LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-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-BF071618.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	2.366	3	5	15	rVB	411835	521259	14.70%	2.044%
2	2.678	53	58	63	rVB	304338	422072	11.90%	1.655%
3	5.207	484	488	494	rVB	221254	238234	6.72%	0.934%
4	5.607	551	556	559	rBV	1828171	1707014	48.14%	6.692%
5	6.607	721	726	729	rBV	2026047	1812250	51.11%	7.105%
6	6.754	746	751	754	rBV	1926067	1884874	53.16%	7.390%
7	6.984	786	790	793	rVB	1007478	853780	24.08%	3.347%
8	7.136	812	816	820	rVB	1730668	1448783	40.86%	5.680%
9	7.542	881	885	888	rBV	1437325	1183954	33.39%	4.642%
10	7.954	951	955	965	rBV8	18343	43277	1.22%	0.170%
11	8.266	1004	1008	1012	rBV	1286881	1037768	29.27%	4.069%
12	9.342	1185	1191	1194	rBV	2623541	2229172	62.87%	8.740%
13	9.730	1253	1257	1261	rBV	443147	386920	10.91%	1.517%
14	10.030	1303	1308	1311	rBV	1383597	1256657	35.44%	4.927%
15	10.213	1334	1339	1344	rBV6	57751	78042	2.20%	0.306%
16	10.819	1438	1442	1445	rBV	1591880	1323552	37.33%	5.189%
17	11.001	1471	1473	1476	rBV3	38533	39943	1.13%	0.157%
18	11.060	1480	1483	1486	rBV3	71262	88785	2.50%	0.348%
19	11.283	1519	1521	1526	rVB5	24795	35607	1.00%	0.140%
20	11.519	1558	1561	1565	rBV	1313623	1254928	35.39%	4.920%
21	12.024	1645	1647	1653	rBV7	45995	68072	1.92%	0.267%
22	12.965	1805	1807	1813	rVV6	67165	96345	2.72%	0.378%
23	13.107	1827	1831	1834	rBV	2190433	1913891	53.98%	7.503%
24	13.318	1865	1867	1869	rBV3	41471	36354	1.03%	0.143%
25	13.989	1975	1981	1997	rVB4	1070804	3545699	100.00%	13.901%
26	14.095	1997	1999	2000	rBV2	92345	64661	1.82%	0.254%
27	14.171	2009	2012	2017	rVB	1095887	1016391	28.67%	3.985%
28	15.718	2270	2275	2280	rBV	655916	918371	25.90%	3.601%

