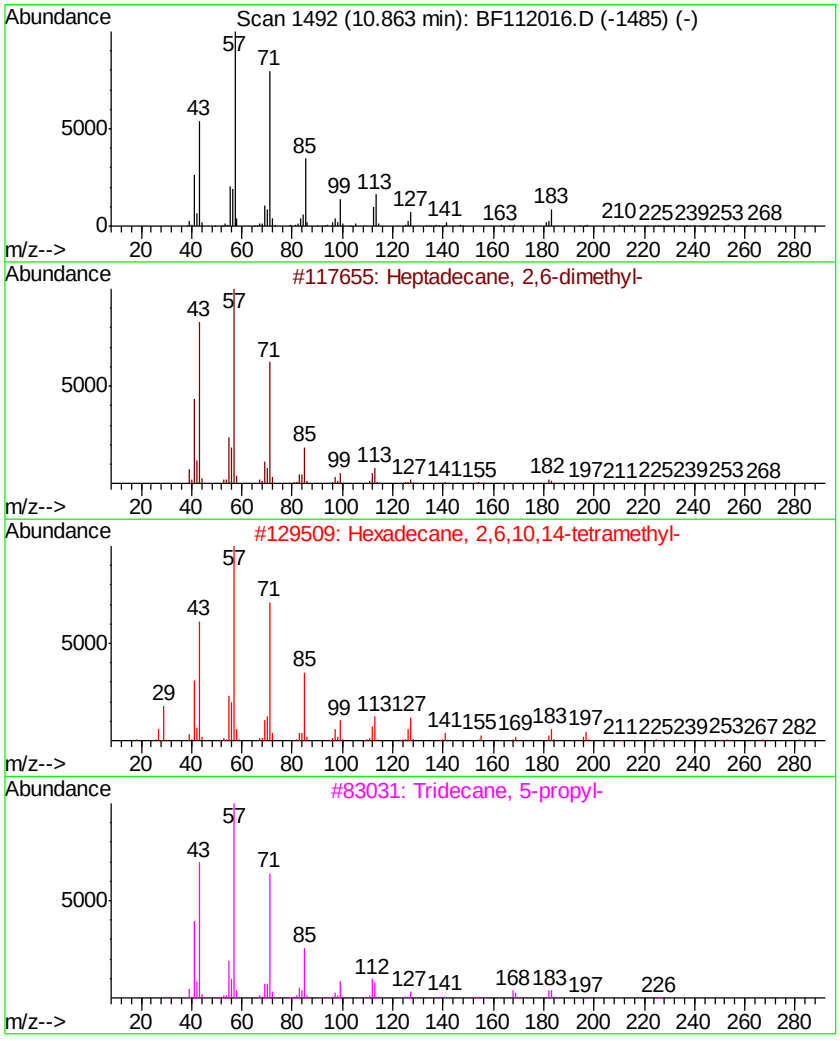
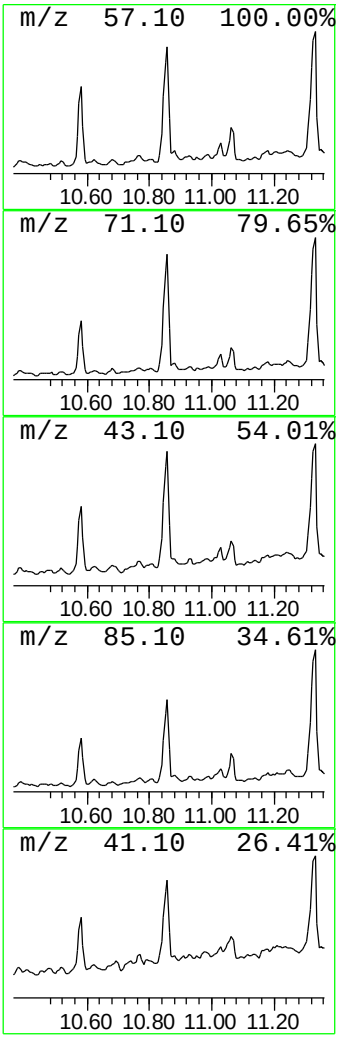
Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	16.96 ng	7452500	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

