LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

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-BF072018.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	5.207	484	488	504	rBV	961163	1434315	18.50%	1.845%
2	5.601	551	555	578	rBV	5419244	7753916	100.00%	9.975%
3	6.607	721	726	745	rBV	5701347	7735334	99.76%	9.951%
4	6.748	745	750	762	rVV	6390711	7317451	94.37%	9.413%
5	6.972	785	788	802	rBV	1723759	1795886	23.16%	2.310%
6	7.131	811	815	826	rBV	5651345	5792721	74.71%	7.452%
7	7.537	880	884	898	rBV	4492095	4801429	61.92%	6.177%
8	8.254	1003	1006	1017	rBV	2129528	2173143	28.03%	2.796%
9	8.754	1088	1091	1094	rBV	305807	265946	3.43%	0.342%
10	8.831	1097	1104	1107	rBV	330966	431892	5.57%	0.556%
11	8.919	1116	1119	1124	rVB2	152508	204825	2.64%	0.263%
12	9.178	1158	1163	1167	rBV	395038	665380	8.58%	0.856%
13	9.219	1167	1170	1172	rVV	456546	405013	5.22%	0.521%
14	9.260	1172	1177	1180	rVV3	279690	426172	5.50%	0.548%
15	9.289	1180	1182	1184	rVB2	189643	147402	1.90%	0.190%
16	9.331	1185	1189	1193	rBV	7042371	6727026	86.76%	8.654%
17	9.395	1197	1200	1206	rVV	677337	931325	12.01%	1.198%
18	9.472	1210	1213	1216	rVV2	195829	252037	3.25%	0.324%
19	9.513	1216	1220	1223	rVB2	916339	1014397	13.08%	1.305%
20	9.560	1226	1228	1231	rBV2	237605	227399	2.93%	0.293%
21	9.636	1239	1241	1243	rBV	177452	175508	2.26%	0.226%
22	9.719	1252	1255	1258	rBV2	1591295	1478014	19.06%	1.901%
23	9.748	1258	1260	1262	rVV3	239405	205914	2.66%	0.265%
24	9.772	1262	1264	1267	rVB	330511	244746	3.16%	0.315%
25	9.872	1279	1281	1284	rBV2	810181	729775	9.41%	0.939%
26	9.919	1286	1289	1292	rVB2	1419715	1301599	16.79%	1.674%
27	9.966	1293	1297	1299	rBV2	725936	843046	10.87%	1.085%
28	9.989	1299	1301	1303	rVV	581559	648452	8.36%	0.834%
29	10.013	1303	1305	1308	rVV2	1928571	1829428	23.59%	2.353%
30	10.042	1308	1310	1311	rVV2	302464	274240	3.54%	0.353%
31	10.078	1314	1316	1318	rVB2	367101	294546	3.80%	0.379%
32	10.331	1356	1359	1360	rBV3	555135	556342	7.17%	0.716%
33	10.348	1360	1362	1364	rVB2	400827	375964	4.85%	0.484%
34	10.419	1371	1374	1378	rBV3	1510394	1383509	17.84%	1.780%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.654	1411	1414	1416	rVB	552583	540439	6.97%	0.695%
36	10.813	1437	1441	1449	rBV	2838958	3794320	48.93%	4.881%
37	10.883	1450	1453	1456	rBV2	830332	1251894	16.15%	1.610%
38	10.919	1456	1459	1462	rVV	1476692	1498876	19.33%	1.928%
39	11.060	1481	1483	1486	rVB	1028202	774094	9.98%	0.996%
40	11.148	1496	1498	1503	rVB	877655	727100	9.38%	0.935%
41	11.442	1546	1548	1551	rBV	932486	746662	9.63%	0.961%
42	11.513	1557	1560	1562	rBV	1583666	1476038	19.04%	1.899%
43	11.713	1592	1594	1596	rBV	1071626	827038	10.67%	1.064%
44	11.889	1621	1624	1627	rBV	3054789	2668227	34.41%	3.432%
45	12.313	1694	1696	1703	rBV2	2271020	2585859	33.35%	3.327%

Sum of corrected areas: 77734639

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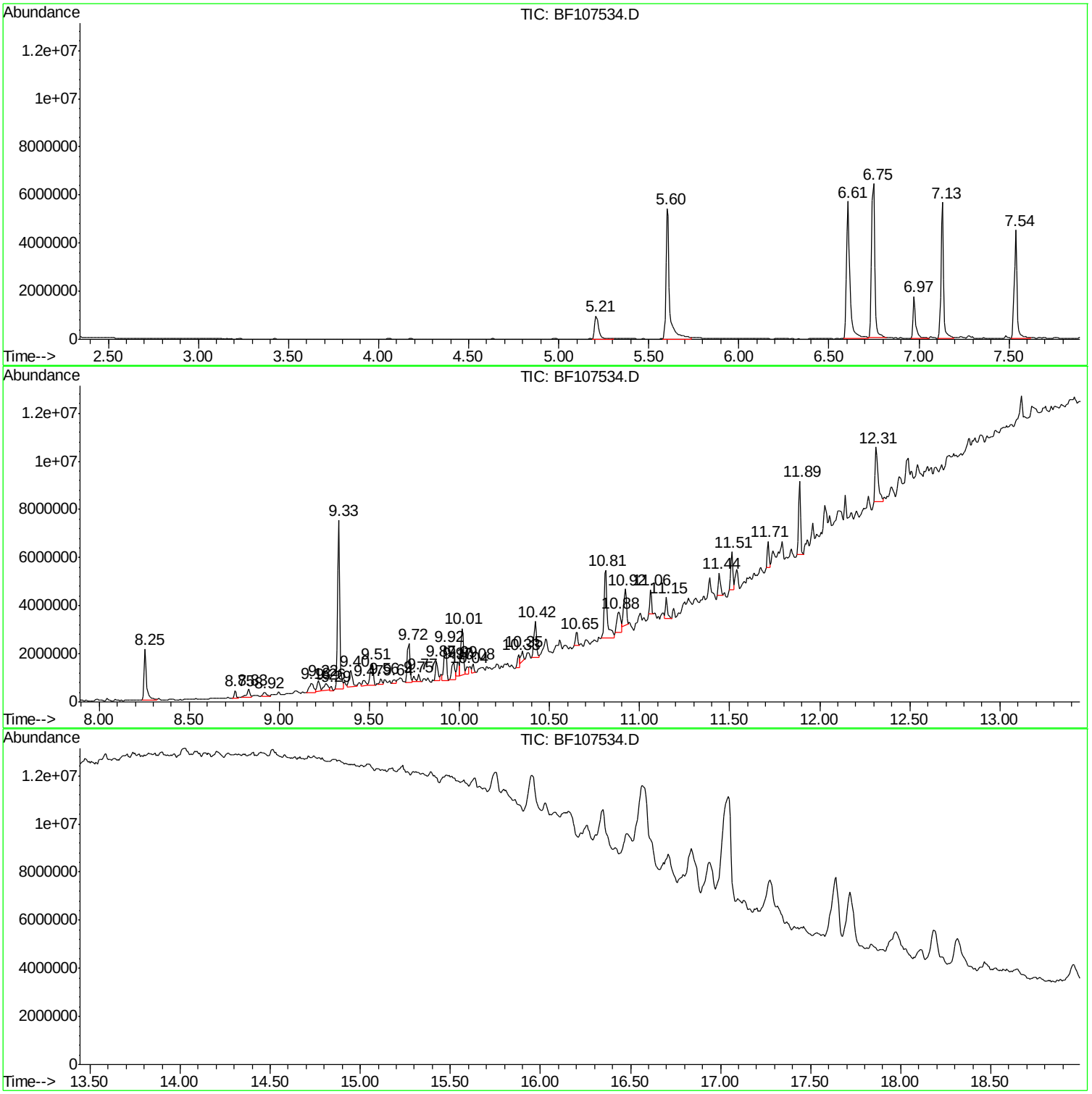
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

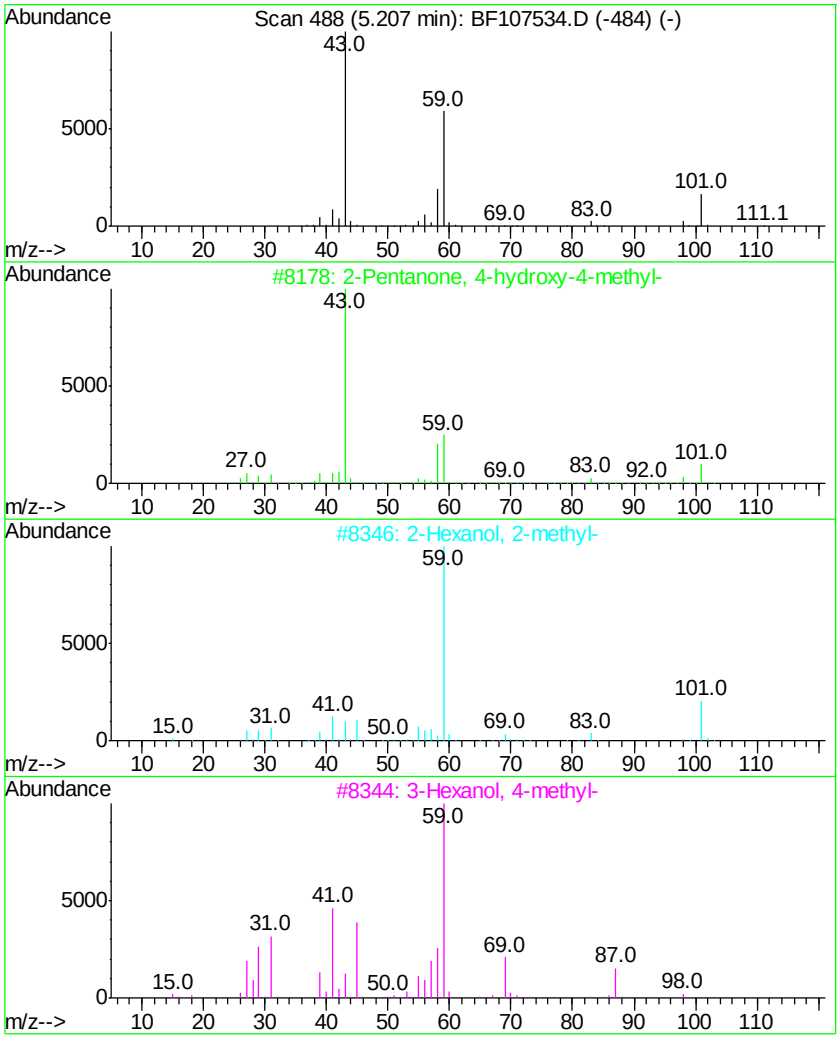
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