Sum of corrected areas: 25506655

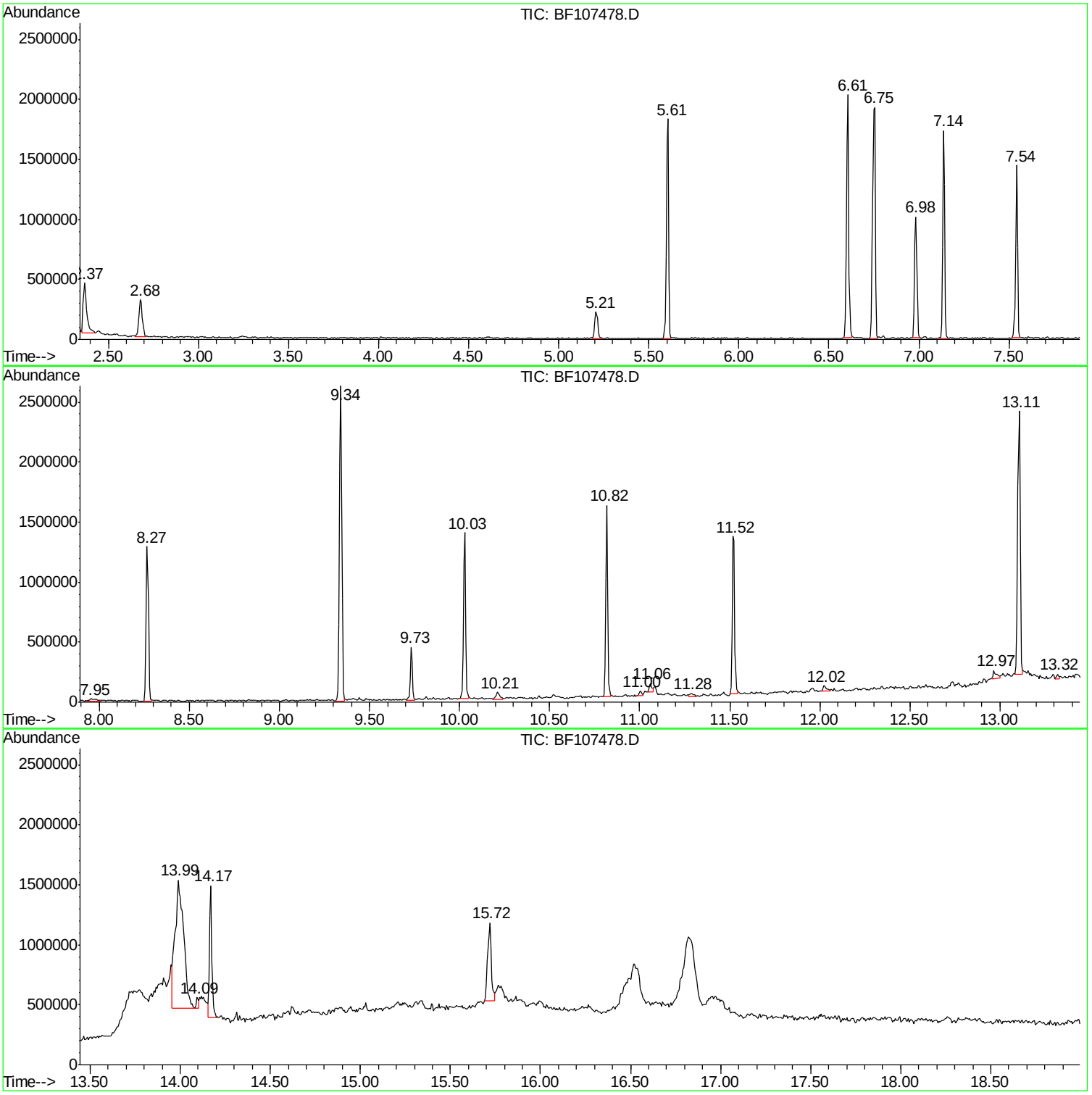
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

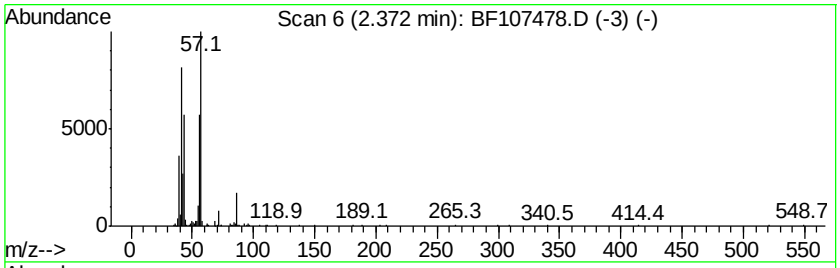
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

