LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-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-BF100818.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	5.304	544	547	563	rBV	259075	404730	22.92%	1.763%
2	6.340	720	723	737	rBV	290415	539755	30.56%	2.351%
3	6.463	741	744	752	rBV	499250	547882	31.02%	2.387%
4	6.692	780	783	791	rBV	426219	534545	30.27%	2.329%
5	6.769	791	796	806	rVV	659839	1060314	60.04%	4.619%
6	6.845	806	809	818	rVB	457090	503327	28.50%	2.193%
7	7.122	853	856	861	rVB	86140	85372	4.83%	0.372%
8	7.257	876	879	884	rBV	151623	201639	11.42%	0.878%
9	7.381	896	900	905	rBV	1894709	1766078	100.00%	7.693%
10	7.522	922	924	928	rVB2	125695	124293	7.04%	0.541%
11	7.622	932	941	945	rBV8	50825	136568	7.73%	0.595%
12	7.686	950	952	957	rVB2	97218	89655	5.08%	0.391%
13	7.875	981	984	989	rBV	207109	198391	11.23%	0.864%
14	7.975	996	1001	1008	rBV	684093	820849	46.48%	3.576%
15	8.269	1047	1051	1054	rBV5	51802	77549	4.39%	0.338%
16	8.404	1069	1074	1079	rBV3	102513	131170	7.43%	0.571%
17	8.575	1100	1103	1106	rBV	126930	112269	6.36%	0.489%
18	8.669	1116	1119	1122	rBV	269590	196975	11.15%	0.858%
19	8.792	1135	1140	1142	rBV3	69702	101560	5.75%	0.442%
20	9.045	1180	1183	1193	rBV	627142	670580	37.97%	2.921%
21	9.133	1195	1198	1202	rVV	149996	154758	8.76%	0.674%
22	9.386	1238	1241	1244	rBV2	62899	82507	4.67%	0.359%
23	9.445	1247	1251	1252	rBV2	98326	130023	7.36%	0.566%
24	9.580	1272	1274	1277	rBV	84036	93819	5.31%	0.409%
25	9.663	1286	1288	1292	rBV	242146	193787	10.97%	0.844%
26	9.722	1292	1298	1301	rBV	742078	758809	42.97%	3.306%
27	9.751	1301	1303	1307	rVB	83209	79898	4.52%	0.348%
28	9.904	1324	1329	1330	rBV5	59708	90749	5.14%	0.395%
29	9.986	1340	1343	1347	rVB4	94377	89256	5.05%	0.389%
30	10.057	1350	1355	1359	rVB5	69917	93890	5.32%	0.409%
31	10.163	1369	1373	1375	rBV	318594	261125	14.79%	1.138%
32	10.263	1388	1390	1392	rBV2	90009	96172	5.45%	0.419%
33	10.333	1399	1402	1404	rBV2	86473	84784	4.80%	0.369%
34	10.380	1407	1410	1413	rVV	183765	189775	10.75%	0.827%

LSC Area Percent Report

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Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-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-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.433	1416	1419	1421	rVB2	74078	78678	4.45%	0.343%
36	10.463	1421	1424	1427	rBV2	77554	75545	4.28%	0.329%
37	10.504	1427	1431	1436	rBV3	267554	396944	22.48%	1.729%
38	10.633	1450	1453	1460	rBV	658899	836558	47.37%	3.644%
39	10.833	1483	1487	1490	rBV3	267242	329141	18.64%	1.434%
40	10.892	1494	1497	1499	rBV2	70746	77507	4.39%	0.338%
41	11.080	1526	1529	1532	rBV	1012623	830397	47.02%	3.617%
42	11.110	1532	1534	1538	rVB	383698	341569	19.34%	1.488%
43	11.198	1546	1549	1552	rBV	506119	627162	35.51%	2.732%
44	11.222	1552	1553	1557	rVB	377277	362097	20.50%	1.577%
45	11.351	1573	1575	1578	rBV	107227	93727	5.31%	0.408%
46	11.386	1579	1581	1584	rBV	137967	120619	6.83%	0.525%
47	11.510	1599	1602	1605	rBV	647666	630394	35.69%	2.746%
48	11.669	1627	1629	1632	rBV3	225775	280022	15.86%	1.220%
49	11.769	1644	1646	1649	rBV3	252389	271496	15.37%	1.183%
50	11.810	1650	1653	1656	rBV3	368628	595023	33.69%	2.592%
51	11.922	1669	1672	1674	rBV	955829	977248	55.33%	4.257%
52	12.074	1695	1698	1703	rBV3	578720	1176845	66.64%	5.127%
53	12.204	1718	1720	1725	rBV	669093	788737	44.66%	3.436%
54	12.316	1736	1739	1742	rBV	918542	994632	56.32%	4.333%
55	12.421	1754	1757	1760	rBV2	980911	1138595	64.47%	4.960%
56	12.463	1761	1764	1767	rBV3	803782	1229905	69.64%	5.358%

Sum of corrected areas: 22955694

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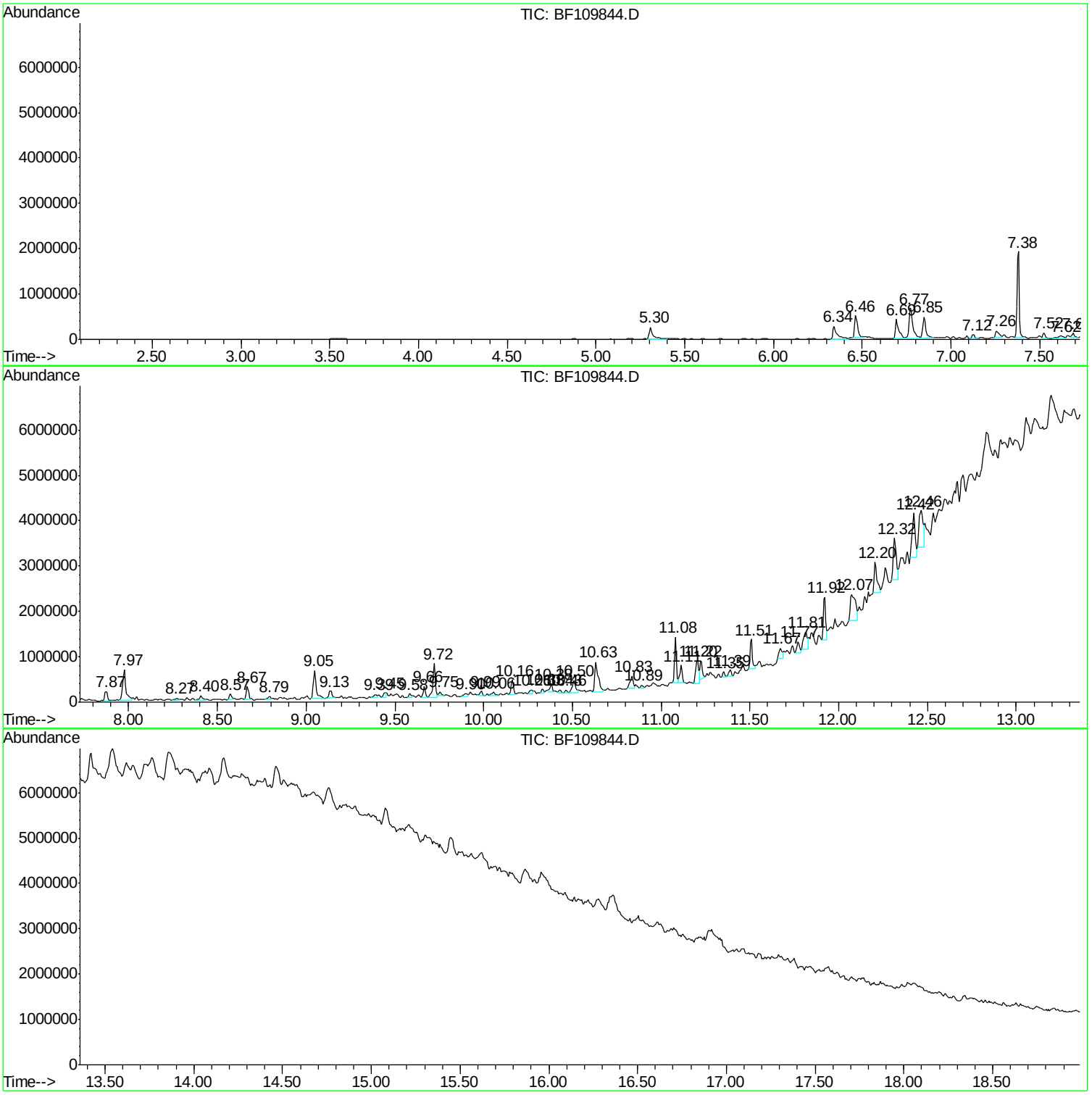
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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\BF101218\
Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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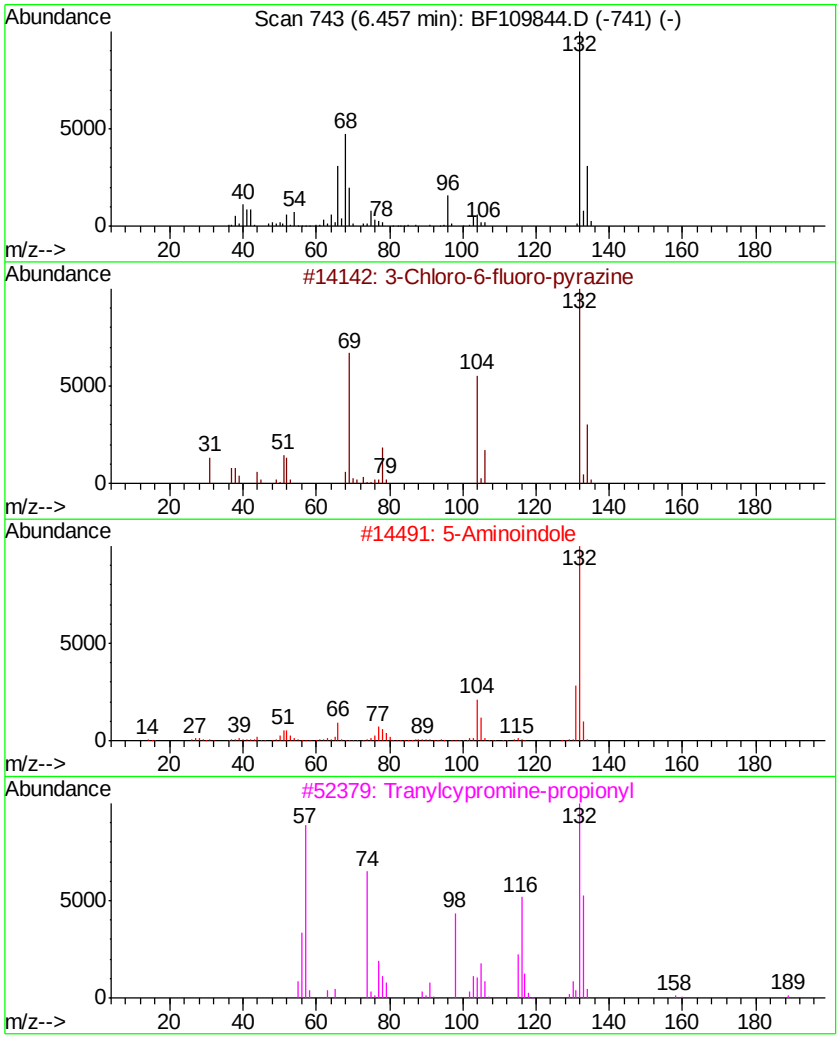
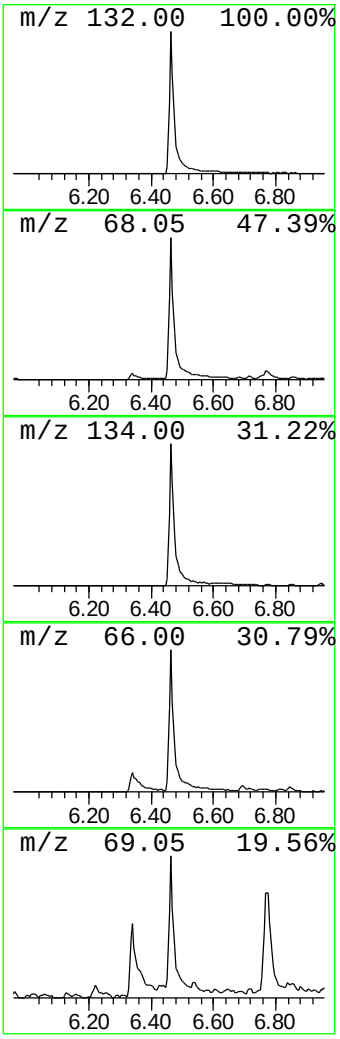
Peak Number 1 unknown6.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	20.50 ng	547882	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