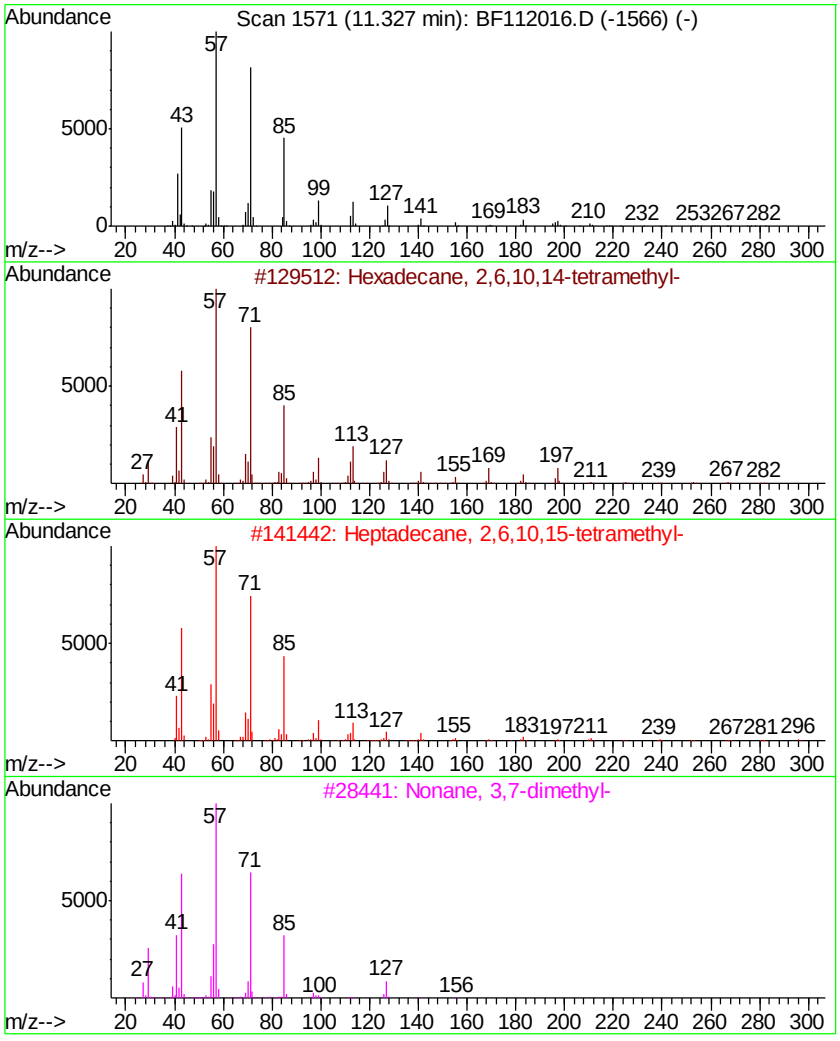
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

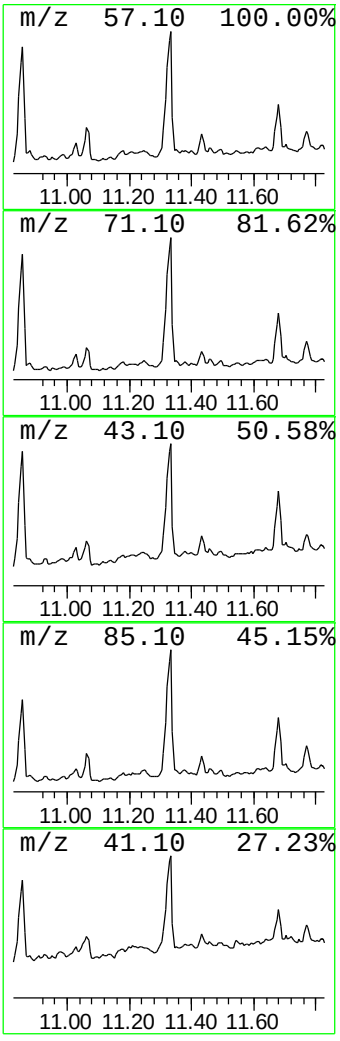
****

Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	20.00 ng	8790920	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