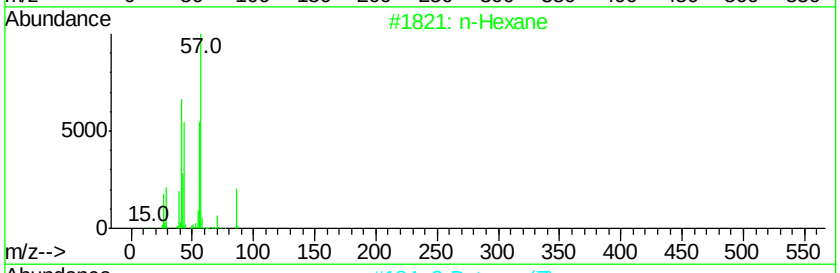
****

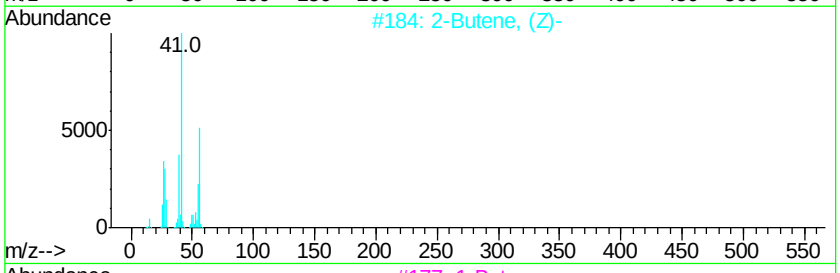
Peak Number 1 n-Hexane Concentration Rank 4

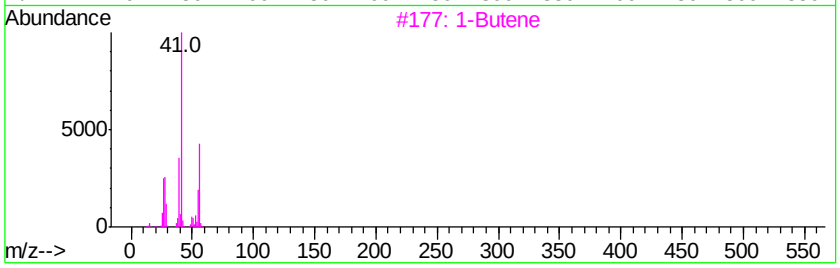
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	12.21 ng	521259	1,4-Dichlorobenzene-d4	6.98

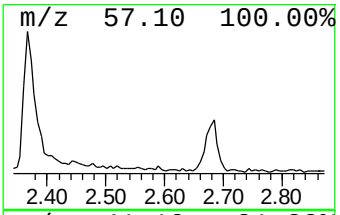
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	83
2	2-Butene, (Z)-	56	C4H8	000590-18-1	43
3	1-Butene	56	C4H8	000106-98-9	38
4	2-Butene	56	C4H8	000107-01-7	38
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	37