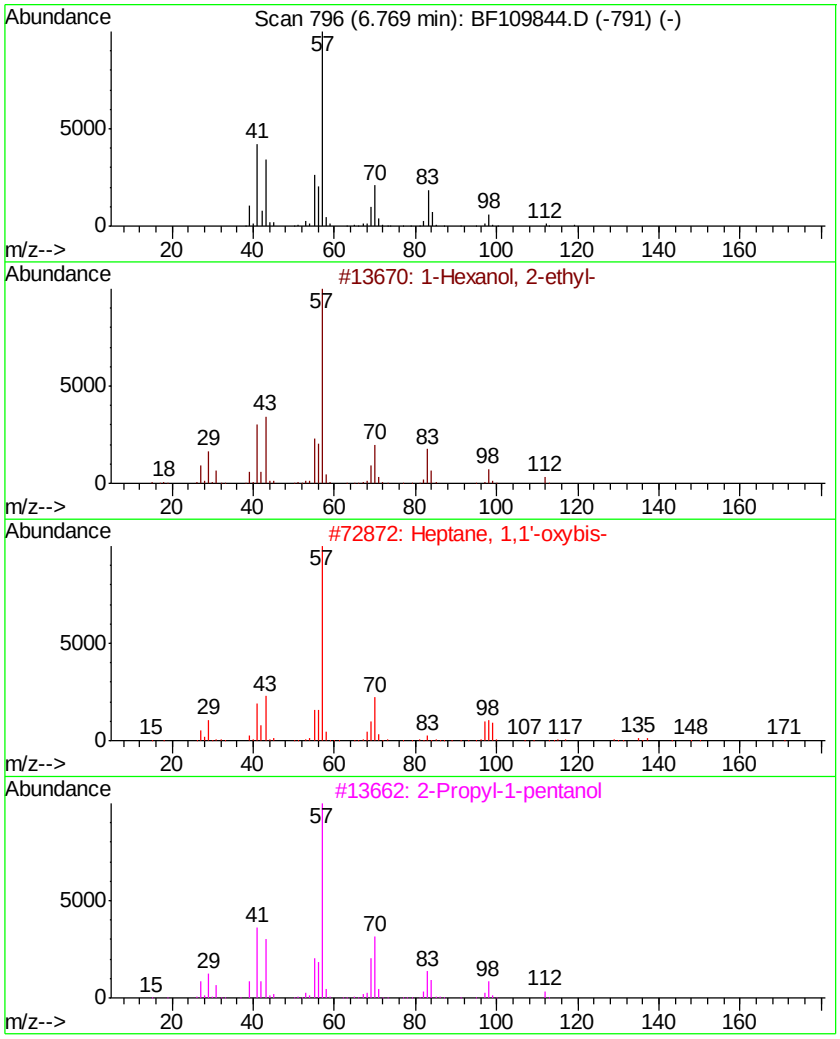
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

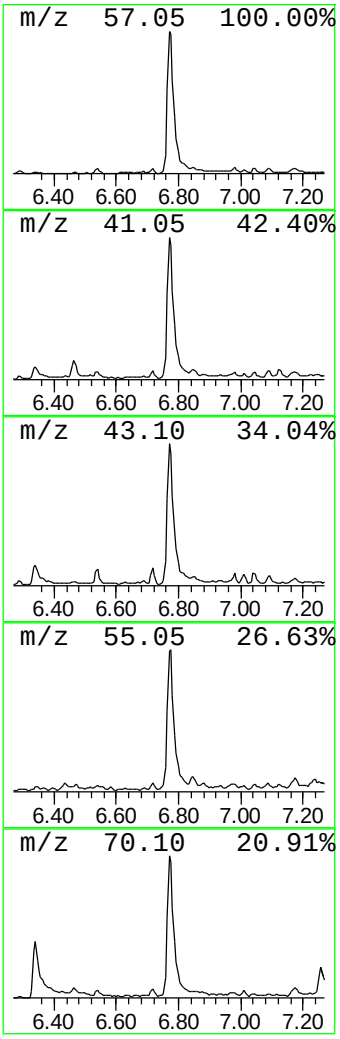
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	39.67 ng	1060310	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
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Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

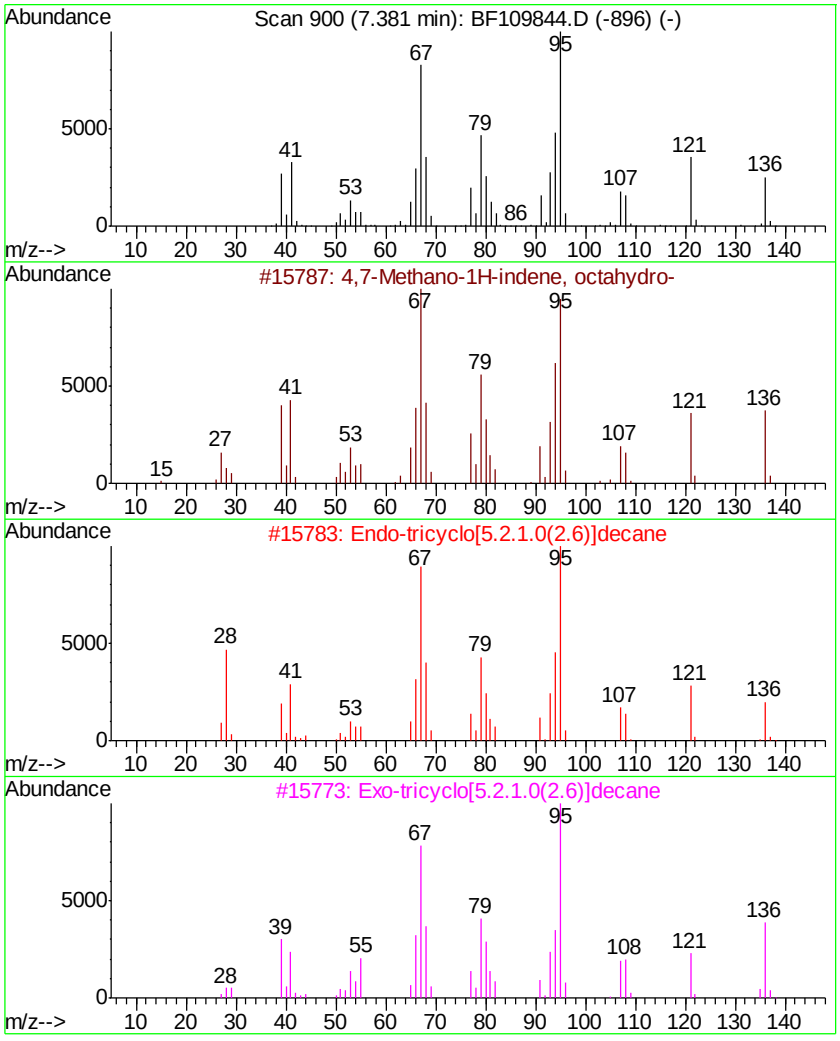
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