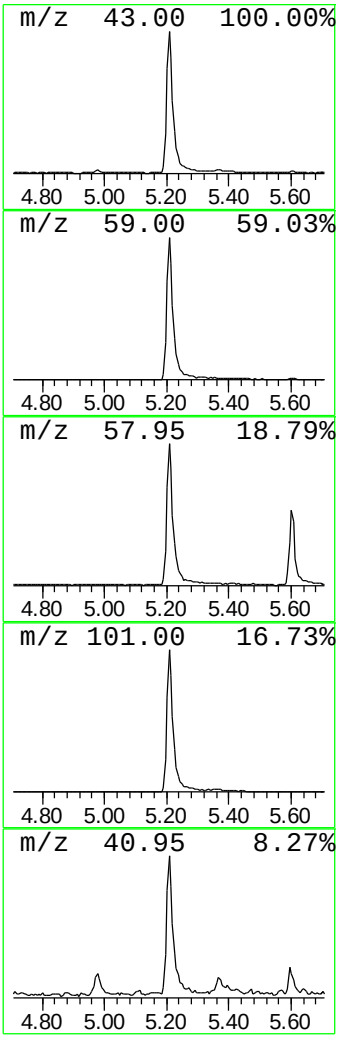
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	15.97 ng	1434320	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

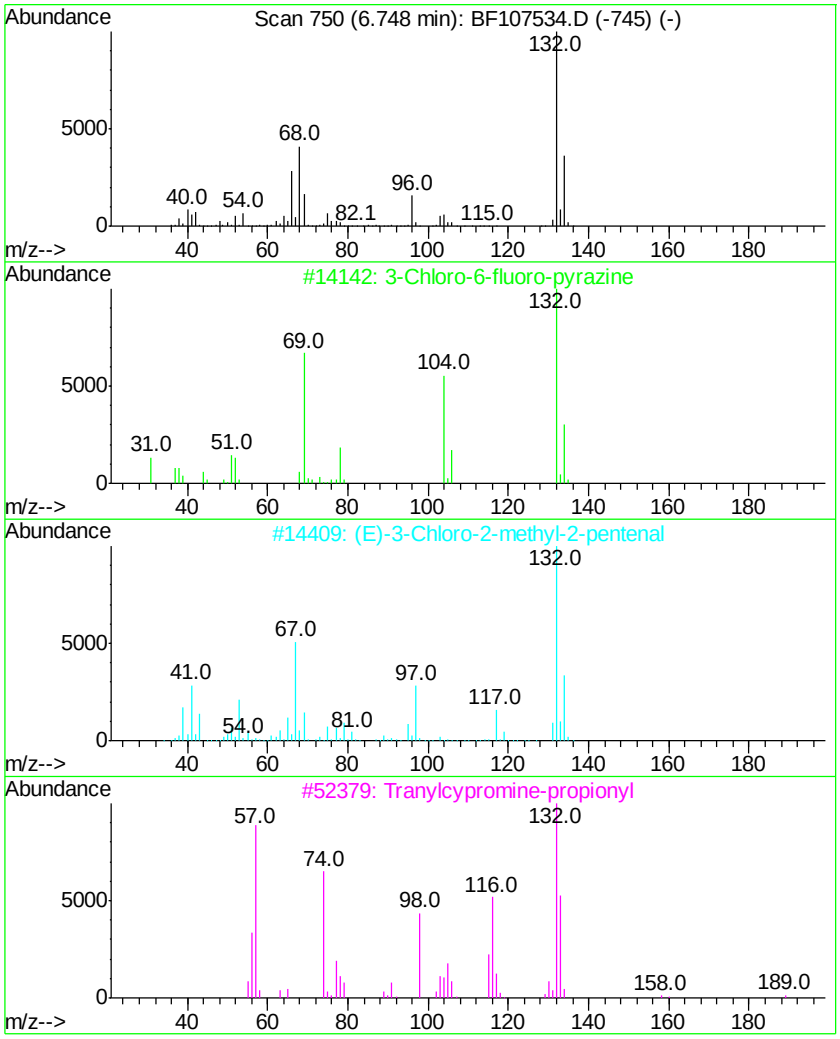
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

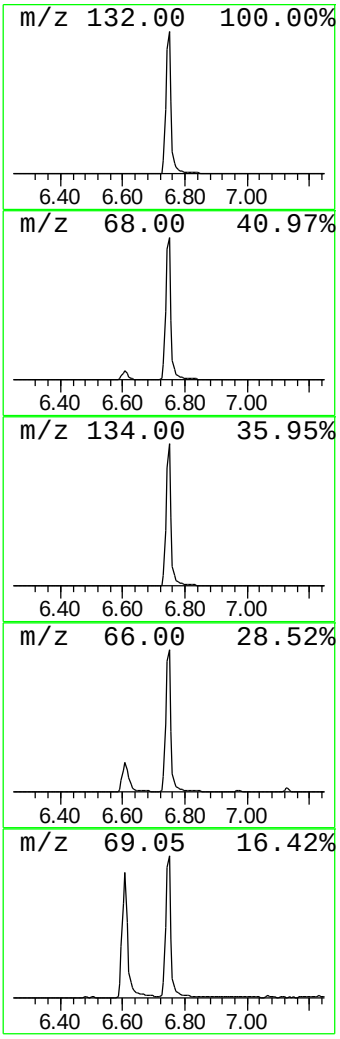
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	81.49 ng	7317450	1,4-Dichlorobenzene-d4	6.97

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	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
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Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

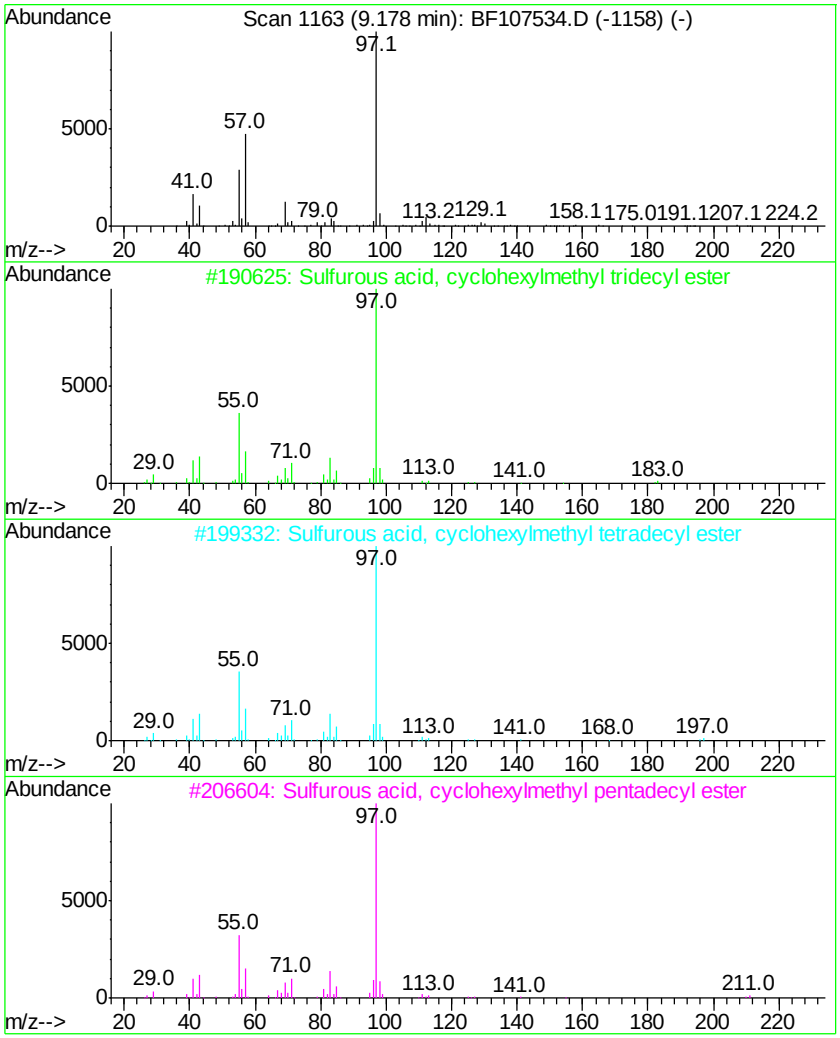
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

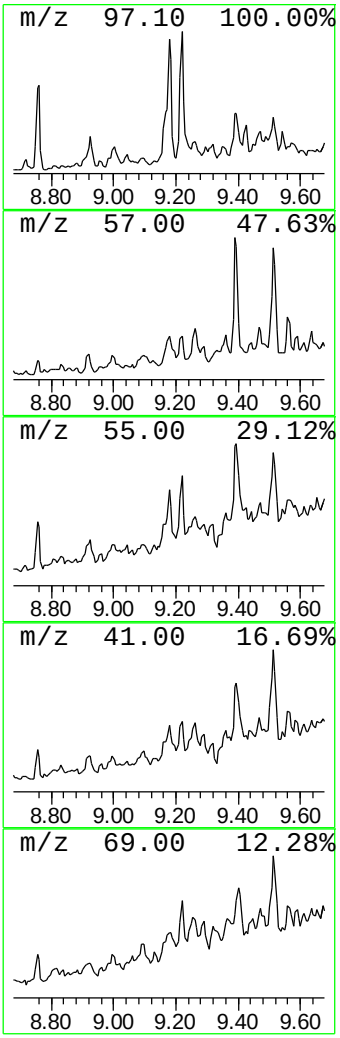
****

Peak Number 4 Sulfurous acid, cyclohexylm... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	7.27 ng	665380	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72
2	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	56
3	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	56
4	Ethanone, 1,2-di-2-furanyl-2-hyd...	192	C10H8O4	000552-86-3	50
5	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

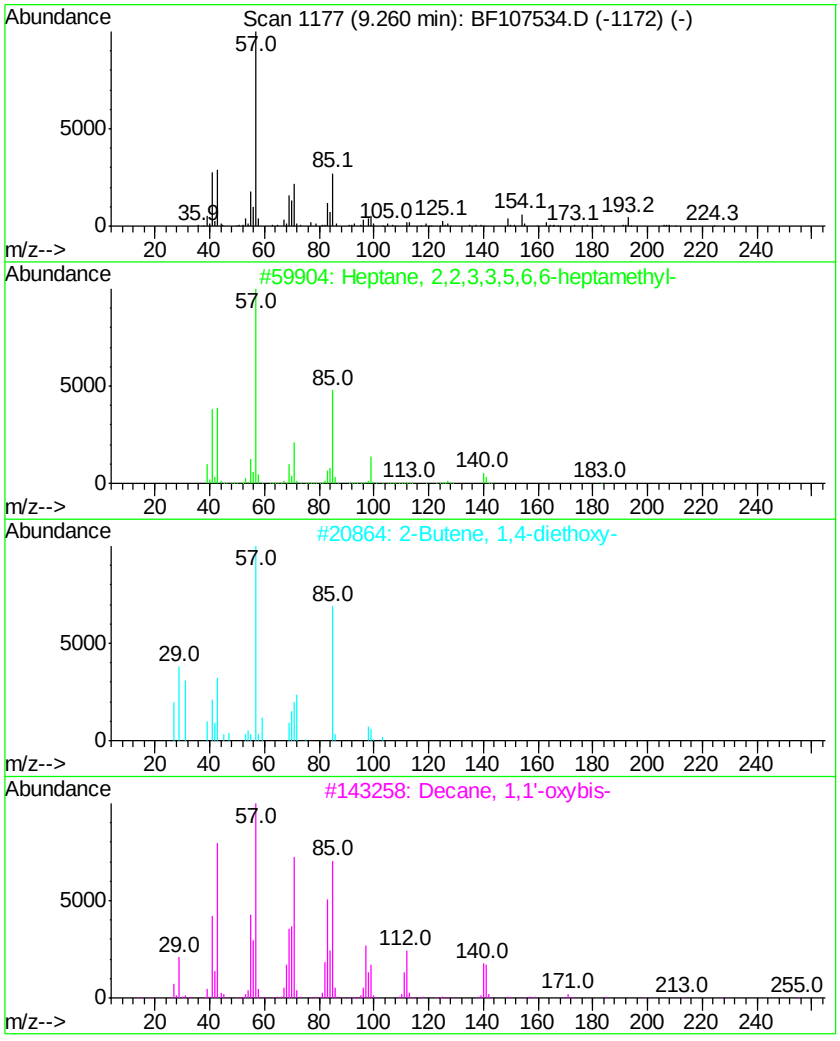
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