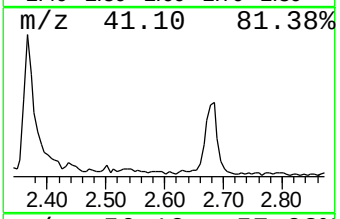


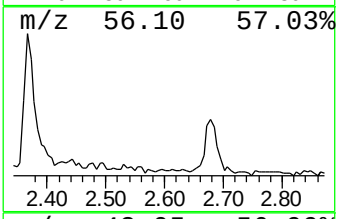


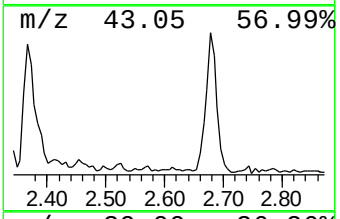


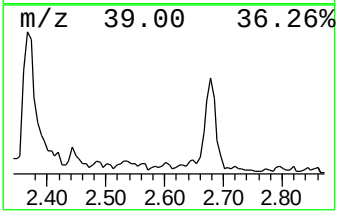












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

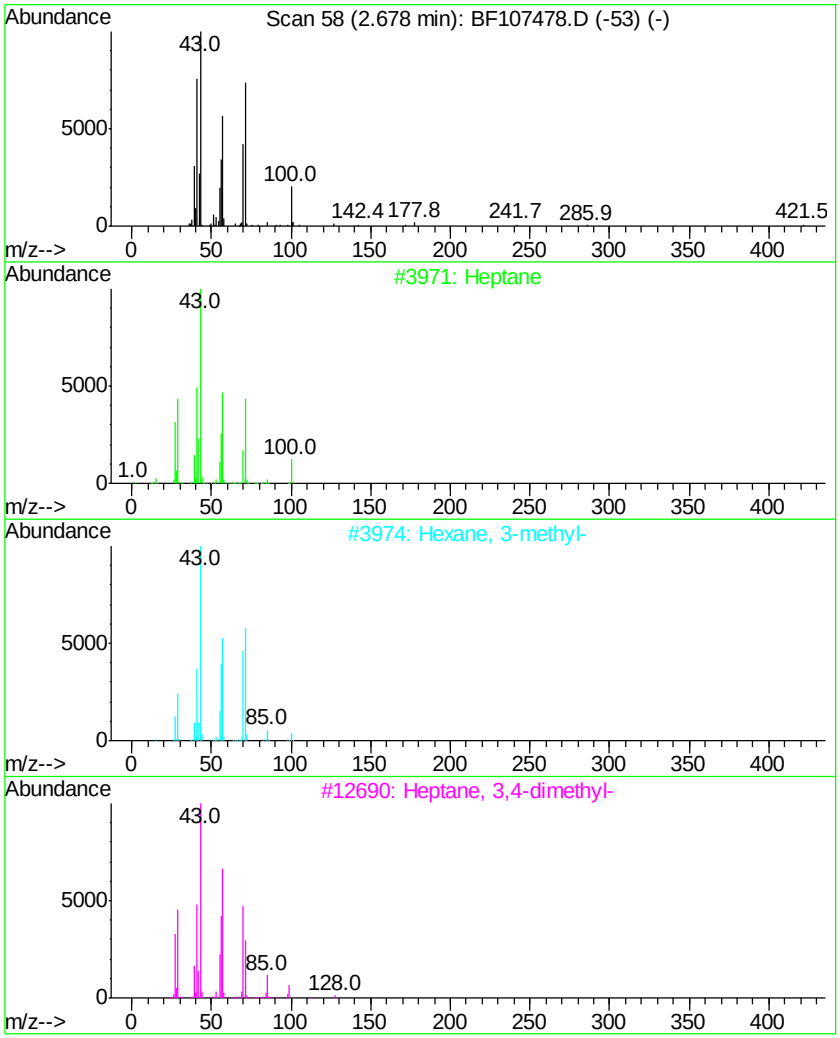
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

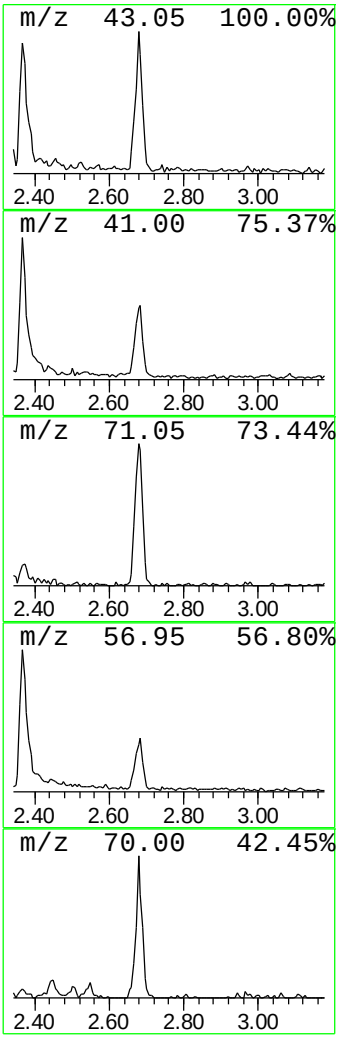
****

Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	9.89 ng	422072	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	45
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38
4	Oxetane, 2-propyl-	100	C6H12O	004468-64-8	38
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