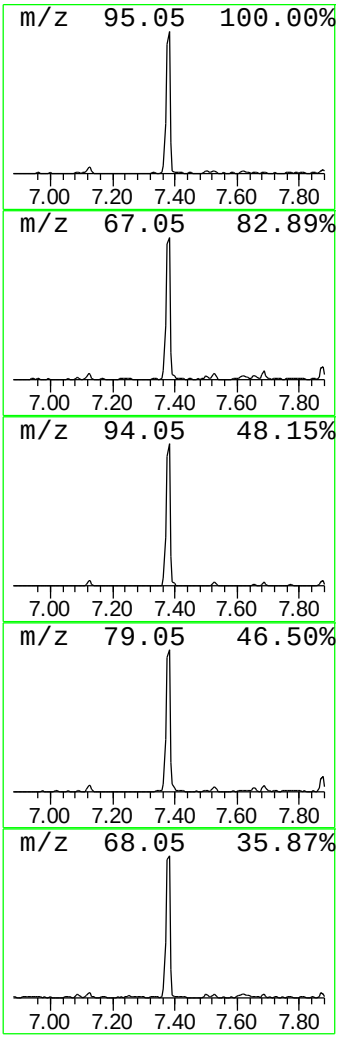
****

Peak Number 4 4,7-Methano-1H-indene, octa... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	43.03 ng	1766080	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	98
2	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	98
3	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	95
4	1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	93
5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109844.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

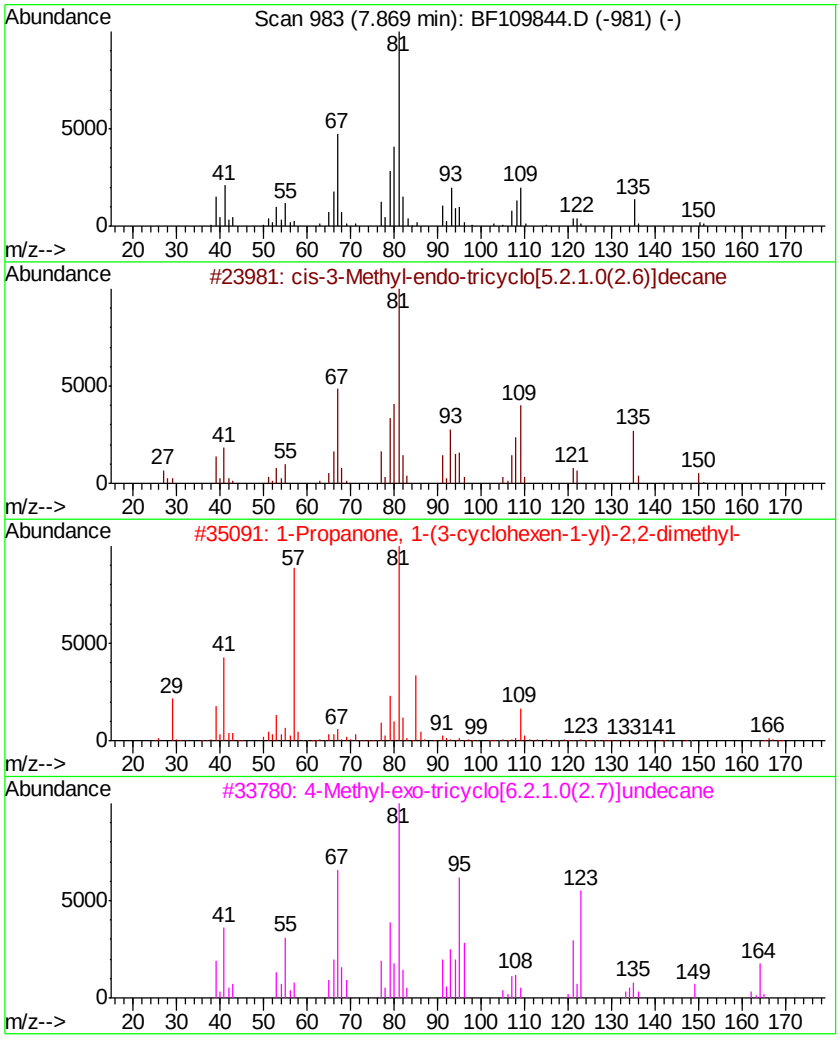
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

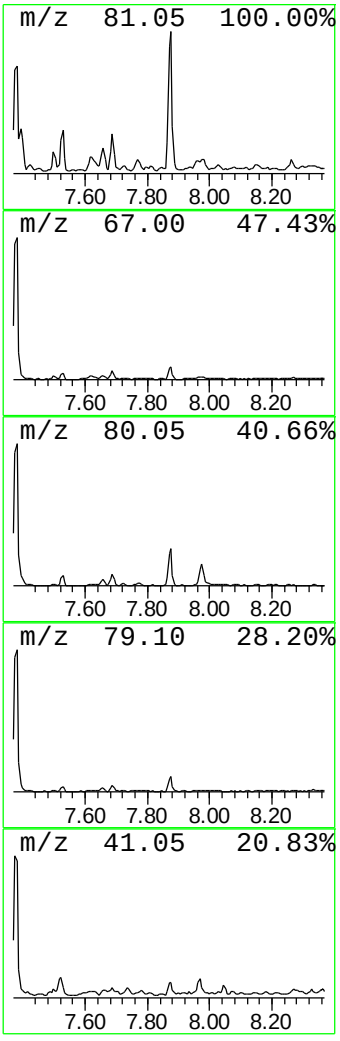
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 cis-3-Methyl-endo-tricyclo[... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	4.83 ng	198391	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	91
2	1-Propanone, 1-(3-cyclohexen-1-y...	166	C11H18O	016076-65-6	38
3	4-Methyl-exo-tricyclo[6.2.1.0(2....	164	C12H20	1000215-29-8	37
4	1-Methylbicyclo[2.2.1]heptan-exo...	126	C8H14O	1000138-89-9	36
5	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	35





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Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

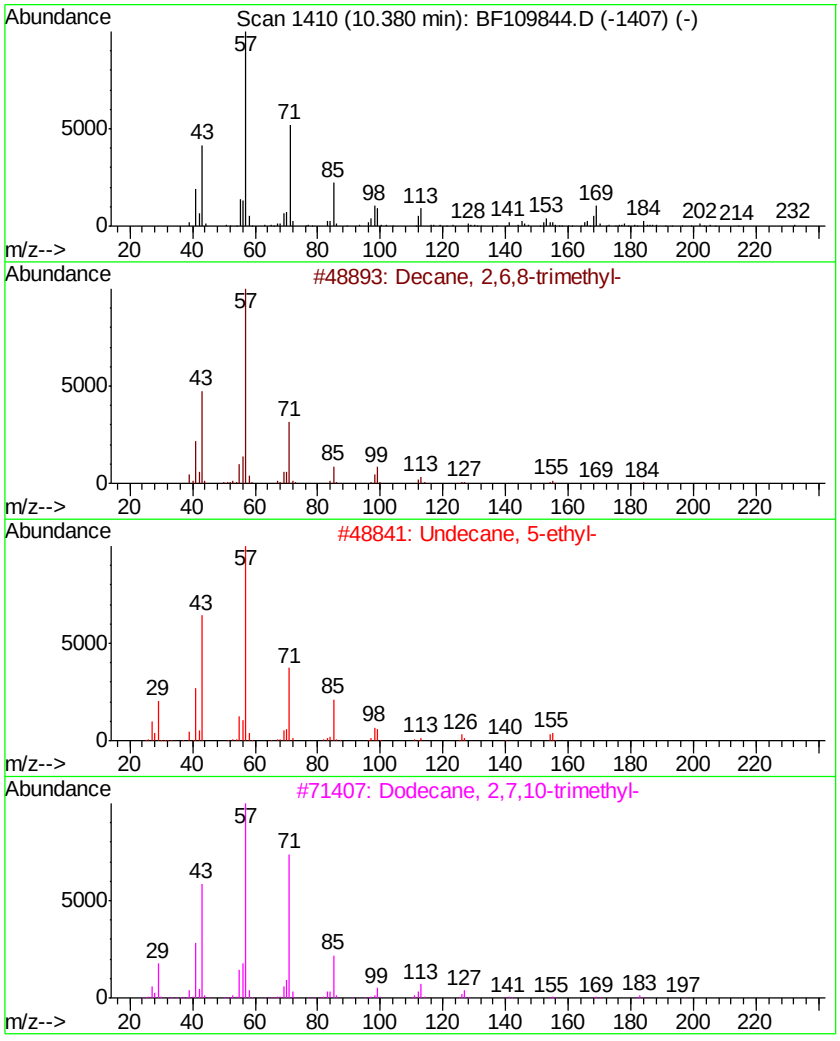
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

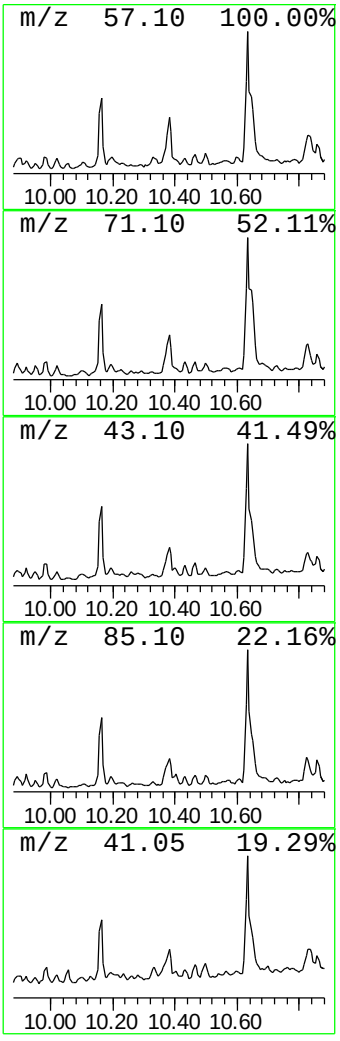
****

Peak Number 8 Decane, 2,6,8-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.00 ng	189775	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58





