LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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_M\METHODS\8270-BM043019.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	5.358	396	403	419	rBV	1548108	2314178	26.07%	2.410%
2	6.946	665	673	688	rBV	1586066	2603179	29.33%	2.710%
3	7.304	726	734	743	rBV	1705571	2744478	30.92%	2.858%
4	7.775	807	814	818	rBV	431109	690313	7.78%	0.719%
5	7.828	818	823	855	rVB	466297	1009038	11.37%	1.051%
6	8.093	861	868	878	rVB	1323494	2145610	24.17%	2.234%
7	8.940	1004	1012	1027	rBV	1006949	1779675	20.05%	1.853%
8	10.510	1273	1279	1283	rBV2	197774	309388	3.49%	0.322%
9	10.569	1283	1289	1295	rVB	537669	906882	10.22%	0.944%
10	10.698	1305	1311	1316	rVB	138443	243311	2.74%	0.253%
11	11.457	1435	1440	1448	rBV7	107096	217267	2.45%	0.226%
12	11.563	1453	1458	1462	rBV	286377	428460	4.83%	0.446%
13	11.969	1521	1527	1532	rBV2	579319	918001	10.34%	0.956%
14	12.187	1556	1564	1571	rVB6	168739	426998	4.81%	0.445%
15	12.481	1610	1614	1619	rVB	308518	456879	5.15%	0.476%
16	12.604	1630	1635	1639	rBV5	240587	366516	4.13%	0.382%
17	12.669	1639	1646	1650	rVV7	100000	248924	2.80%	0.259%
18	12.786	1663	1666	1671	rVB3	292519	374166	4.22%	0.390%
19	12.875	1678	1681	1685	rBV	176273	283344	3.19%	0.295%
20	12.928	1686	1690	1694	rVV	530637	738104	8.32%	0.769%
21	13.039	1703	1709	1717	rBV	2806000	4230443	47.66%	4.405%
22	13.222	1730	1740	1747	rBV	1249521	2209834	24.90%	2.301%
23	13.310	1748	1755	1757	rBV4	239635	448186	5.05%	0.467%
24	13.351	1758	1762	1766	rVB3	386938	597501	6.73%	0.622%
25	13.457	1777	1780	1784	rVB2	153821	180443	2.03%	0.188%
26	13.569	1796	1799	1802	rVB2	238829	274593	3.09%	0.286%