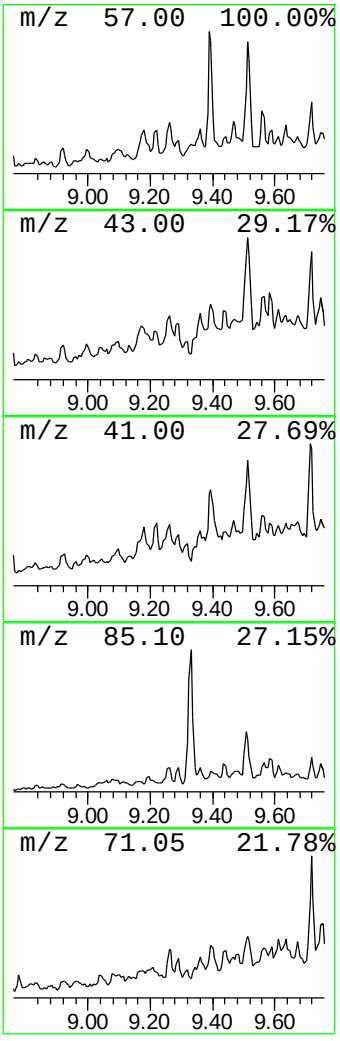
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 2,2,3,3,5,6,6-hept... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	4.66 ng	426172	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	59
2	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	47
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	47
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	47
5	Pentadecane	212	C15H32	000629-62-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

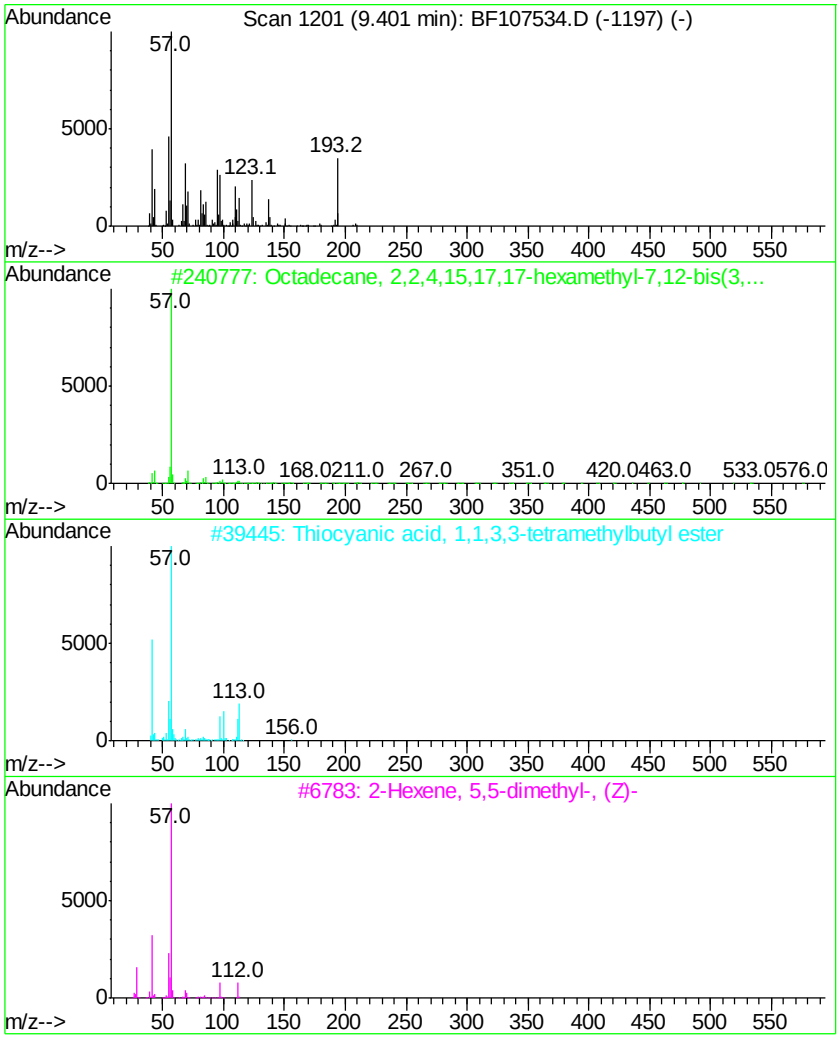
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

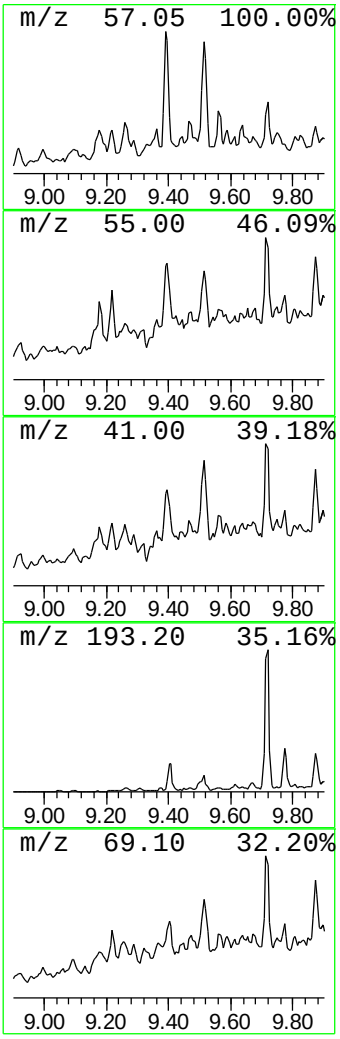
****

Peak Number 6 unknown9.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	10.18 ng	931325	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	37
2	Thiocyanic acid, 1,1,3,3-tetrame...	171	C9H17NS	089601-36-5	33
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	32
4	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	32
5	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	32





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

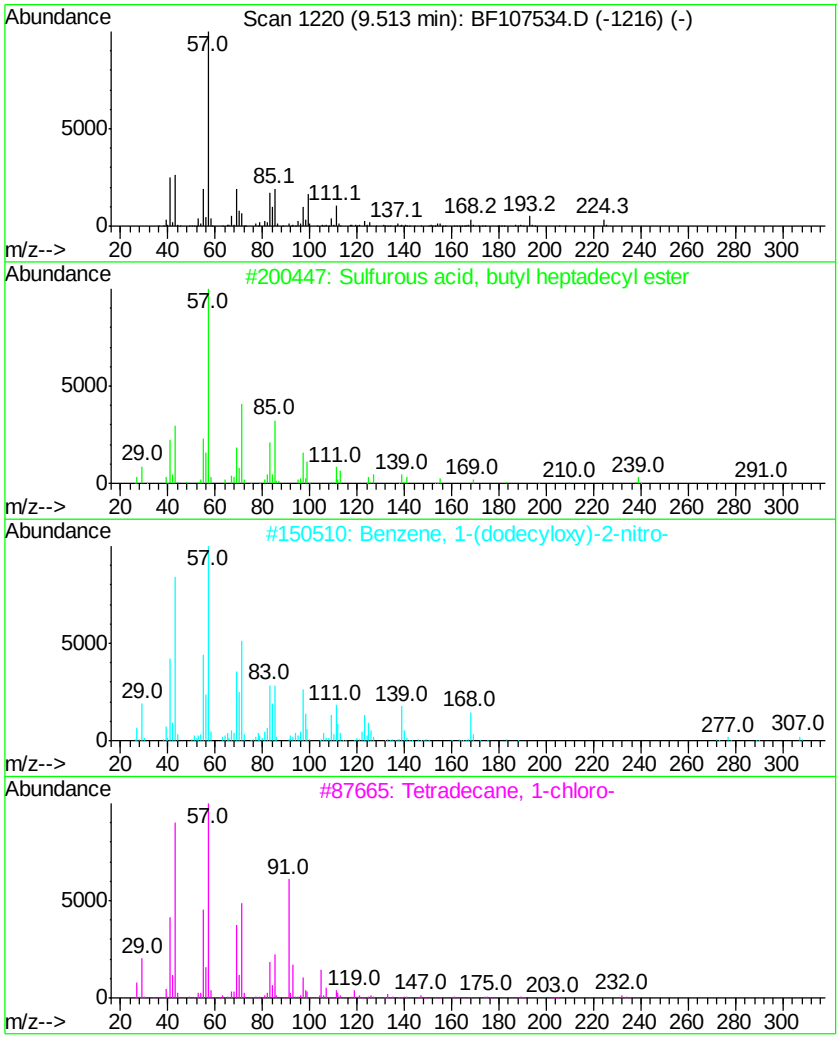
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

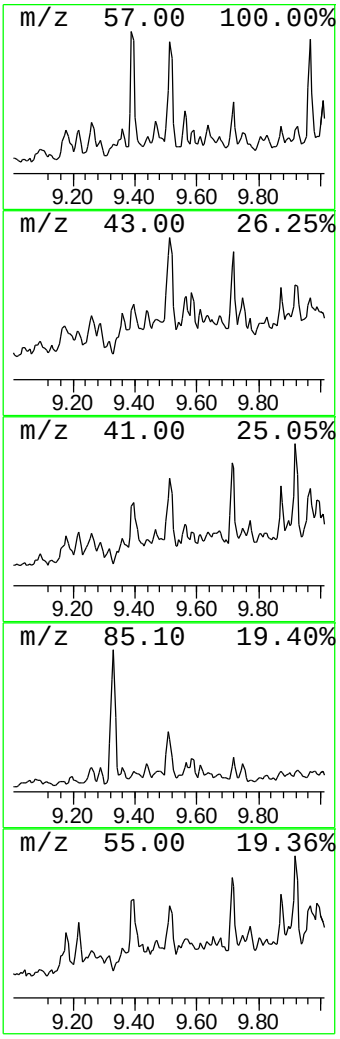
****

Peak Number 7 Sulfurous acid, butyl hepta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	11.09 ng	1014400	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50
2	Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	42
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	42
4	Heptacosane	380	C27H56	000593-49-7	40
5	Hexacosane	366	C26H54	000630-01-3	40