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Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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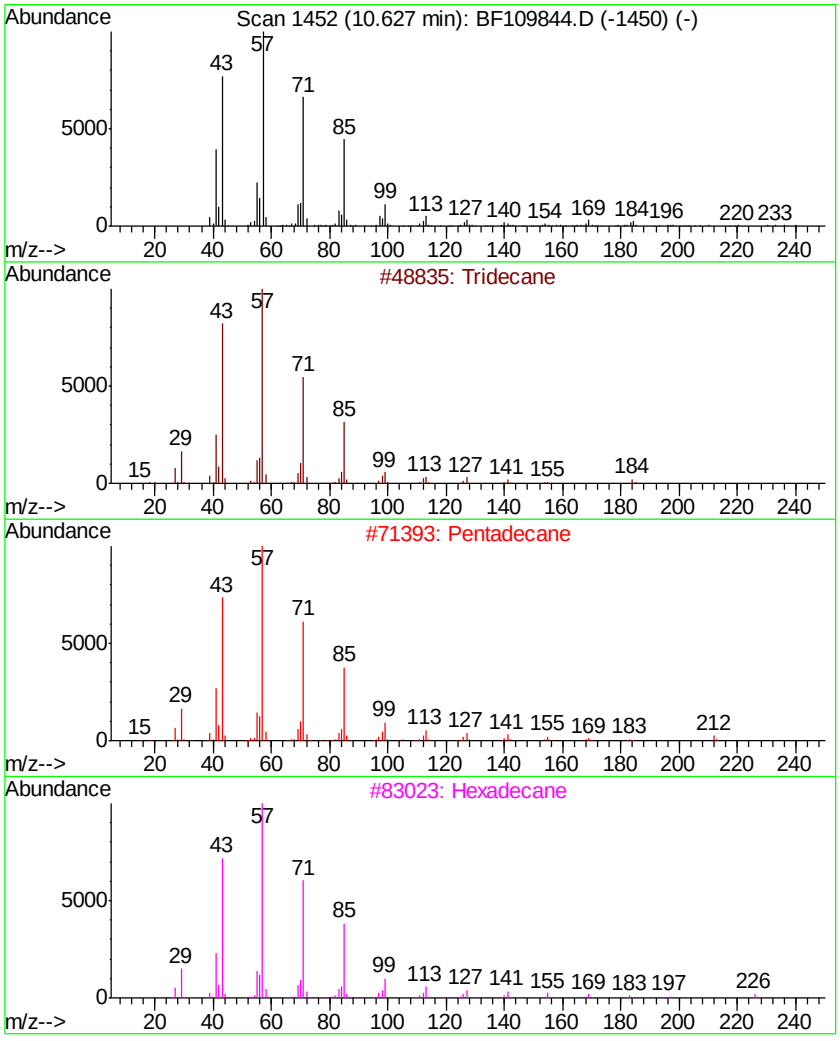
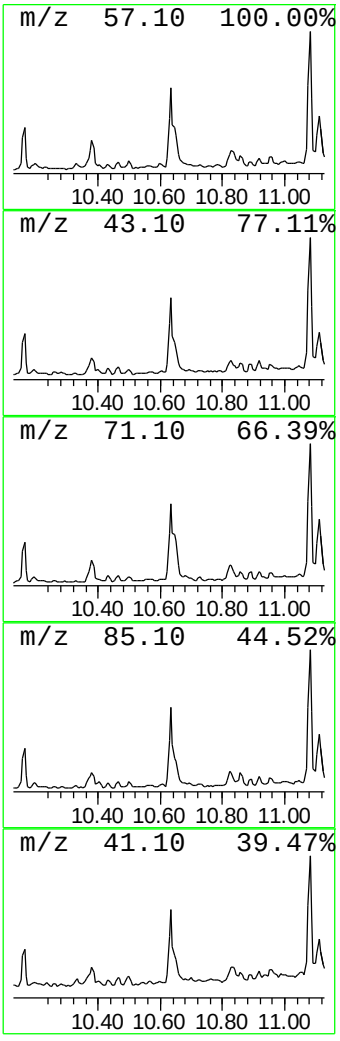
Peak Number 9 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	26.68 ng	836558	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane	170	C12H26	000112-40-3	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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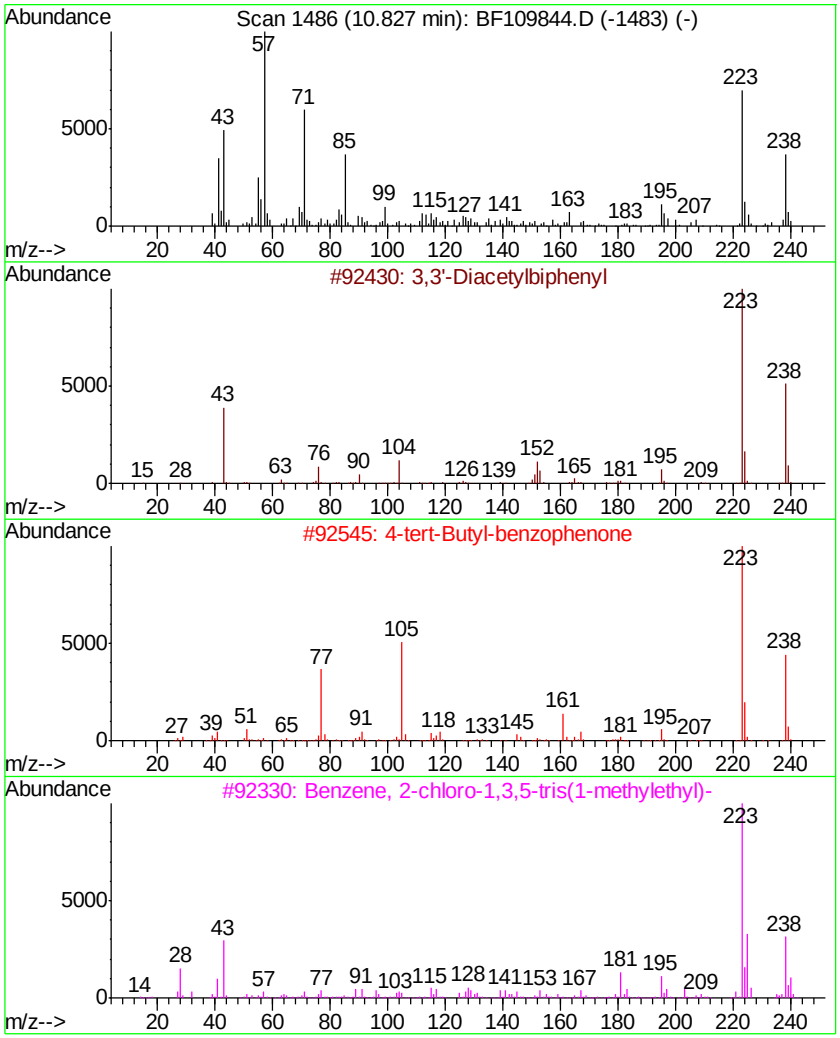
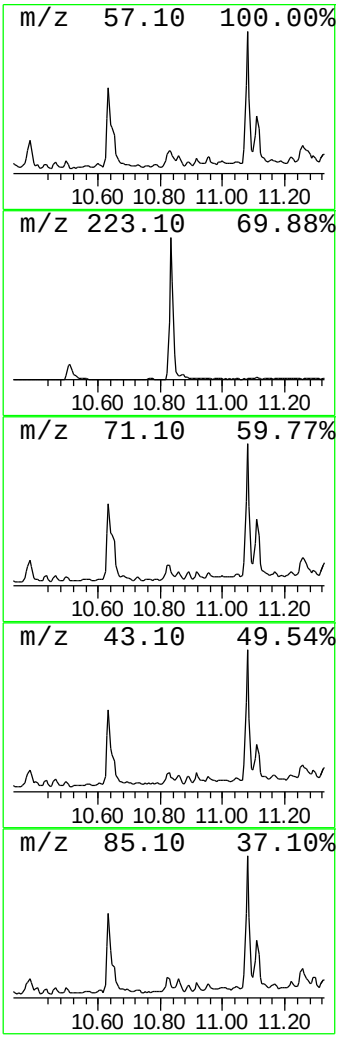
Peak Number 10 3,3'-Diacetylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	10.50 ng	329141	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	74
2	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	72
3	Benzene, 2-chloro-1,3,5-tris(1-m...	238	C15H23Cl	055538-62-0	72
4	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	68
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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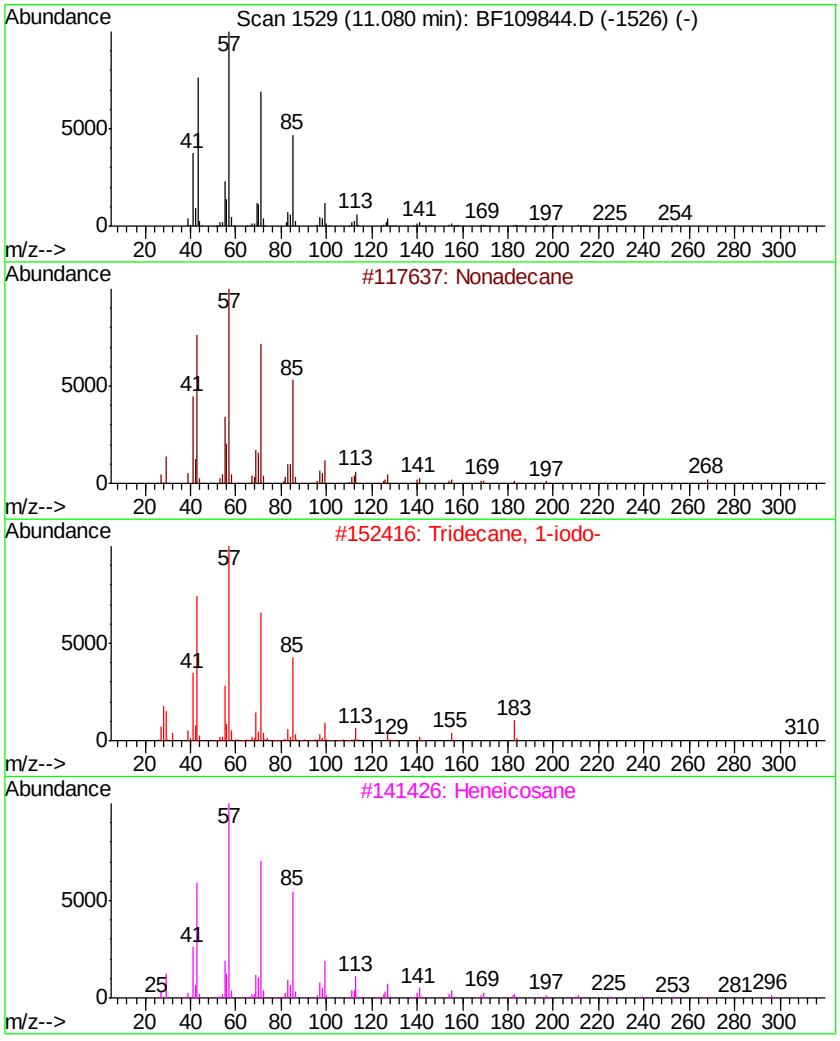
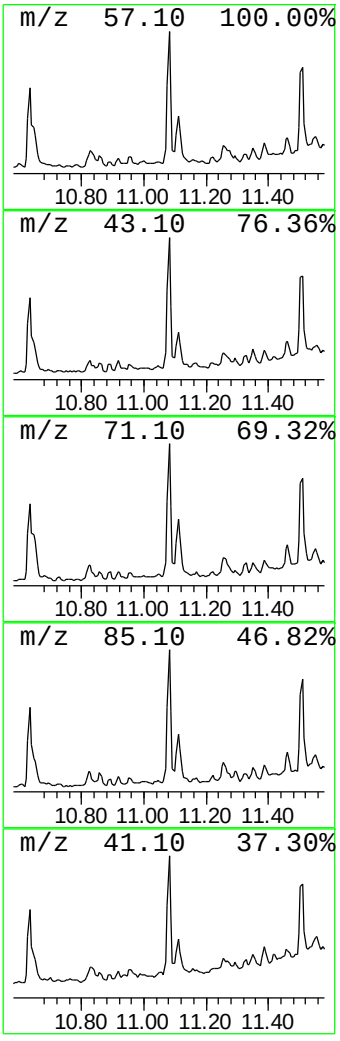
Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	26.48 ng	830397	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentadecane	212	C15H32	000629-62-9	90