27	13.610	1802	1806	1810	rBV4	198525	333060	3.75%	0.347%
28	13.686	1815	1819	1825	rBV6	261766	538650	6.07%	0.561%
29	13.881	1846	1852	1856	rVB3	1403445	2230442	25.13%	2.322%
30	13.922	1856	1859	1865	rVB2	730852	1127925	12.71%	1.174%
31	13.992	1865	1871	1877	rVB4	619116	1221775	13.76%	1.272%
32	14.057	1878	1882	1886	rBV5	321693	512222	5.77%	0.533%
33	14.145	1893	1897	1901	rBV5	199320	436114	4.91%	0.454%
34	14.233	1909	1912	1919	rBV5	233548	444043	5.00%	0.462%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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_M\METHODS\8270-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.298	1919	1923	1931	rVB	2060080	2886855	32.52%	3.006%
36	14.369	1931	1935	1939	rBV4	417020	773419	8.71%	0.805%
37	14.422	1939	1944	1949	rVB2	988166	1589185	17.90%	1.655%
38	14.739	1995	1998	2000	rBV3	278133	371473	4.18%	0.387%
39	14.922	2026	2029	2034	rVB4	668788	1050121	11.83%	1.093%
40	15.033	2044	2048	2050	rBV2	379142	574129	6.47%	0.598%
41	15.139	2063	2066	2072	rVB4	319611	544800	6.14%	0.567%
42	15.257	2081	2086	2090	rVB	2407335	3053660	34.40%	3.179%
43	15.304	2091	2094	2099	rVV3	266317	452889	5.10%	0.472%
44	15.357	2100	2103	2113	rVB7	320834	780196	8.79%	0.812%
45	15.657	2147	2154	2159	rBV	1238878	2465301	27.77%	2.567%
46	15.810	2177	2180	2186	rBV2	316684	601643	6.78%	0.626%
47	15.874	2187	2191	2194	rBV2	618712	795105	8.96%	0.828%
48	15.916	2194	2198	2204	rVB	2130812	2879540	32.44%	2.998%
49	16.122	2228	2233	2241	rBV2	2756356	6235720	70.25%	6.493%
50	16.457	2286	2290	2293	rBV3	436864	674155	7.59%	0.702%
51	16.522	2298	2301	2306	rVB5	536079	836161	9.42%	0.871%
52	16.574	2307	2310	2313	rBV3	288149	344265	3.88%	0.358%