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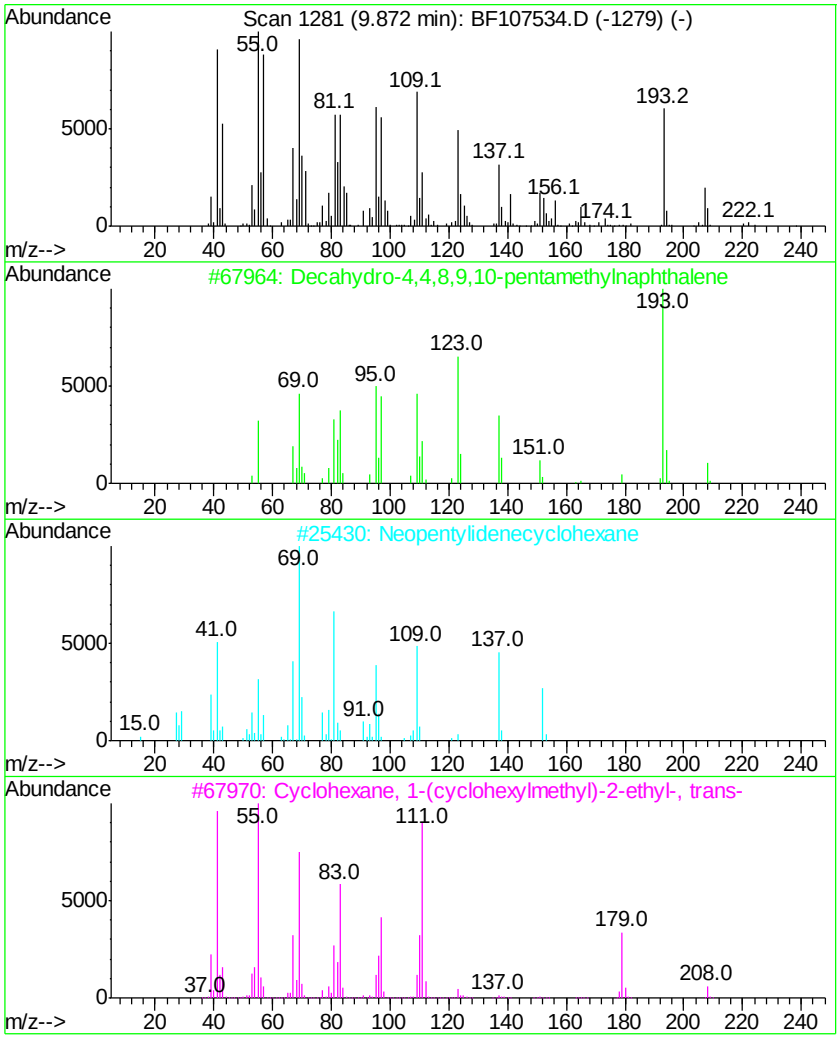
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

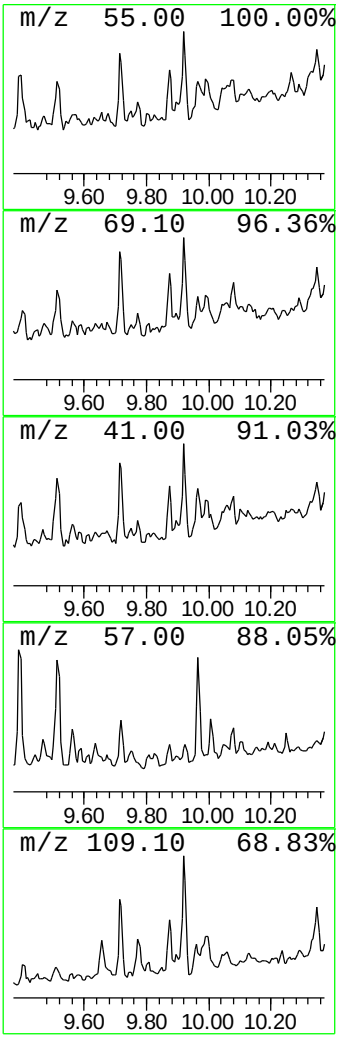
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.98 ng	729775	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	35
5	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	30





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

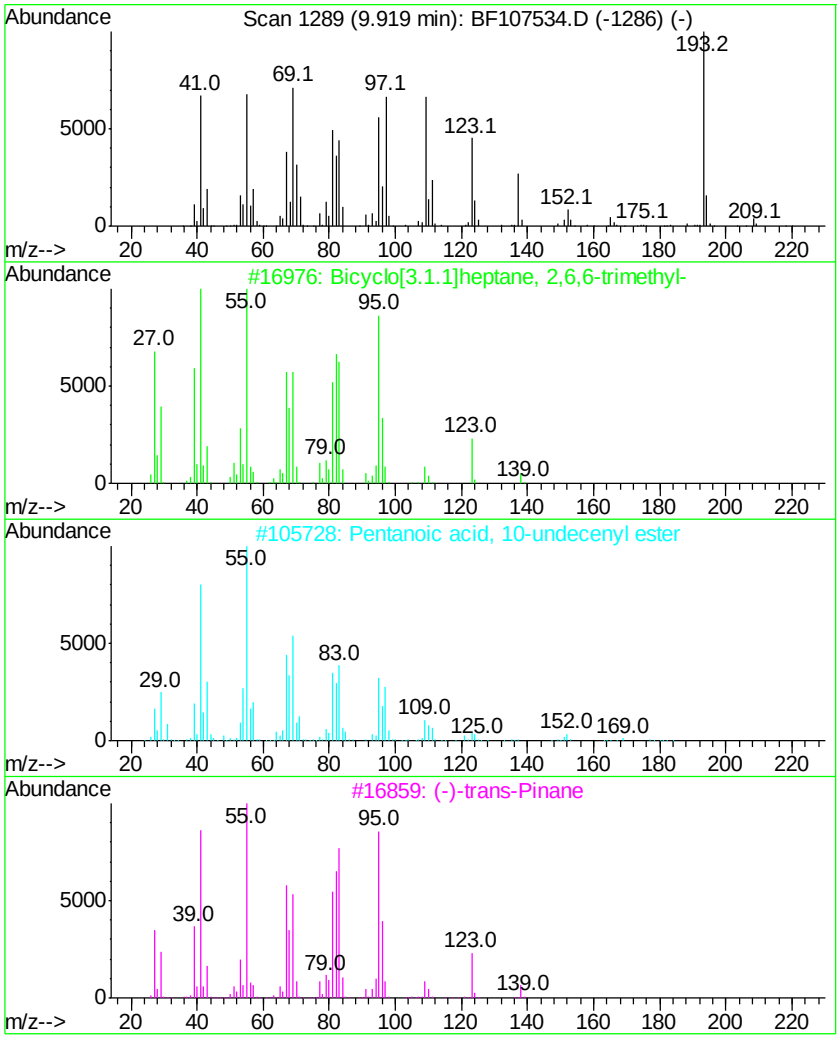
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

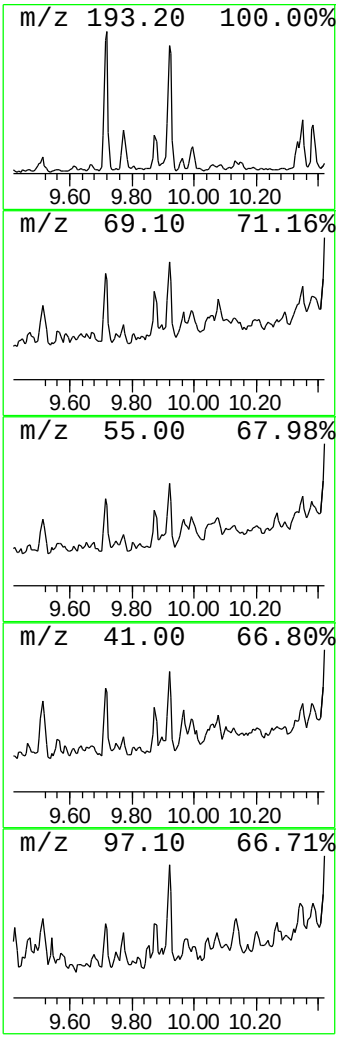
****

Peak Number 9 unknown9.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	14.23 ng	1301600	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	35
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	22
3	(-)-trans-Pinane	138	C10H18	033626-25-4	20
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	18
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18





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Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

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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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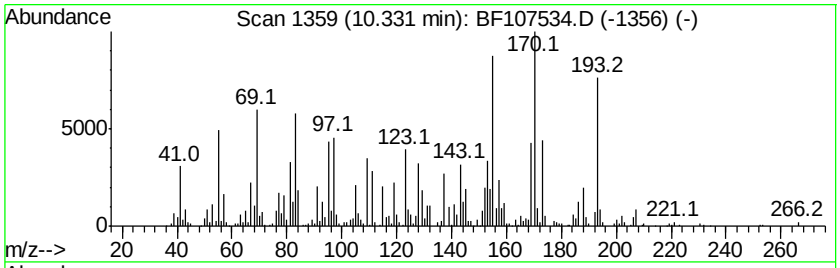
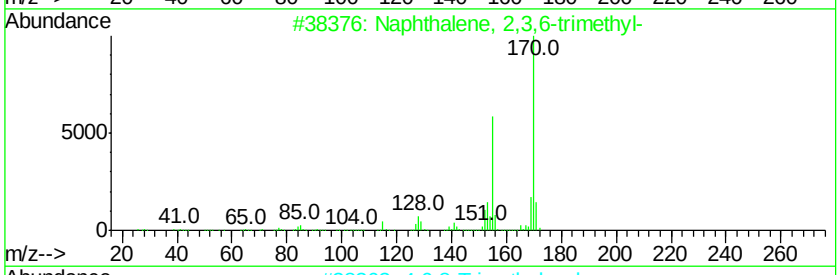
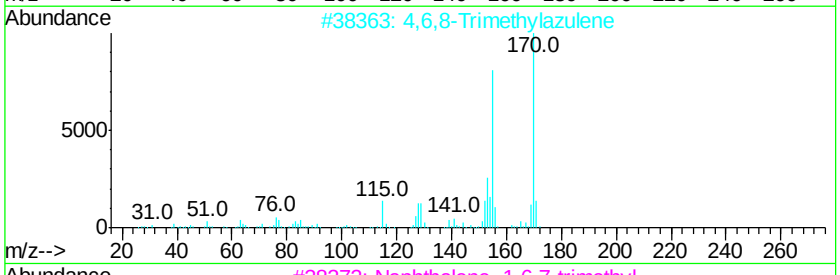
Peak Number 10 unknown10.33 Concentration Rank 18

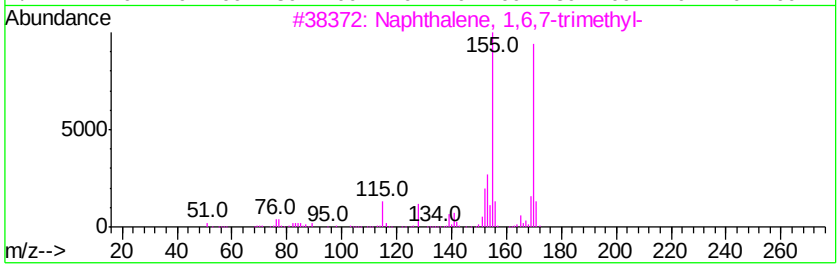
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	6.08 ng	556342	Acenaphthene-d10	10.01

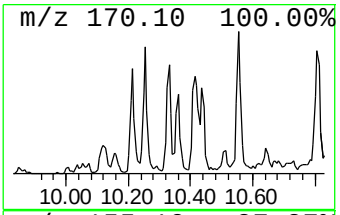
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	47
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	25
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	25
5	2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170	C6H6N2O4	058713-02-3	22