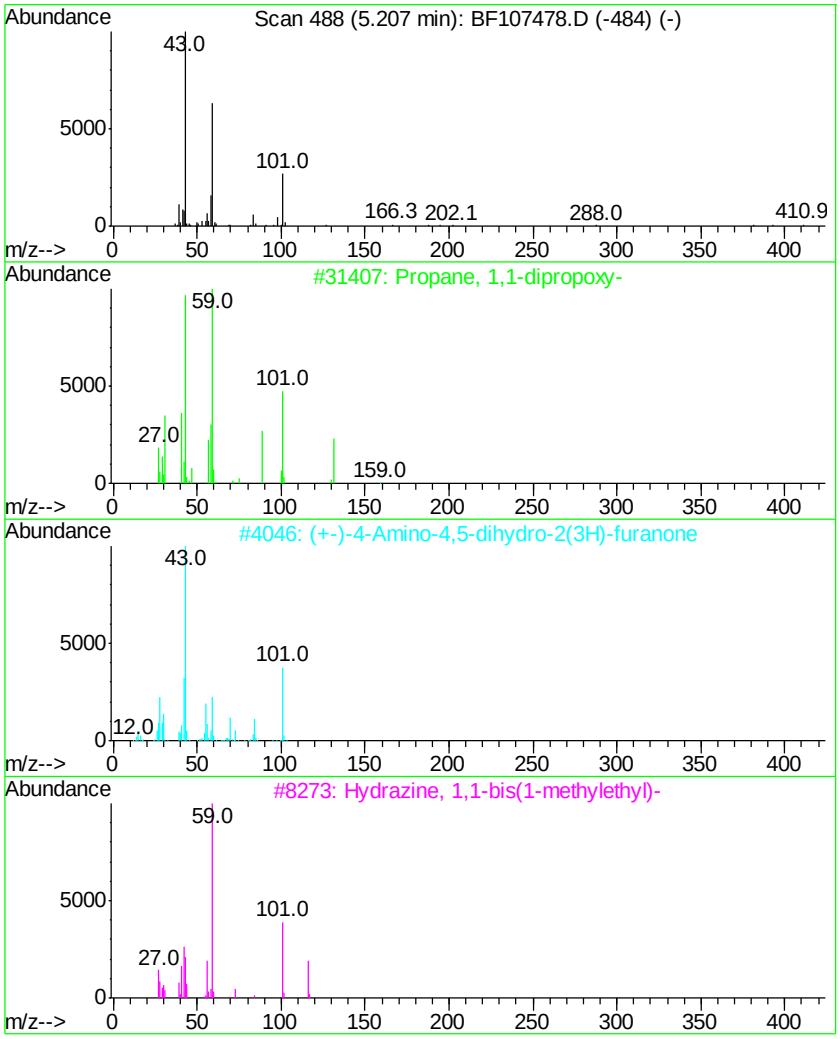
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

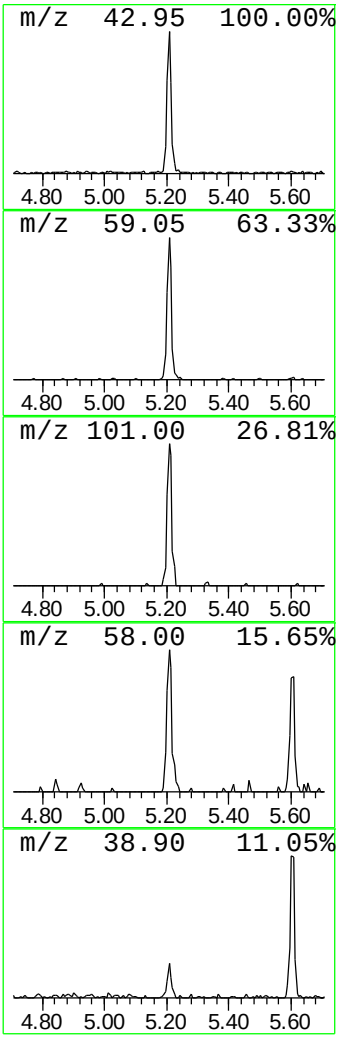
****

Peak Number 3 unknown5.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	5.58 ng	238234	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