53	16.727	2333	2336	2339	rBV2	260032	281066	3.17%	0.293%
54	16.910	2363	2367	2371	rBV	2514156	2933848	33.05%	3.055%
55	16.957	2371	2375	2379	rVB	1532864	2226289	25.08%	2.318%
56	17.169	2407	2411	2415	rBV	1087218	1441737	16.24%	1.501%
57	17.380	2444	2447	2450	rVB2	318326	318532	3.59%	0.332%
58	17.451	2455	2459	2464	rVB3	406169	615298	6.93%	0.641%
59	17.569	2475	2479	2483	rBV3	469690	752429	8.48%	0.783%
60	17.645	2488	2492	2498	rVB	2155520	2693468	30.34%	2.804%
61	17.927	2537	2540	2549	rVB3	377594	788124	8.88%	0.821%
62	18.086	2565	2567	2572	rVB2	307868	375981	4.24%	0.391%
63	18.339	2606	2610	2615	rBV	1887707	2374931	26.76%	2.473%
64	18.980	2715	2719	2723	rBV	1761596	2142296	24.13%	2.231%
65	19.198	2753	2756	2760	rBV	714912	1090364	12.28%	1.135%
66	19.563	2815	2818	2821	rBV	1172204	1283417	14.46%	1.336%
67	19.798	2854	2858	2866	rVB	5265448	6950280	78.30%	7.237%