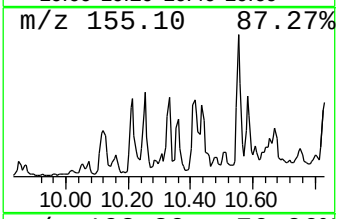


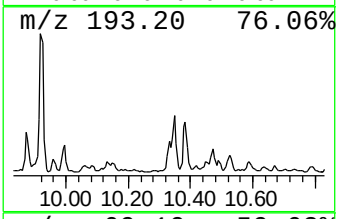


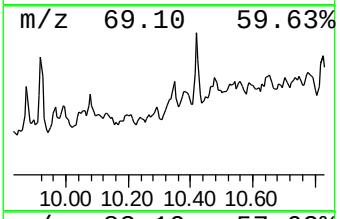


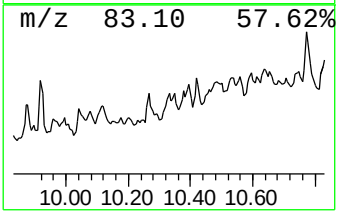












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Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

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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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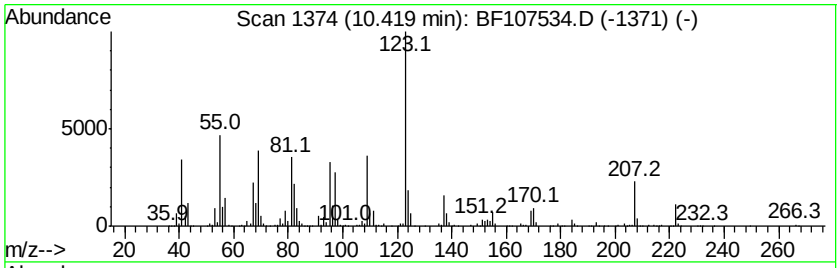
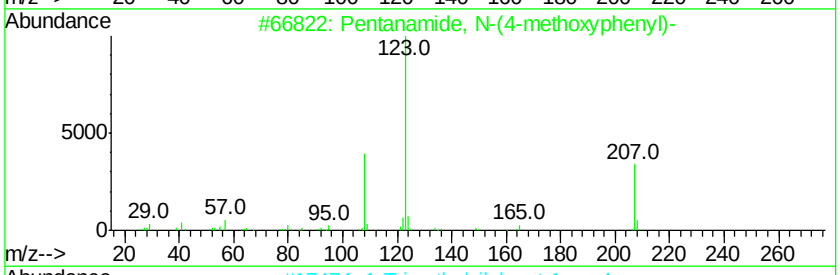
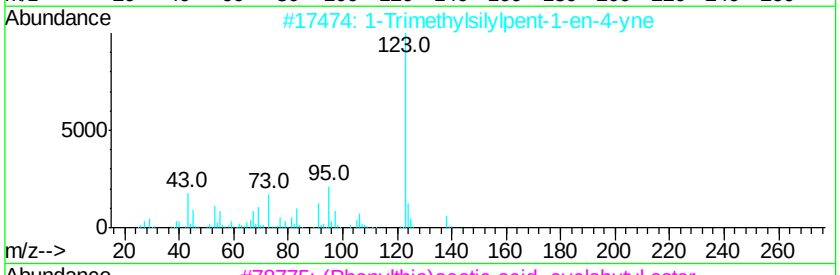
Peak Number 11 unknown10.42 Concentration Rank 8

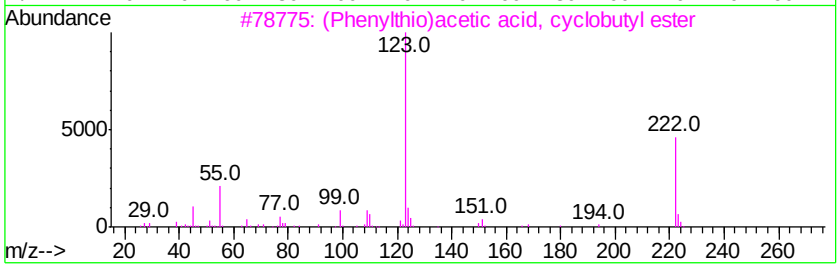
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	15.13 ng	1383510	Acenaphthene-d10	10.01

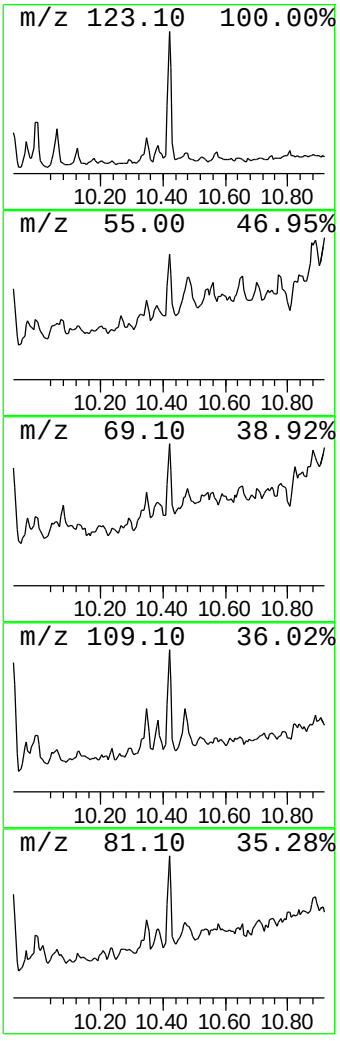
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	46
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	46
3	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	43
4	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	43
5	Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	38











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

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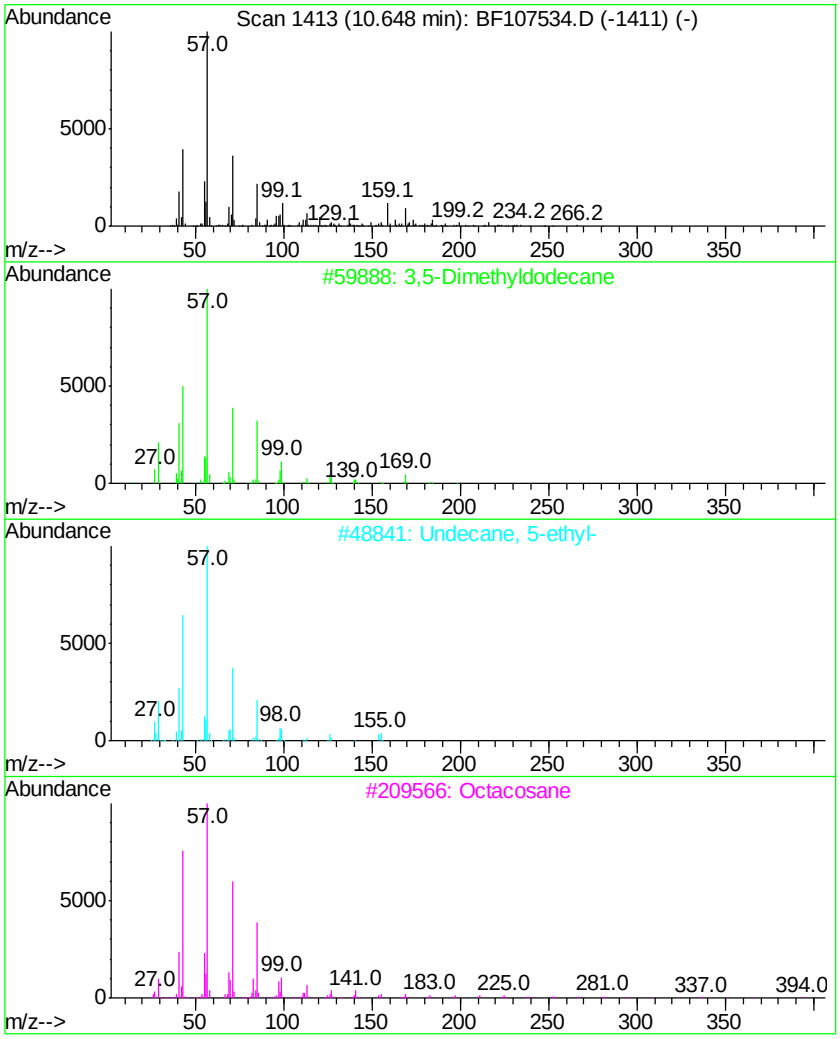
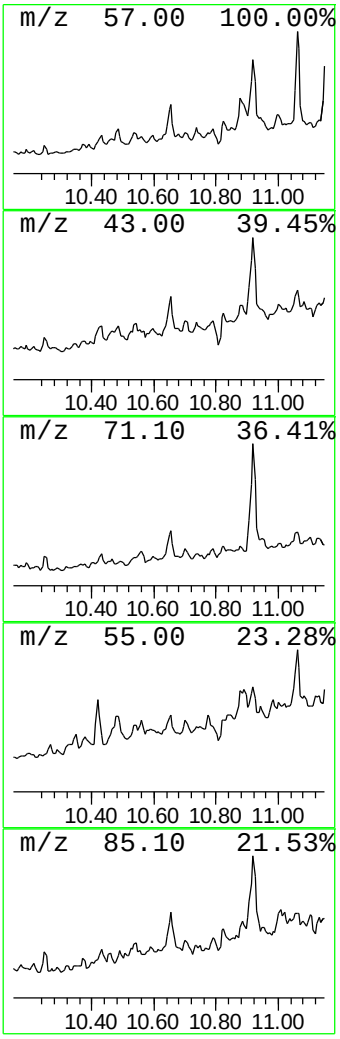
Peak Number 12 3,5-Dimethyldodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	5.91 ng	540439	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3	Octacosane	394	C28H58	000630-02-4	52
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49