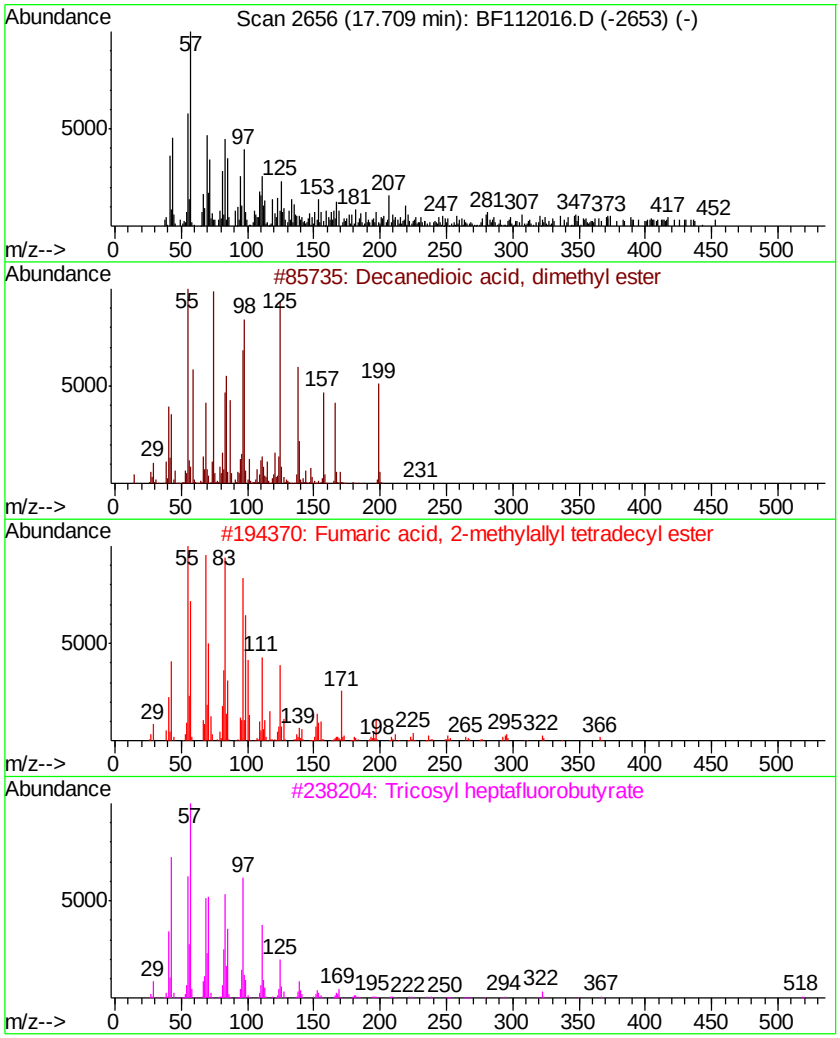
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

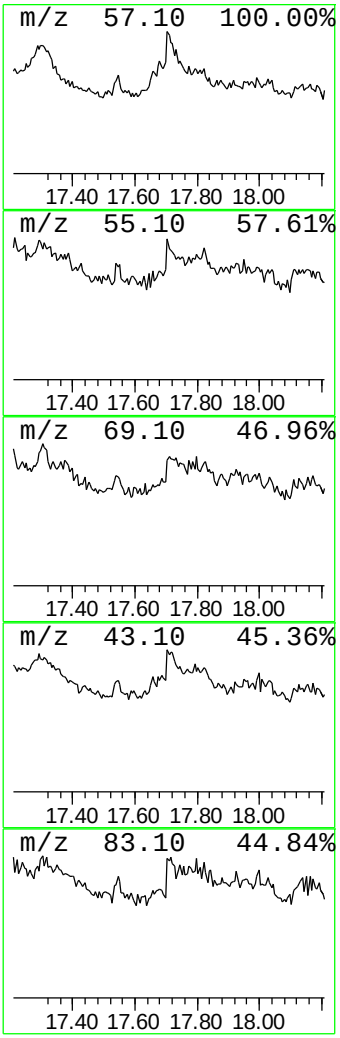
****

Peak Number 20 unknown17.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	20.00 ng	351634	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, dimethyl ester	230	C12H22O4	000106-79-6	49
2	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	49
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	43
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	43
5	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.65	6.65	70.7	ng	2791780	1	6.87	789827	20.0
Undecane, 2,6-dim...	8.22	12.4	ng	511011	2	8.16	824075	20.0
unknown8.45	8.45	5.6	ng	232549	2	8.16	824075	20.0
Sulfurous acid, b...	8.58	9.4	ng	388707	2	8.16	824075	20.0
Tridecane, 6-methyl-	8.85	7.5	ng	310042	2	8.16	824075	20.0
Dodecane, 2,7,10-...	9.18	8.5	ng	766725	3	9.92	1809820	20.0
Silane, trichloro...	9.32	9.1	ng	822251	3	9.92	1809820	20.0
unknown9.79	9.79	6.7	ng	601973	3	9.92	1809820	20.0
Decahydro-4,4,8,9...	9.83	6.7	ng	605877	3	9.92	1809820	20.0
Naphthalene, 2,3,...	10.02	7.3	ng	657805	3	9.92	1809820	20.0
Tetratetracontane	10.17	14.9	ng	1351370	3	9.92	1809820	20.0
Naphthalene, 1,4,...	10.23	9.2	ng	829416	3	9.92	1809820	20.0
unknown10.33	10.33	11.6	ng	1044750	3	9.92	1809820	20.0
unknown10.38	10.38	7.0	ng	637100	3	9.92	1809820	20.0
Tridecane, 5-propyl-	10.58	38.4	ng	3476440	3	9.92	1809820	20.0
[1,1'-Biphenyl]-4...	10.62	12.1	ng	1093010	3	9.92	1809820	20.0
Heptadecane, 2,6-...	10.86	17.0	ng	7452500	4	11.42	8790920	20.0
Hexadecane, 2,6,1...	11.33	20.0	ng	8790920	4	11.42	8790920	20.0
unknown17.71	17.71	20.0	ng	351634	6	15.60	351634	20.0