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Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

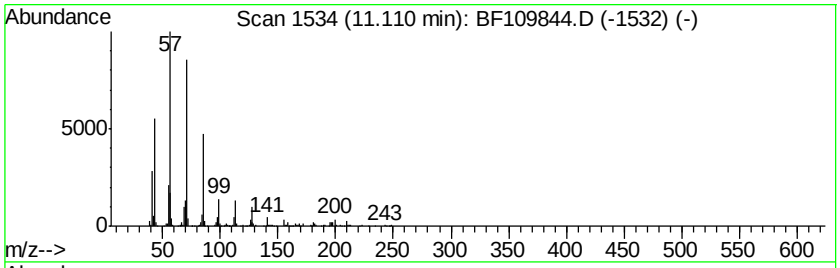
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

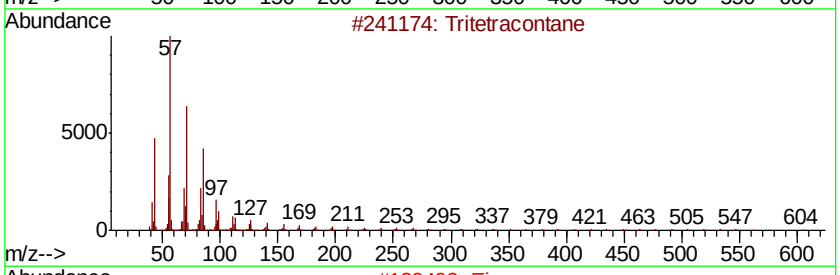
****

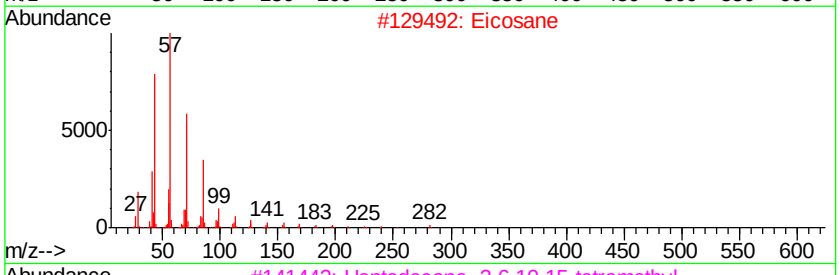
Peak Number 12 Tritetracontane Concentration Rank 13

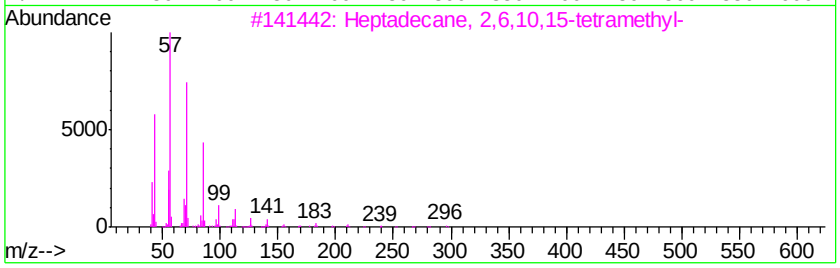
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	10.89 ng	341569	Phenanthrene-d10	11.20

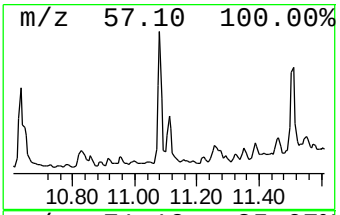
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
5	Octacosane	394	C28H58	000630-02-4	86