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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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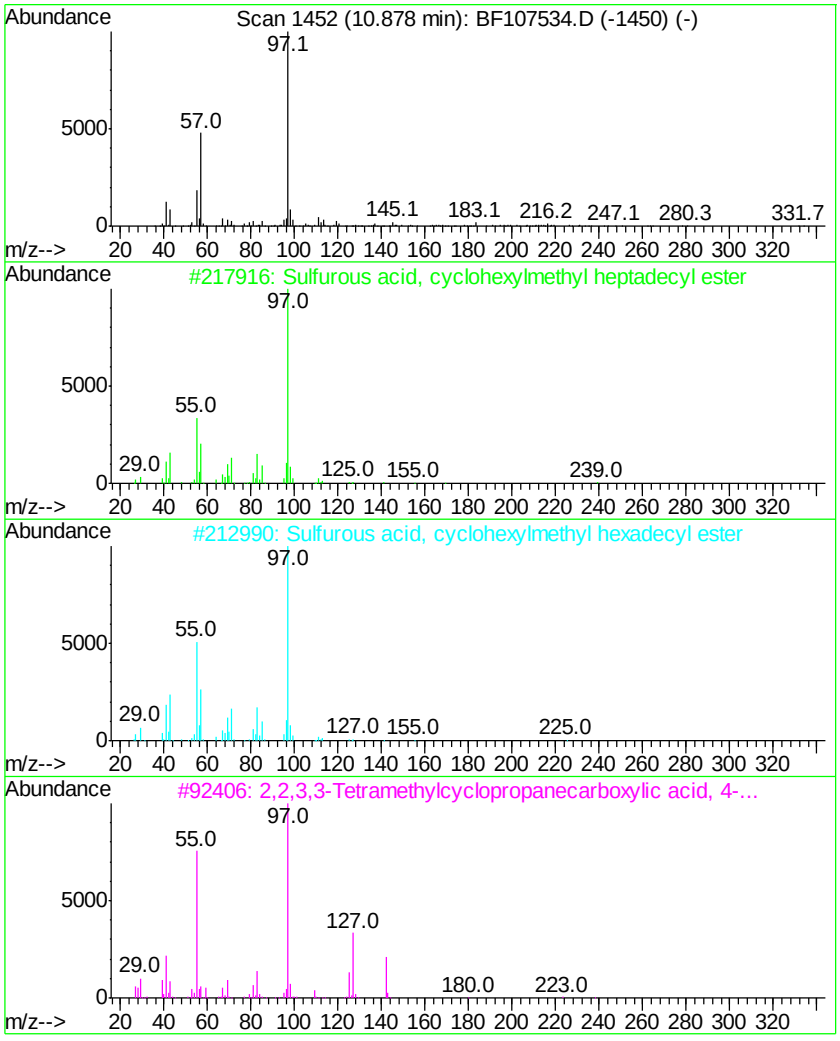
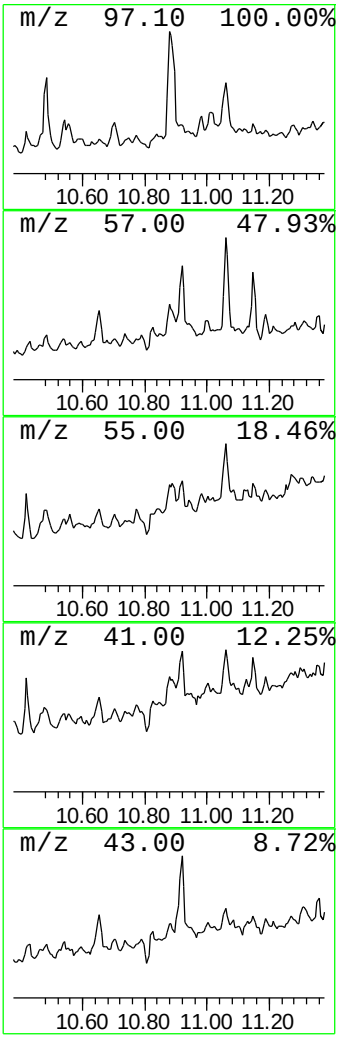
Peak Number 13 Sulfurous acid, cyclohexylm... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.96 ng	1251890	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	78
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
3	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	64
4	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	58
5	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	56





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

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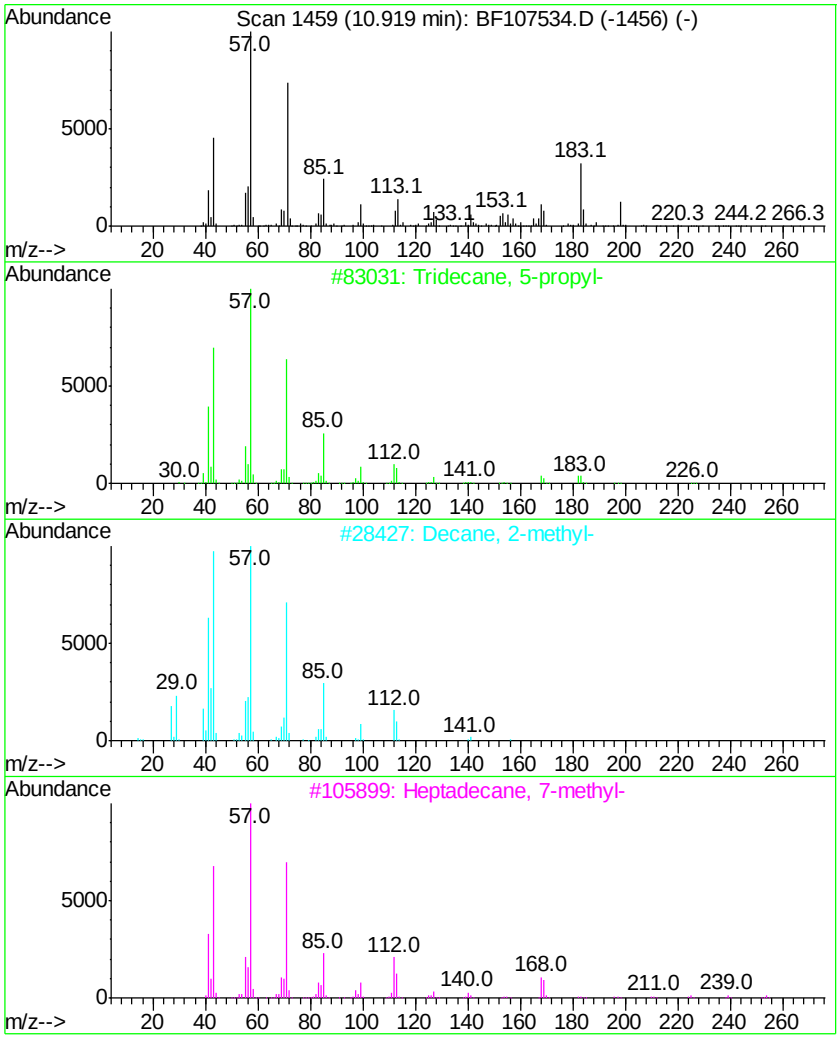
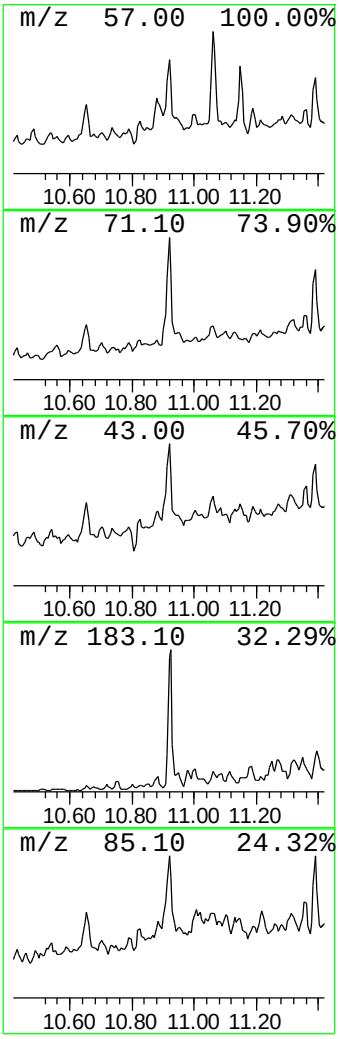
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	20.31 ng	1498880	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Tetradecane	198	C14H30	000629-59-4	53





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TIC Integration Parameters: LSCINT.P

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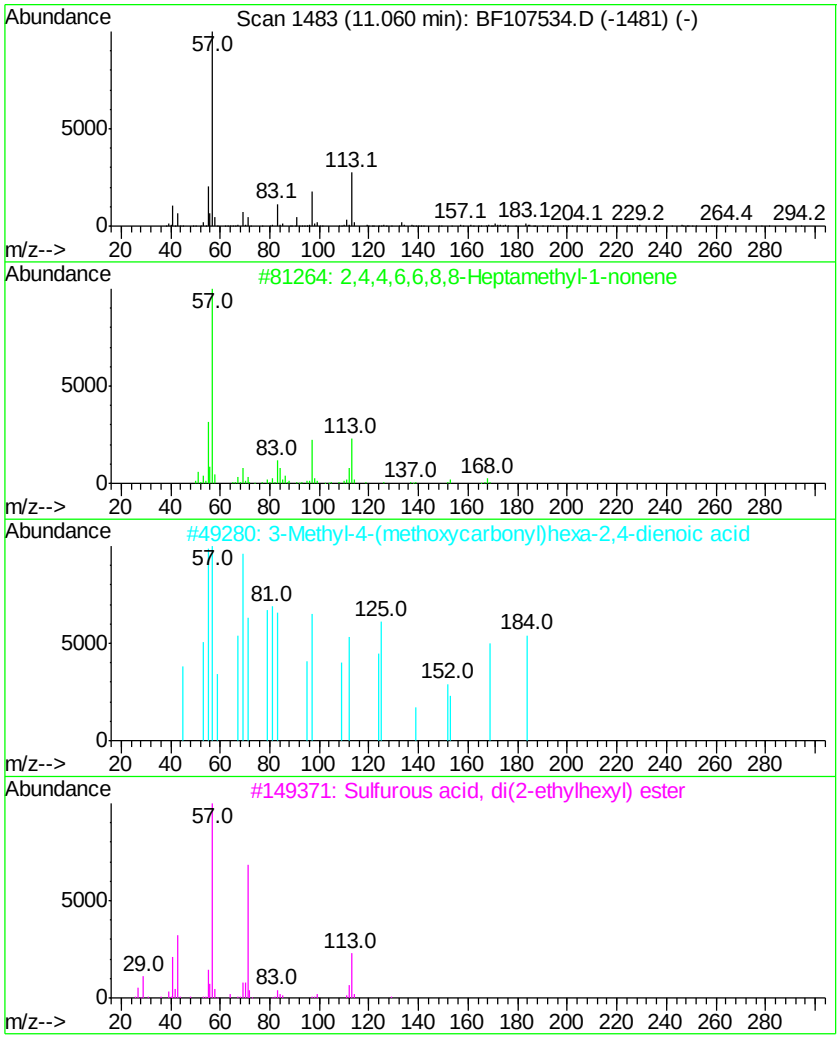
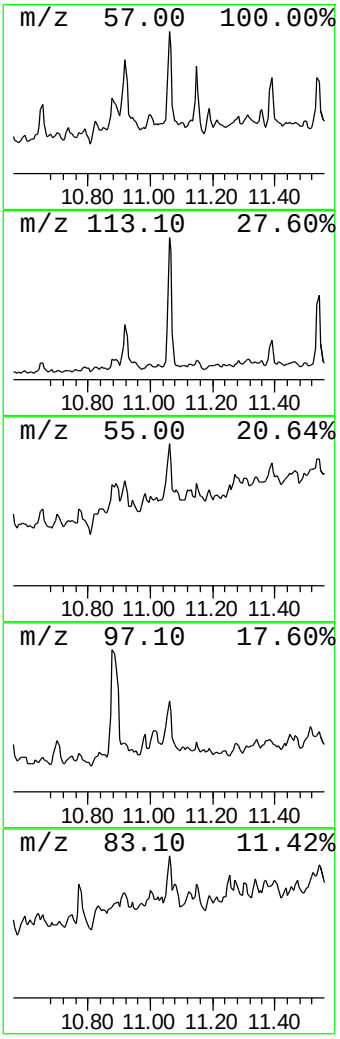
Peak Number 15 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	10.49 ng	774094	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	38
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
4	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	27
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	17