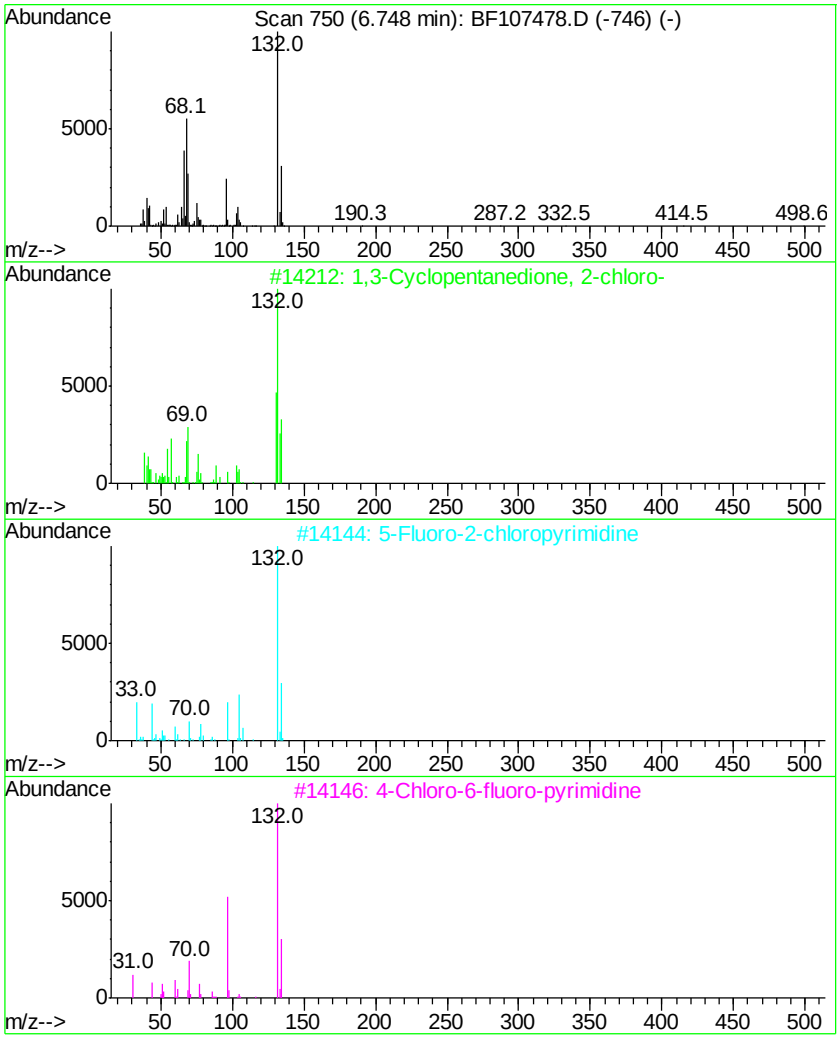
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

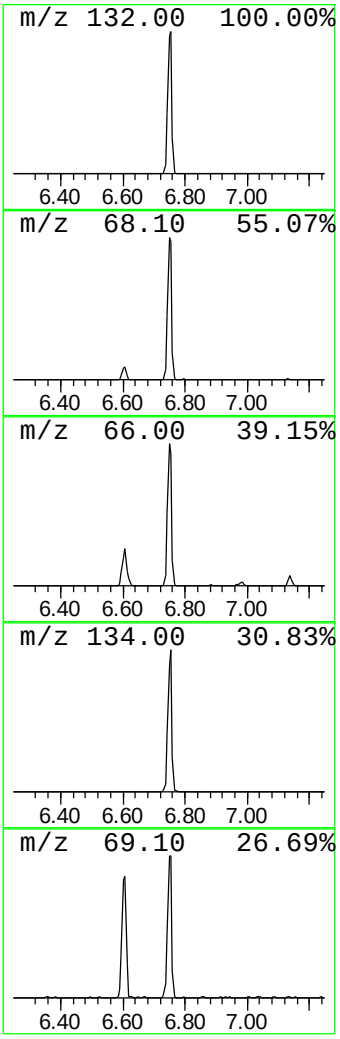
****

Peak Number 4 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	44.15 ng	1884870	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