68	22.186	3261	3264	3275	rVB	4337685	8876318	100.00%	9.242%

Sum of corrected areas: 96042937

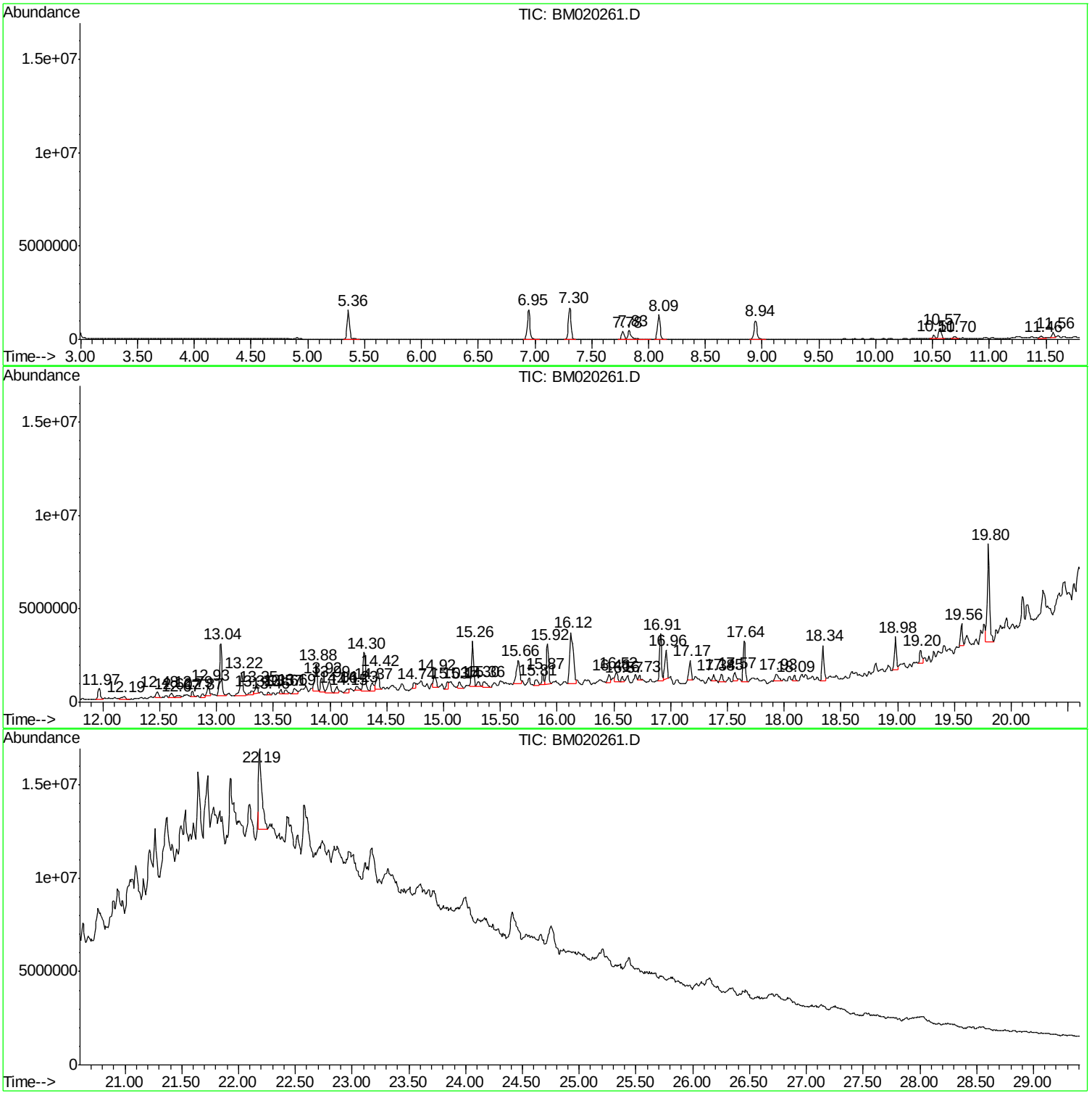
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

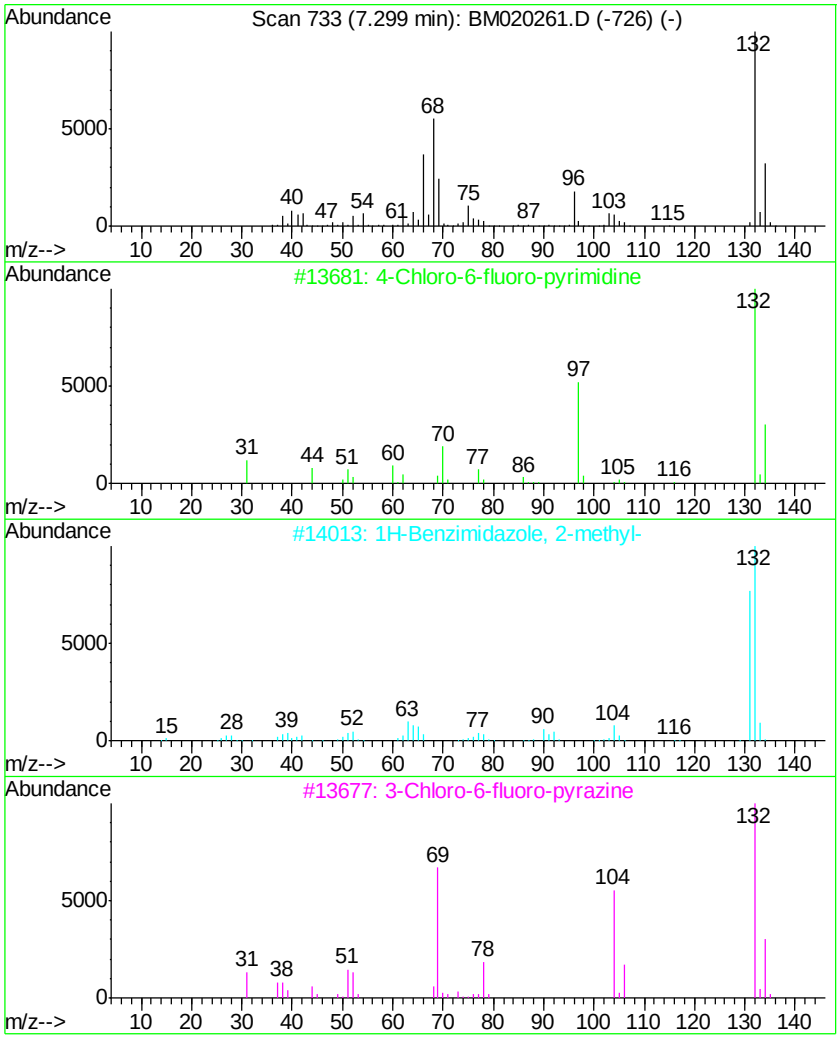
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

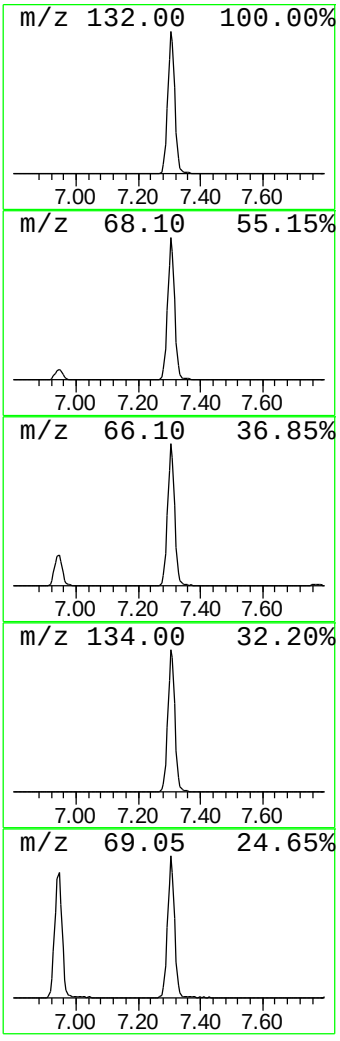
****

Peak Number 1 unknown7.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	79.51 ng	2744480	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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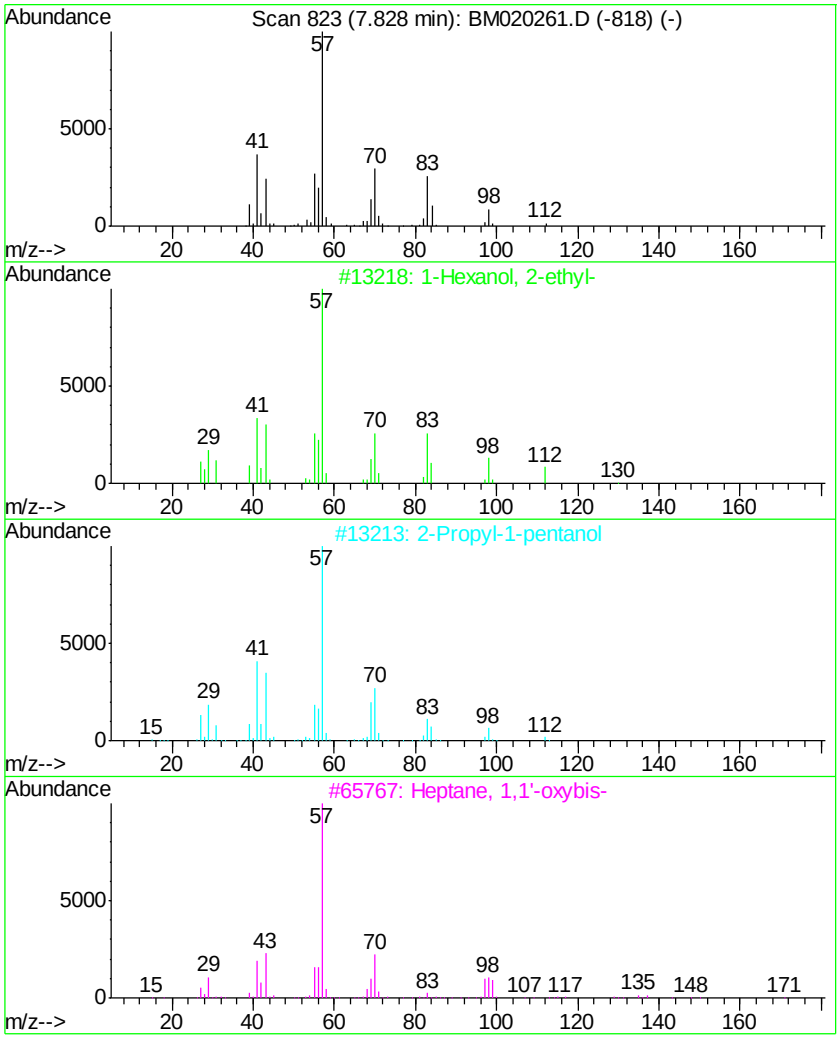
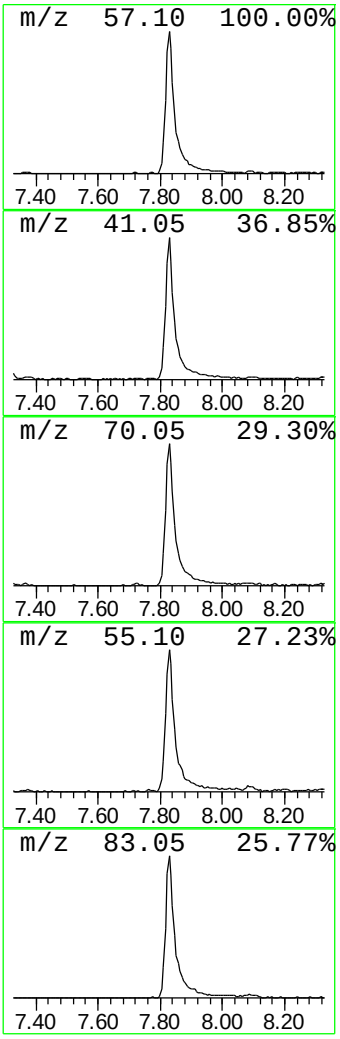
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	29.23 ng	1009040	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	45
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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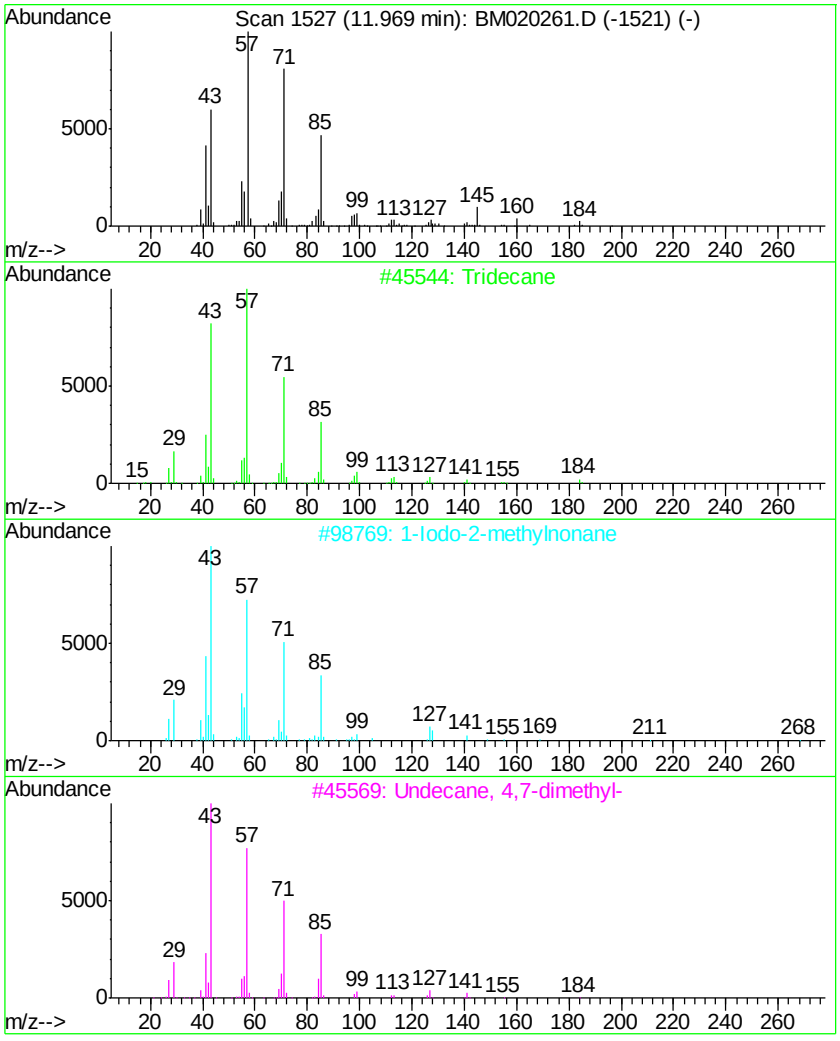