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

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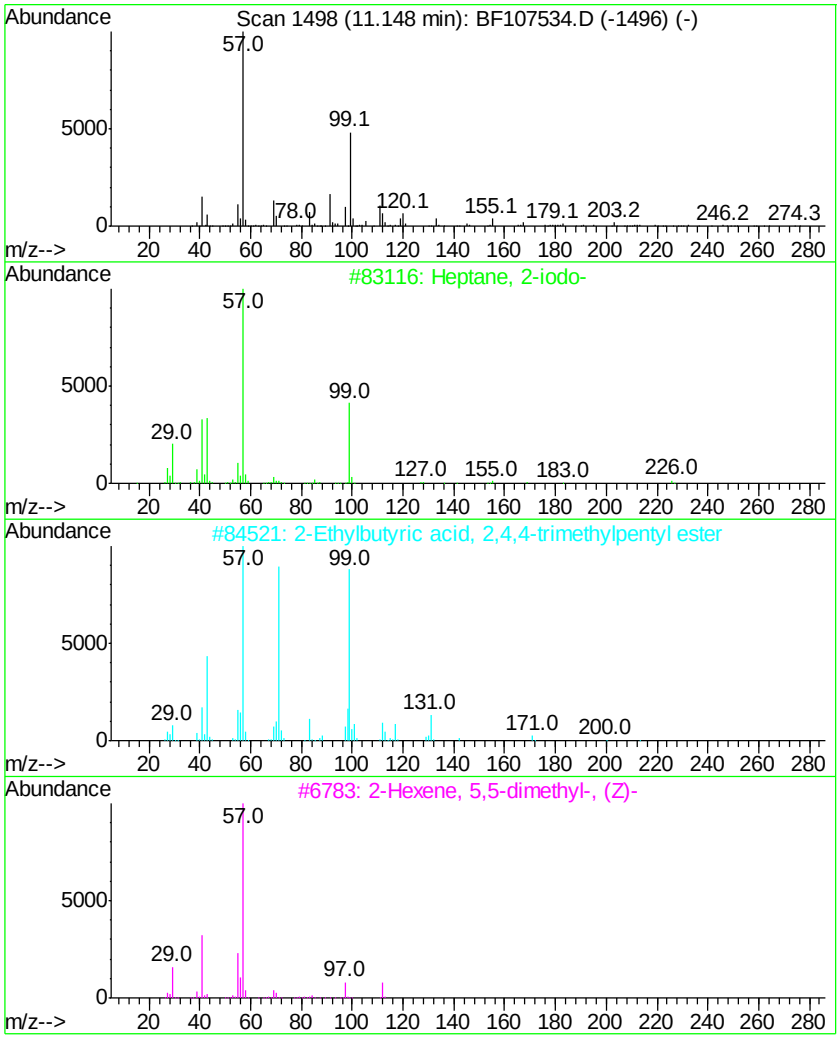
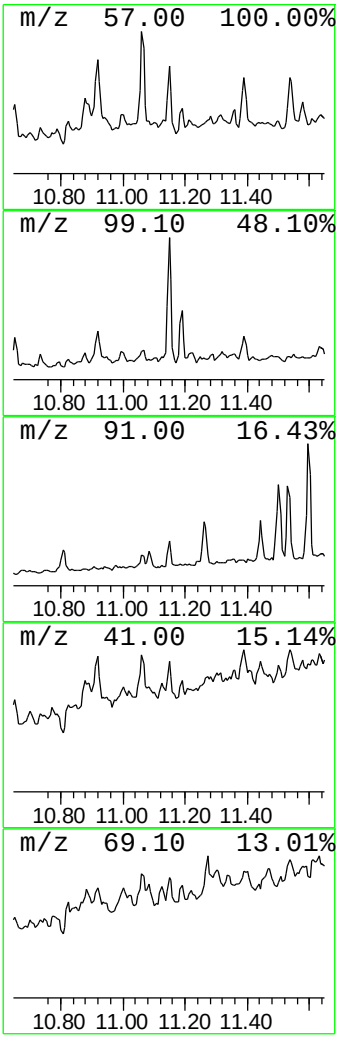
Peak Number 16 unknown11.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	9.85 ng	727100	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-iodo-	226	C7H15I	018589-29-2	47
2	2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	25
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	18
4	Butanoic acid, 2-methyl-, octyl ...	214	C13H26O2	029811-50-5	10
5	1-Heptacosanol	396	C27H56O	002004-39-9	10





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TIC Library : C:\DATABASE\NIST11.L
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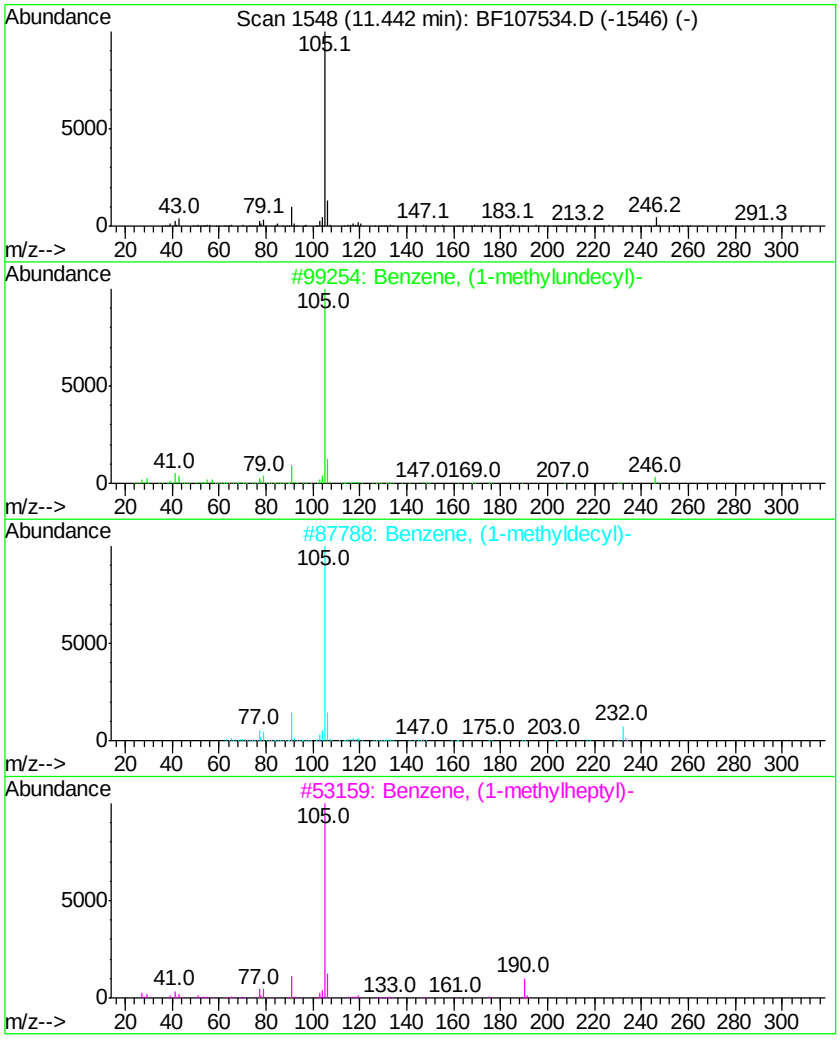
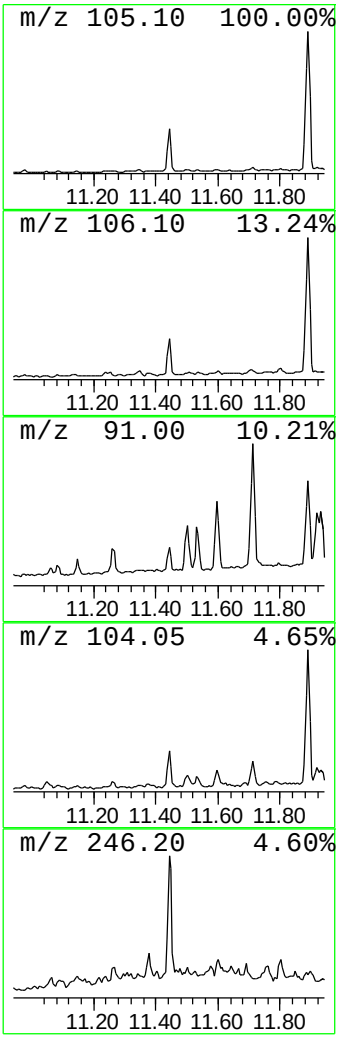
Peak Number 17 Benzene, (1-methylundecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	10.12 ng	746662	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	87
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
3	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	59
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	53
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	53





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

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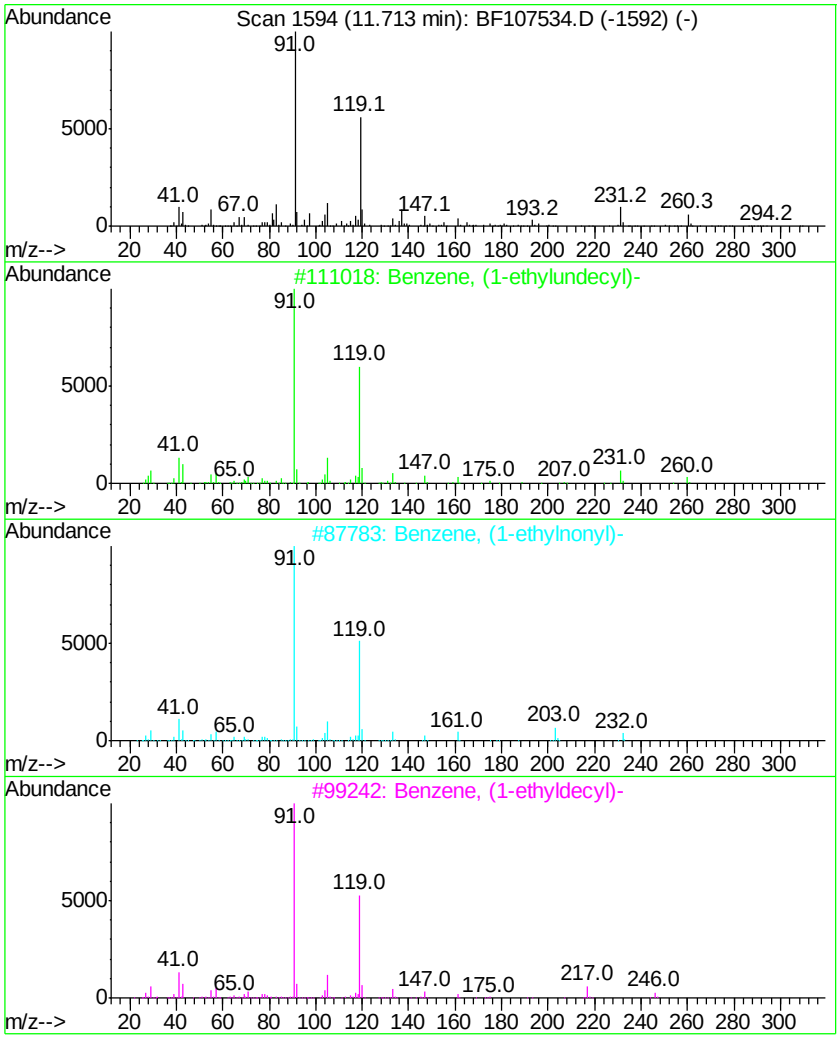
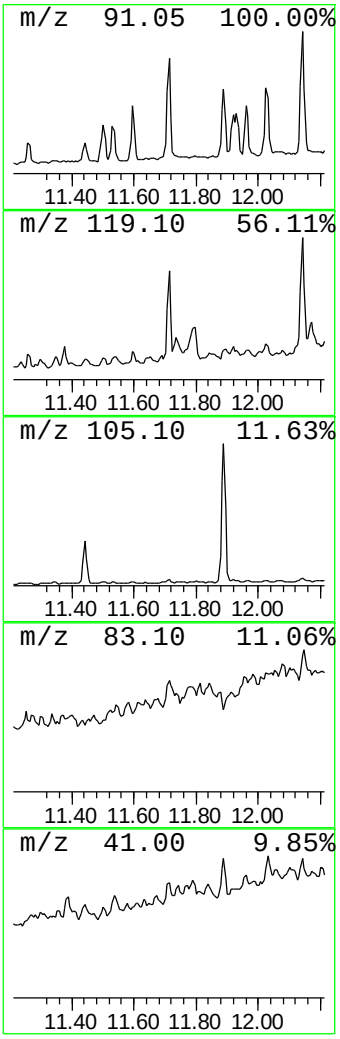
Peak Number 18 Benzene, (1-ethylundecyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	11.21 ng	827038	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	93
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	53
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	53
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	47