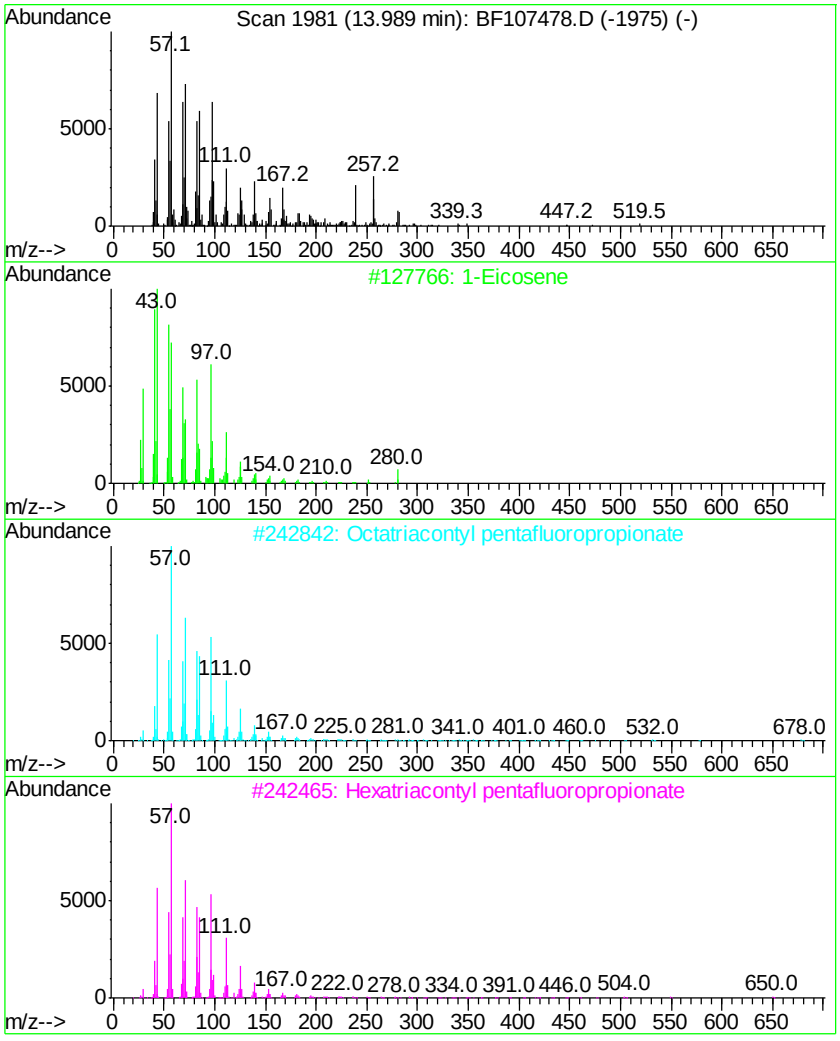
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

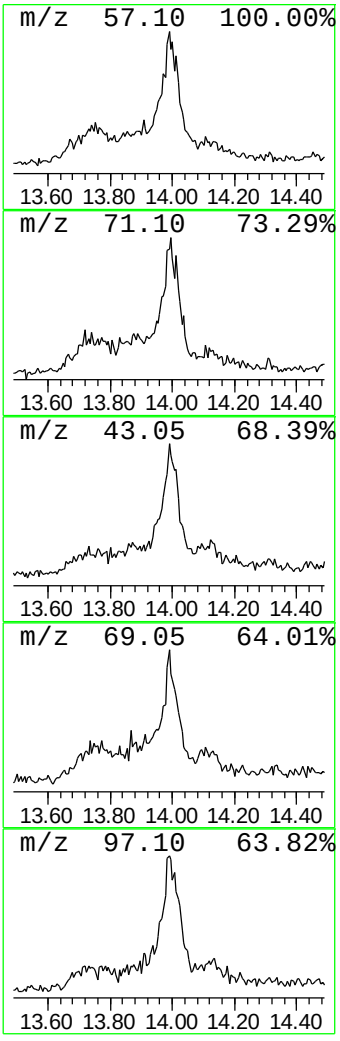
****

Peak Number 6 1-Eicosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	69.77 ng	3545700	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	78
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	70
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	70
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	64
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107478.D
Acq On : 18 Jul 2018 15:34
Operator : JU/SJ
Sample : J4019-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
n-Hexane	2.37	12.2	ng	521259	1	6.98	853780	20.0
Heptane	2.68	9.9	ng	422072	1	6.98	853780	20.0
unknown5.21	5.21	5.6	ng	238234	1	6.98	853780	20.0
unknown6.75	6.75	44.1	ng	1884870	1	6.98	853780	20.0
1-Eicosene	13.99	69.8	ng	3545700	5	14.17	1016390	20.0