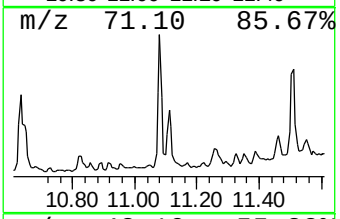


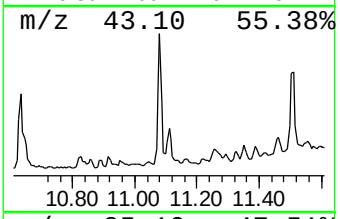


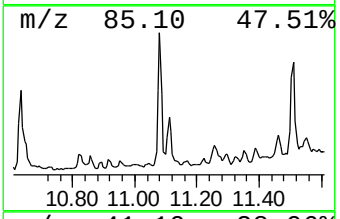


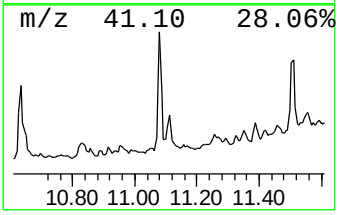












Library Search Compound Report

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Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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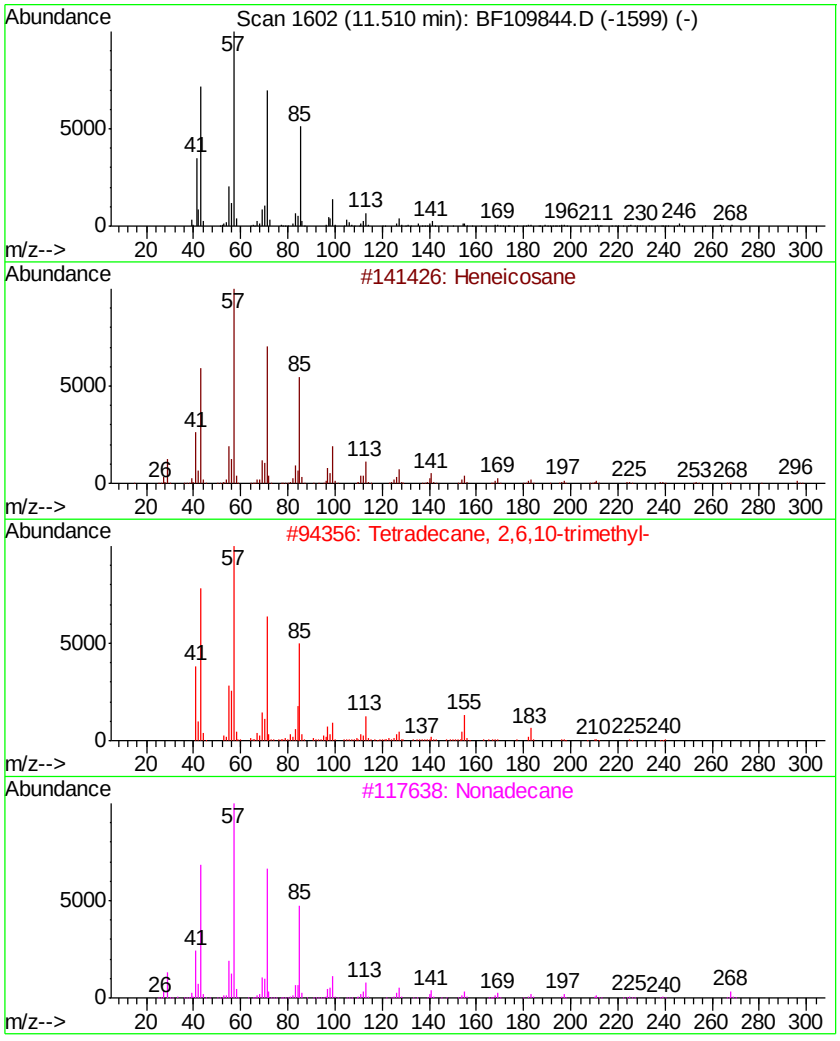
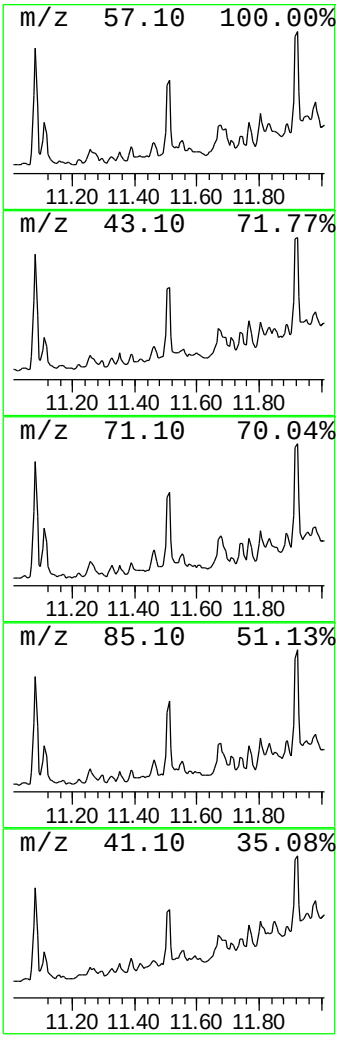
Peak Number 13 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	20.10 ng	630394	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane	282	C20H42	000112-95-8	64





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Acq On : 12 Oct 2018 20:01
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Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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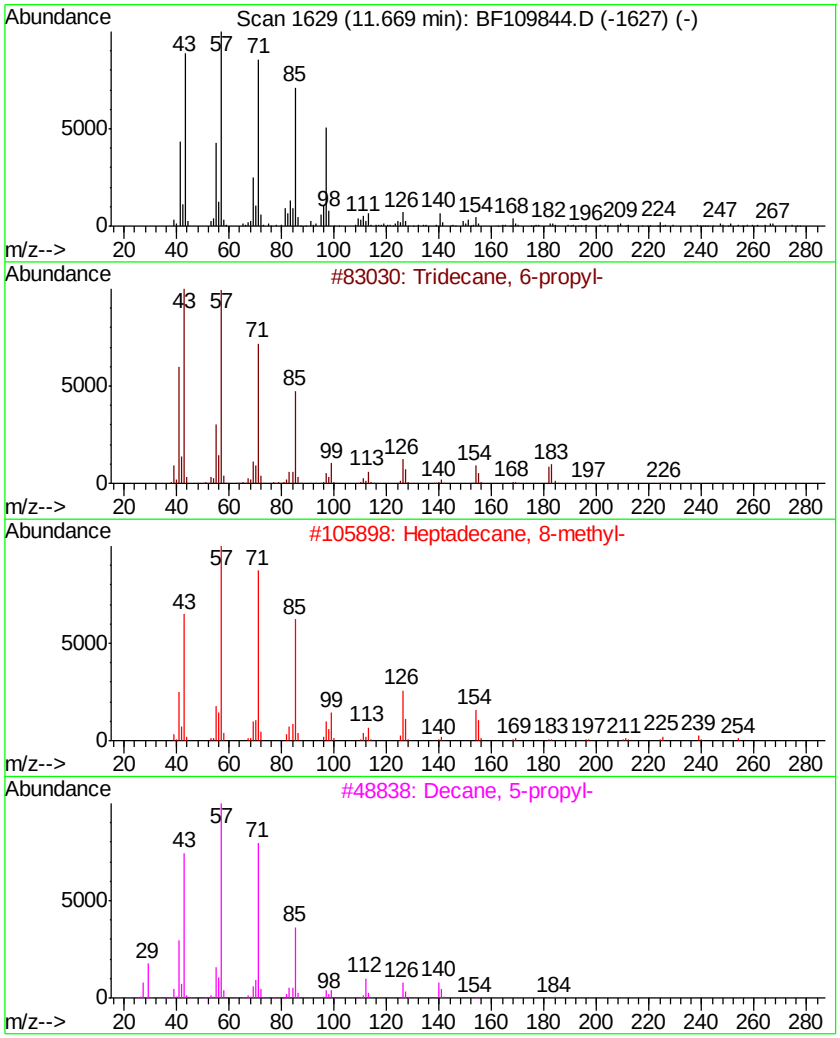
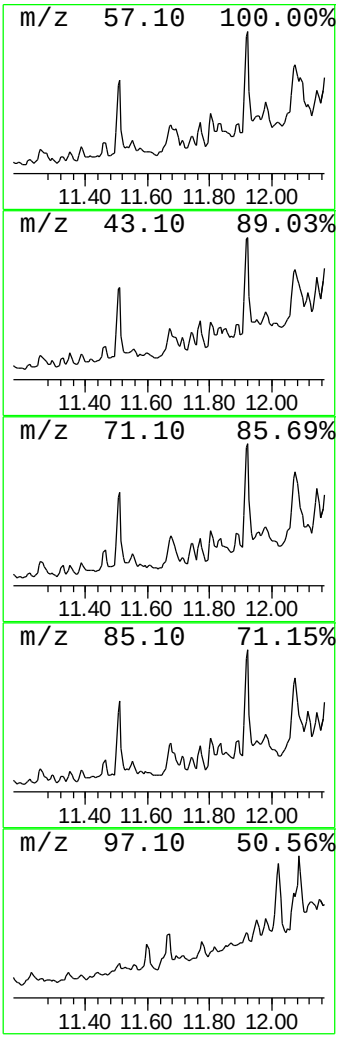
Peak Number 14 Tridecane, 6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	8.93 ng	280022	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	49
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-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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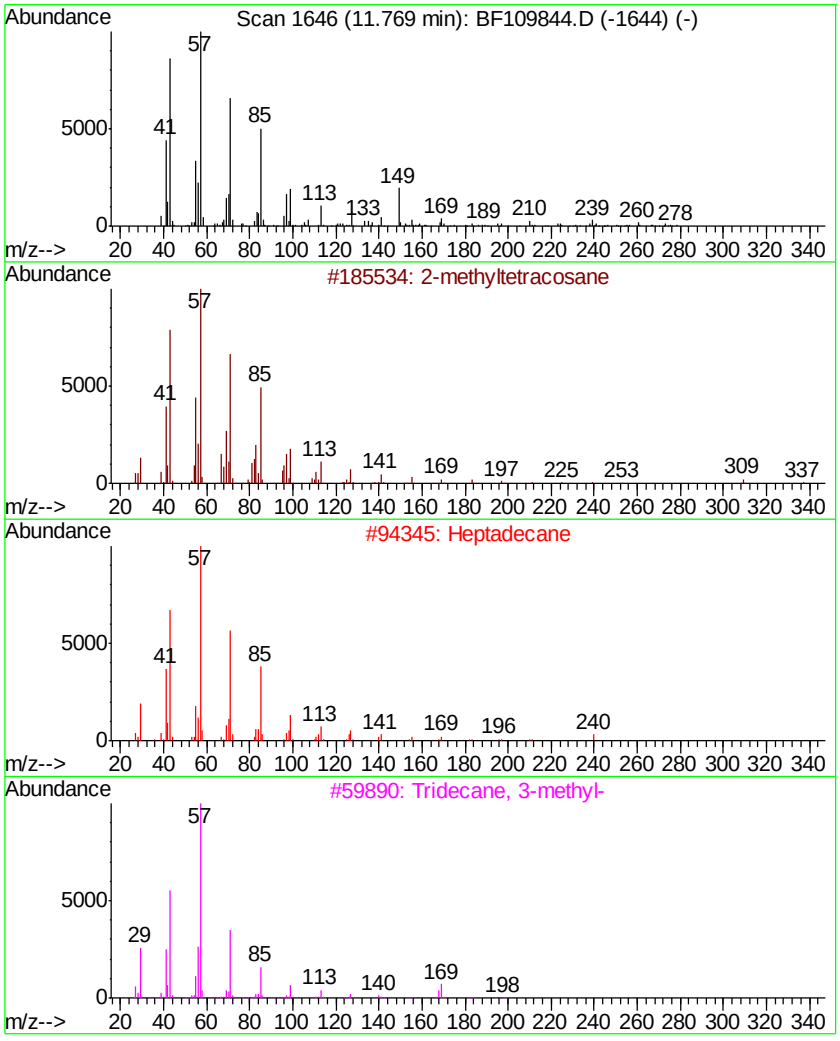
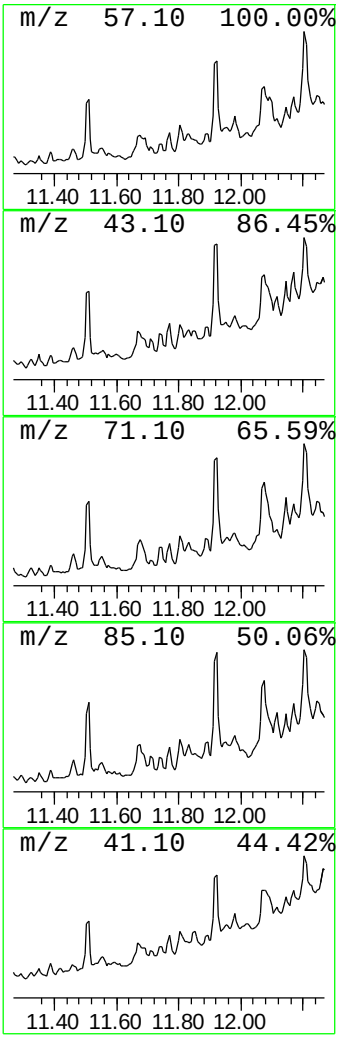
Peak Number 15 2-methyltetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	8.66 ng	271496	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	80
2	Heptadecane	240	C17H36	000629-78-7	76
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