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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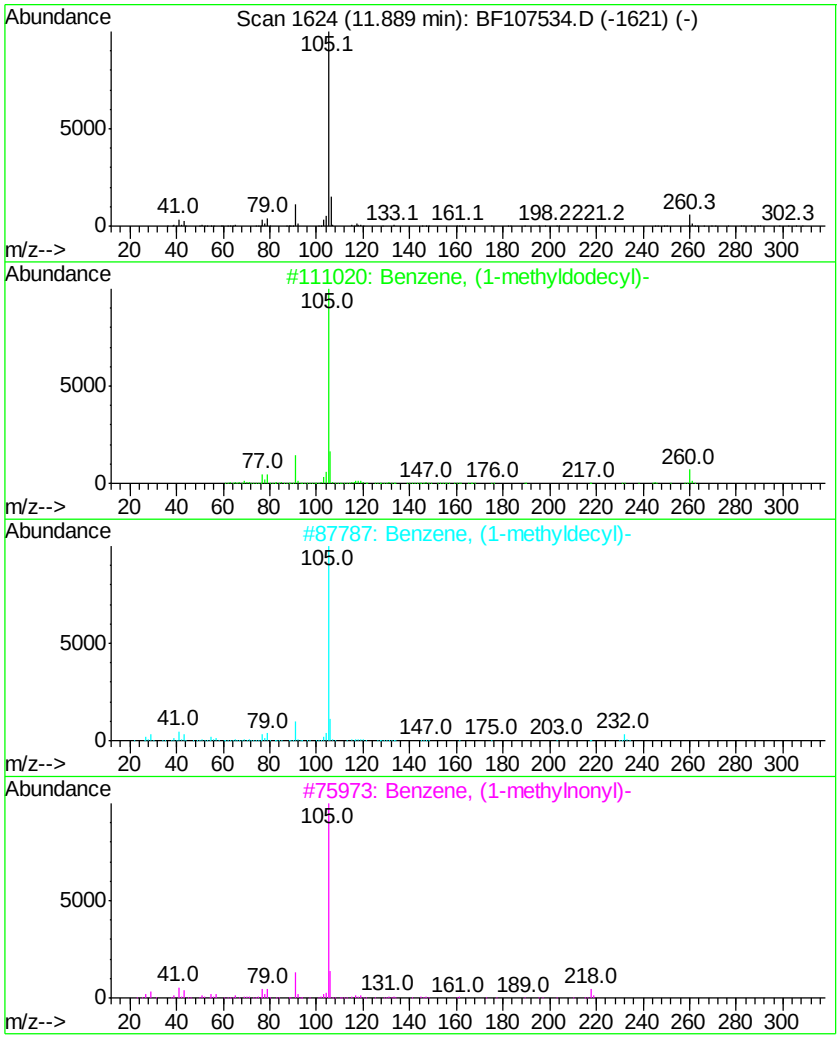
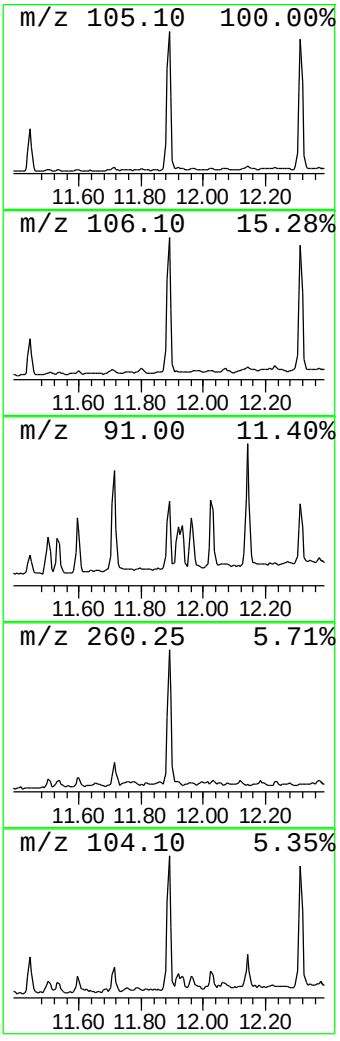
Peak Number 19 Benzene, (1-methyldodecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	36.15 ng	2668230	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	81
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
5	3-Benzoyl-4-benzyl-2-t-butyl-4-m...	351	C22H25NO3	1000193-73-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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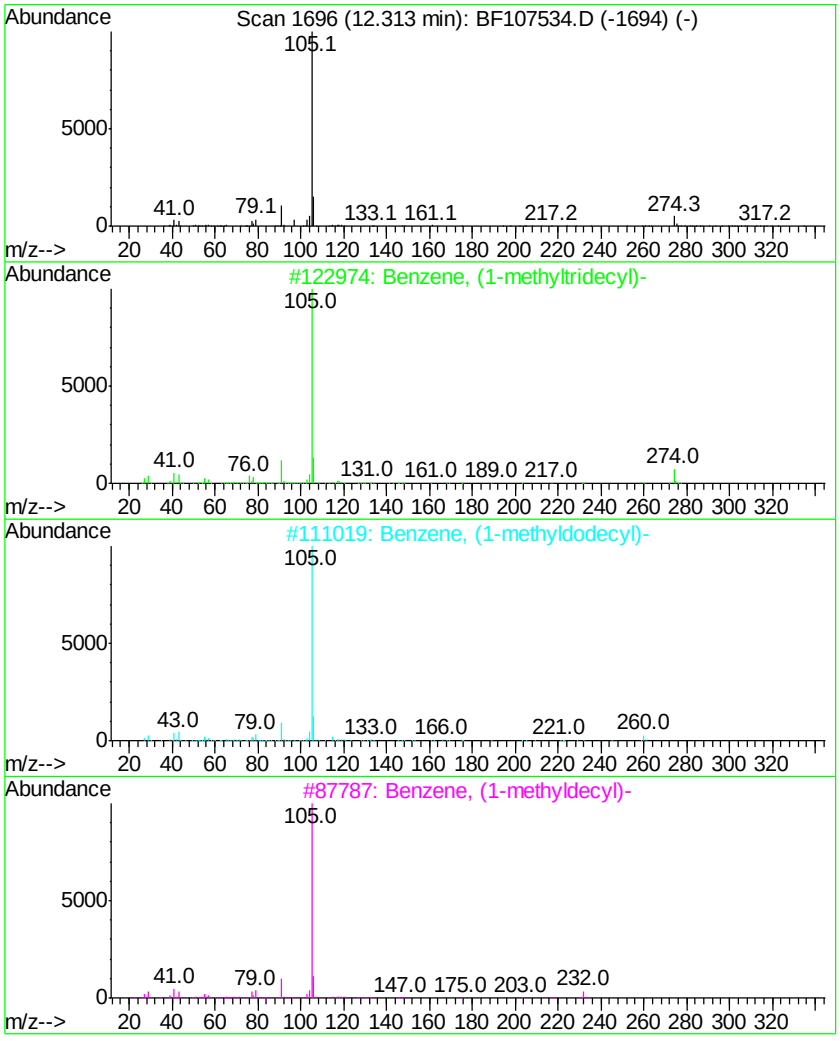
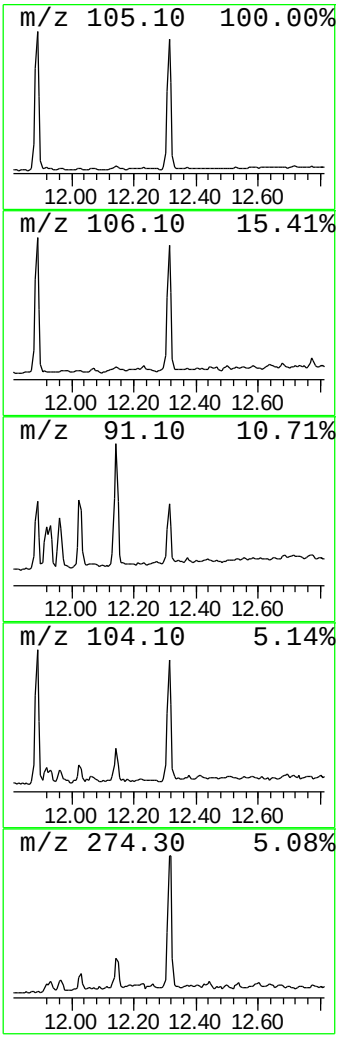
Peak Number 20 Benzene, (1-methyltridecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	35.04 ng	2585860	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	59
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	45
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	45
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107534.D
Acq On : 20 Jul 2018 20:05
Operator : JU/SJ
Sample : J4051-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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...	5.21	16.0	ng	1434320	1	6.97	1795890	20.0
unknown6.75	6.75	81.5	ng	7317450	1	6.97	1795890	20.0
Sulfurous acid, c...	9.18	7.3	ng	665380	3	10.01	1829430	20.0
Heptane, 2,2,3,3,...	9.26	4.7	ng	426172	3	10.01	1829430	20.0
unknown9.40	9.40	10.2	ng	931325	3	10.01	1829430	20.0
Sulfurous acid, b...	9.51	11.1	ng	1014400	3	10.01	1829430	20.0
Decahydro-4,4,8,9...	9.87	8.0	ng	729775	3	10.01	1829430	20.0
unknown9.92	9.92	14.2	ng	1301600	3	10.01	1829430	20.0
unknown10.33	10.33	6.1	ng	556342	3	10.01	1829430	20.0
unknown10.42	10.42	15.1	ng	1383510	3	10.01	1829430	20.0
3,5-Dimethyldodecane	10.65	5.9	ng	540439	3	10.01	1829430	20.0
Sulfurous acid, c...	10.88	17.0	ng	1251890	4	11.51	1476040	20.0
Tridecane, 5-propyl-	10.92	20.3	ng	1498880	4	11.51	1476040	20.0
2,4,4,6,6,8,8-Hep...	11.06	10.5	ng	774094	4	11.51	1476040	20.0
unknown11.15	11.15	9.8	ng	727100	4	11.51	1476040	20.0
Benzene, (1-methy...	11.44	10.1	ng	746662	4	11.51	1476040	20.0
Benzene, (1-ethyl...	11.71	11.2	ng	827038	4	11.51	1476040	20.0
Benzene, (1-methy...	11.89	36.1	ng	2668230	4	11.51	1476040	20.0
Benzene, (1-methy...	12.31	35.0	ng	2585860	4	11.51	1476040	20.0