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Sample : J5457-01 2X
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ClientSampleId : KG-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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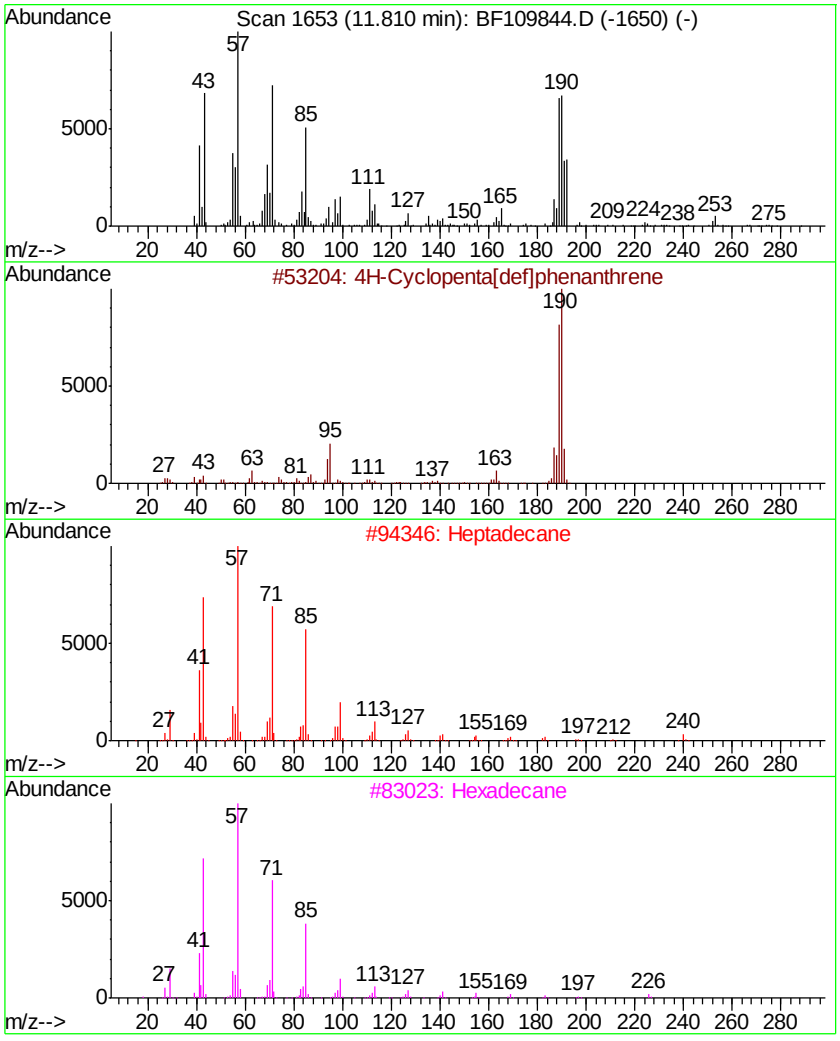
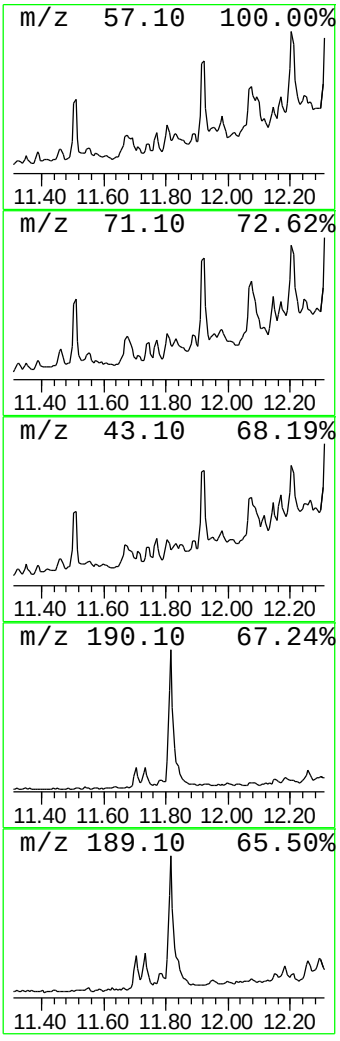
Peak Number 16 unknown11.81 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	18.98 ng	595023	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	42
2	Heptadecane	240	C17H36	000629-78-7	30
3	Hexadecane	226	C16H34	000544-76-3	25
4	2-methyltetracosane	352	C25H52	1000376-72-6	25
5	2-methyloctacosane	408	C29H60	1000376-72-8	25





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Sample : J5457-01 2X
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Instrument : BNA_F
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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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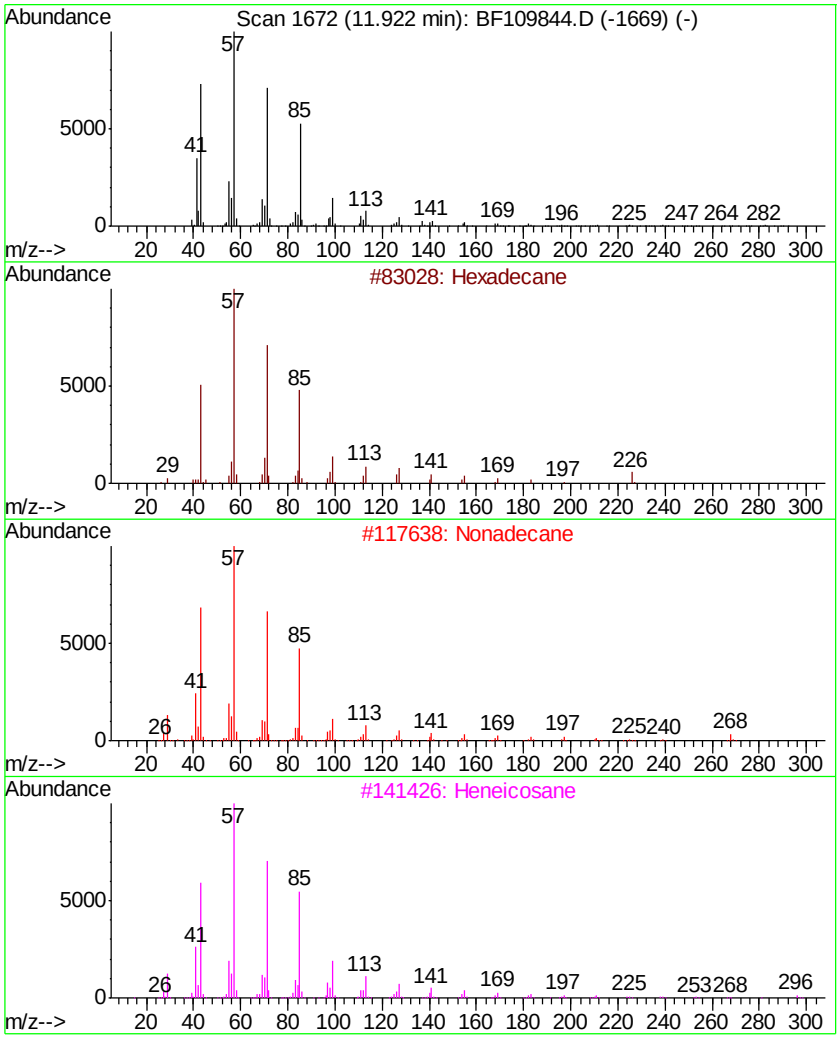
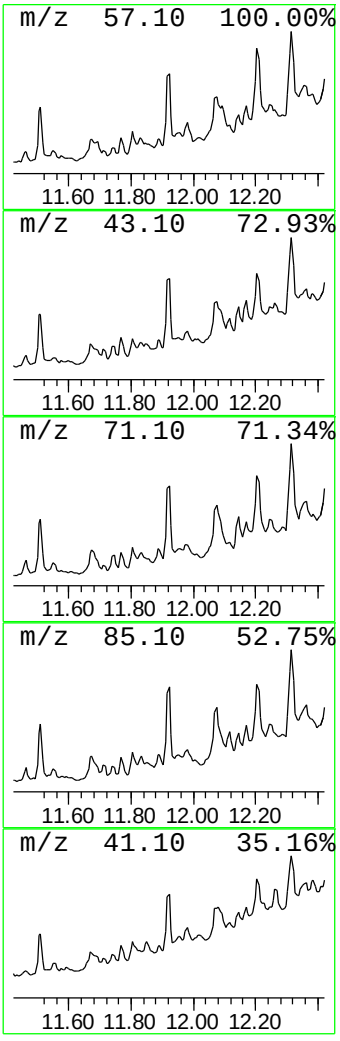
Peak Number 17 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	31.16 ng	977248	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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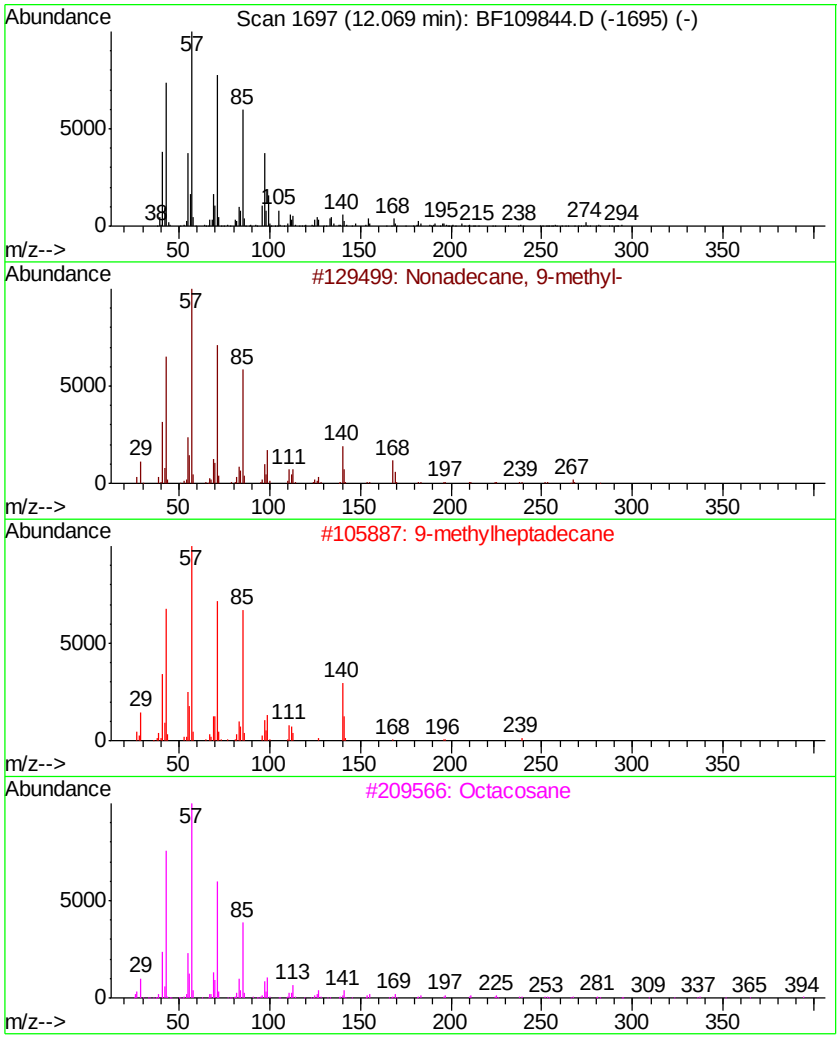
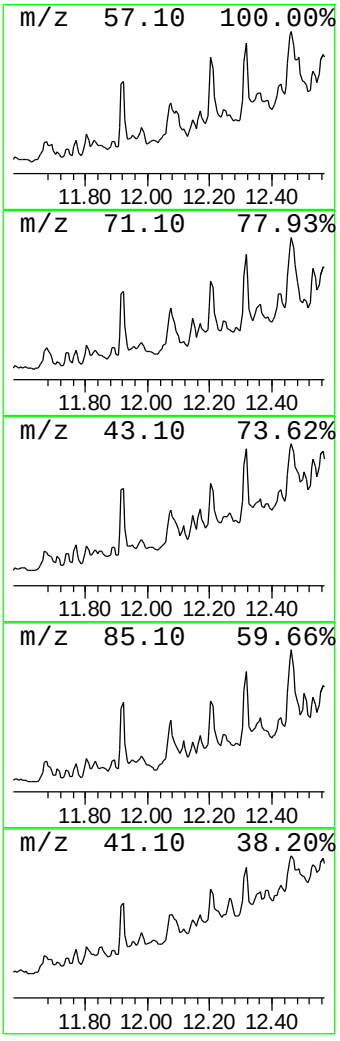
Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	37.53 ng	1176850	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	9-methylheptadecane	254	C18H38	026741-18-4	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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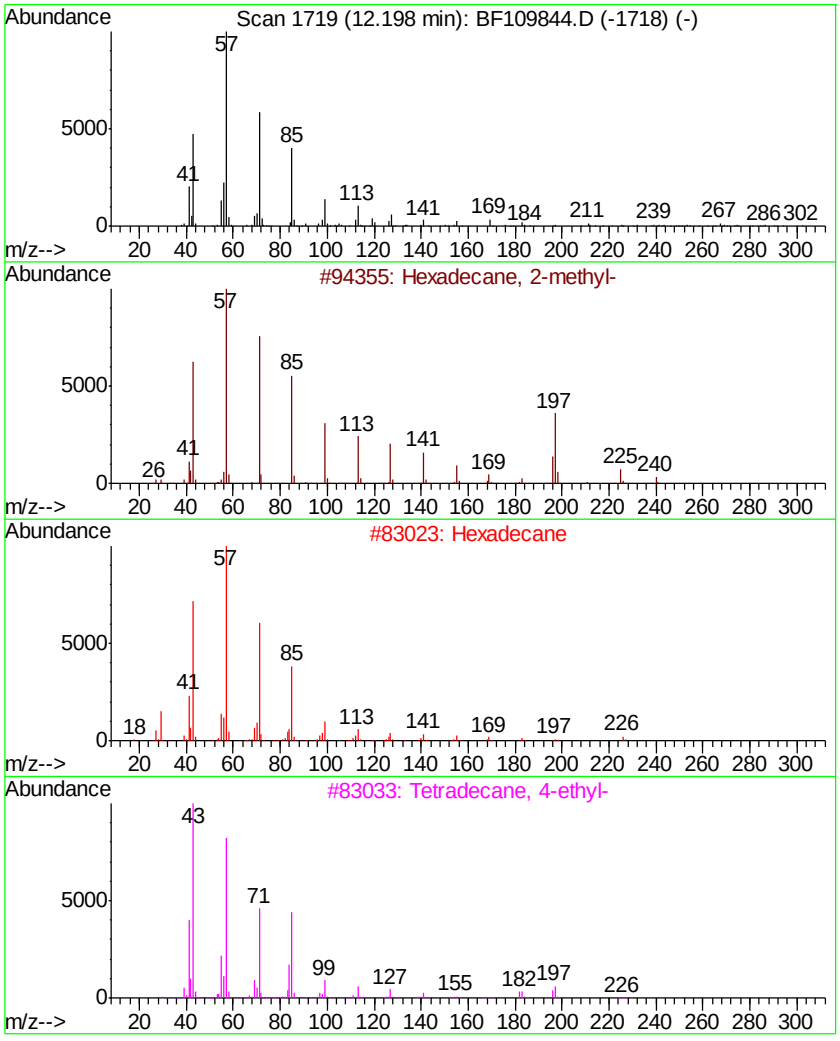
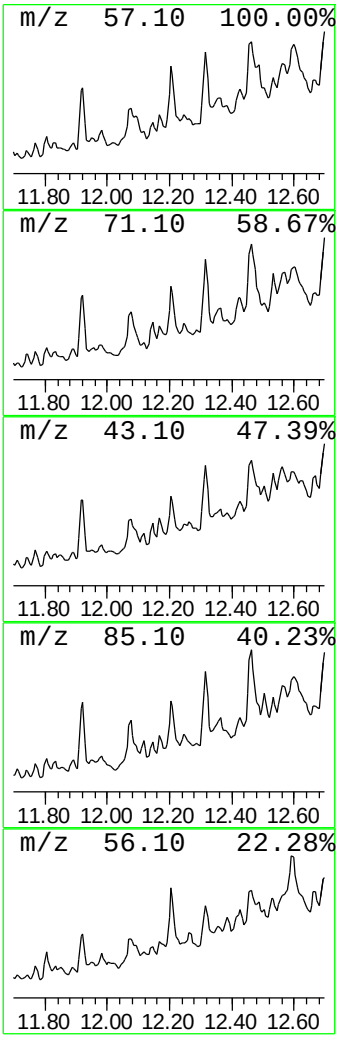
Peak Number 19 Hexadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	25.15 ng	788737	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86





Tentatively Identified Compound (LSC) summary

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Data File : BF109844.D
Acq On : 12 Oct 2018 20:01
Operator : JU/SJ
Sample : J5457-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.46	6.46	20.5	ng	547882	1	6.69	534545	20.0
1-Hexanol, 2-ethyl-	6.77	39.7	ng	1060310	1	6.69	534545	20.0
4,7-Methano-1H-in...	7.38	43.0	ng	1766080	2	7.97	820849	20.0
cis-3-Methyl-endo...	7.87	4.8	ng	198391	2	7.97	820849	20.0
Decane, 2,6,8-tri...	10.38	5.0	ng	189775	3	9.72	758809	20.0
Tridecane	10.63	26.7	ng	836558	4	11.20	627162	20.0
3,3'-Diacetylbiph...	10.83	10.5	ng	329141	4	11.20	627162	20.0
Nonadecane	11.08	26.5	ng	830397	4	11.20	627162	20.0
Tritetracontane	11.11	10.9	ng	341569	4	11.20	627162	20.0
Heneicosane	11.51	20.1	ng	630394	4	11.20	627162	20.0
Tridecane, 6-propyl-	11.67	8.9	ng	280022	4	11.20	627162	20.0
2-methyltetracosane	11.77	8.7	ng	271496	4	11.20	627162	20.0
unknown11.81	11.81	19.0	ng	595023	4	11.20	627162	20.0
Hexadecane	11.92	31.2	ng	977248	4	11.20	627162	20.0
Nonadecane, 9-met...	12.07	37.5	ng	1176850	4	11.20	627162	20.0
Hexadecane, 2-met...	12.20	25.1	ng	788737	4	11.20	627162	20.0