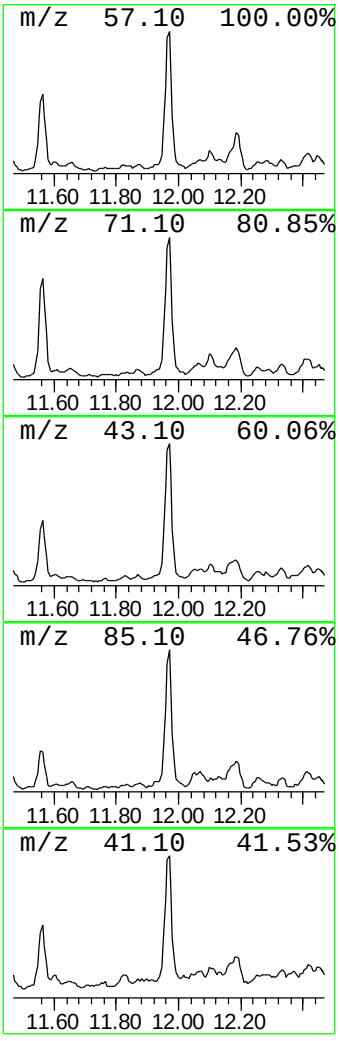
Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	20.25 ng	918001	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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Acq On : 11 May 2019 04:30
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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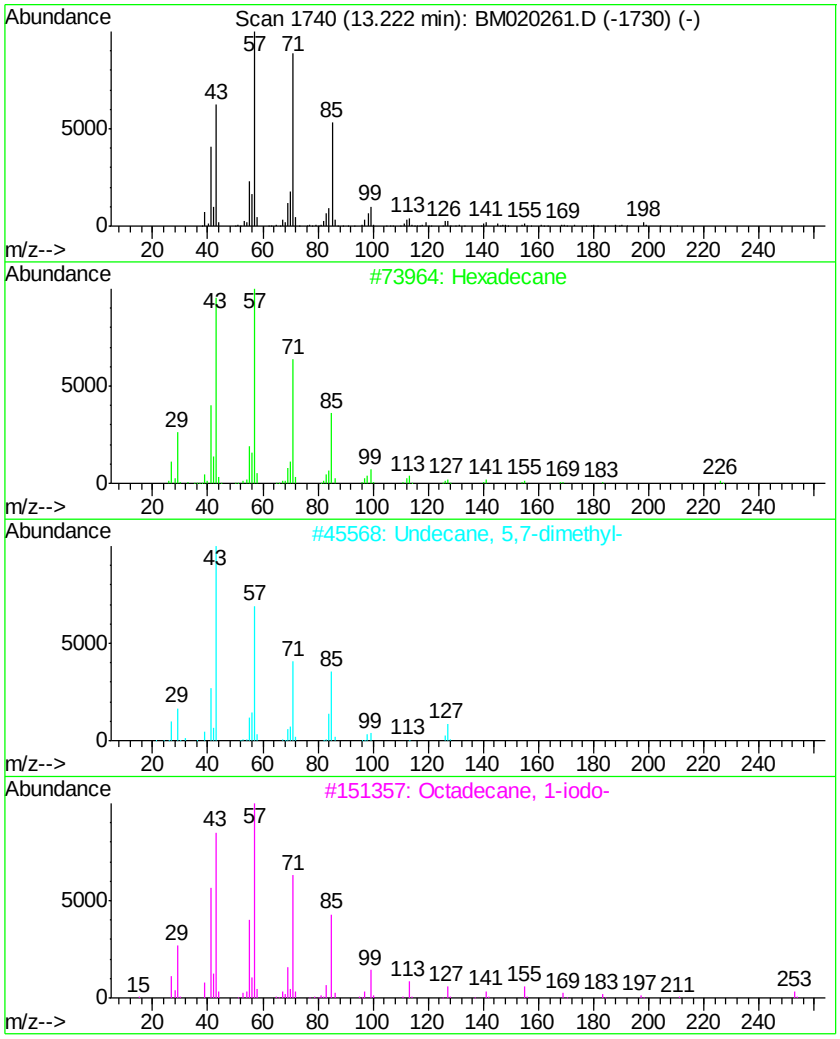
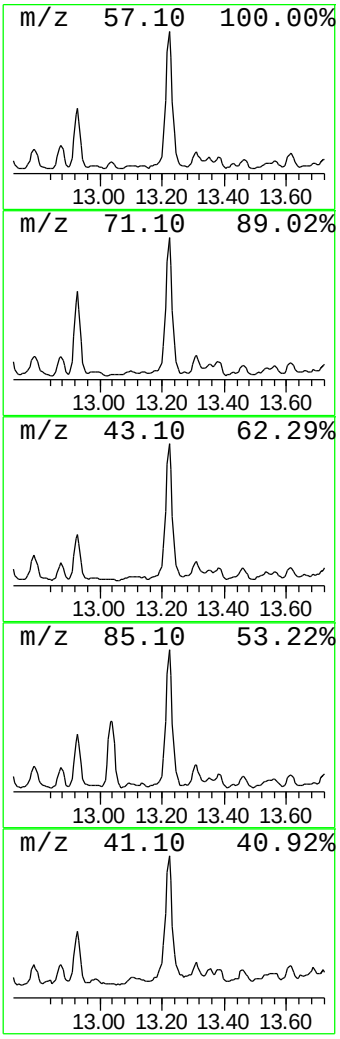
Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	27.81 ng	2209830	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	58





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Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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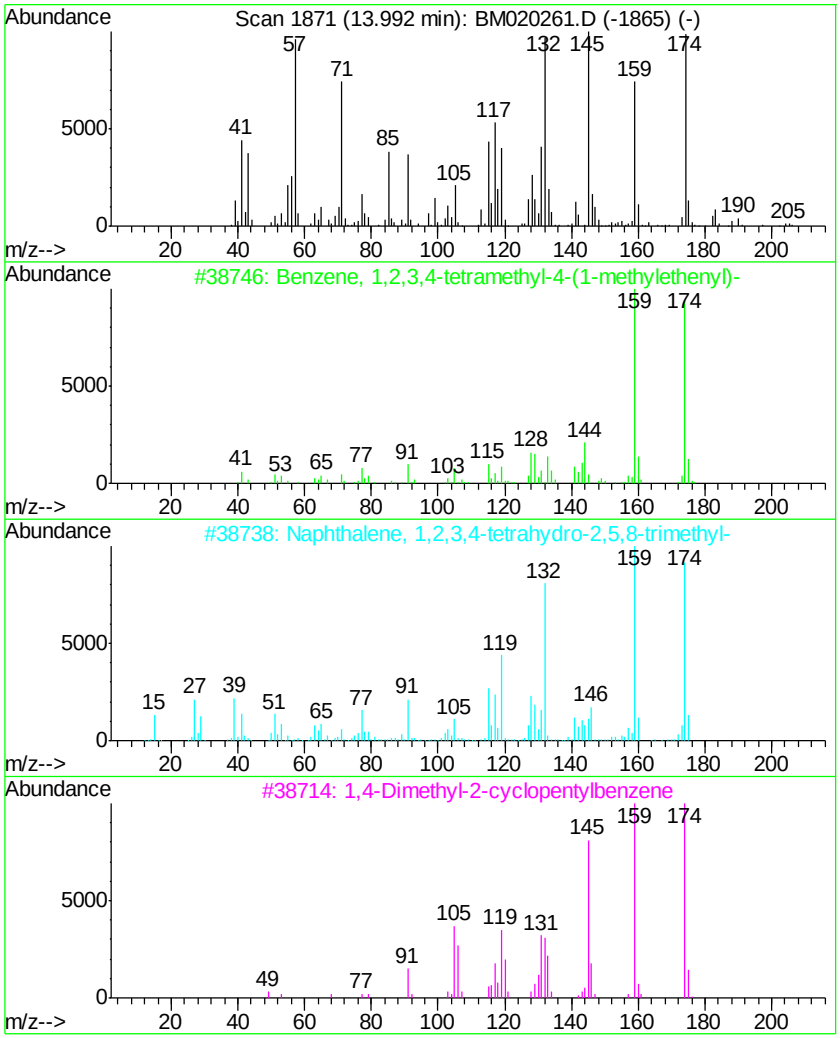
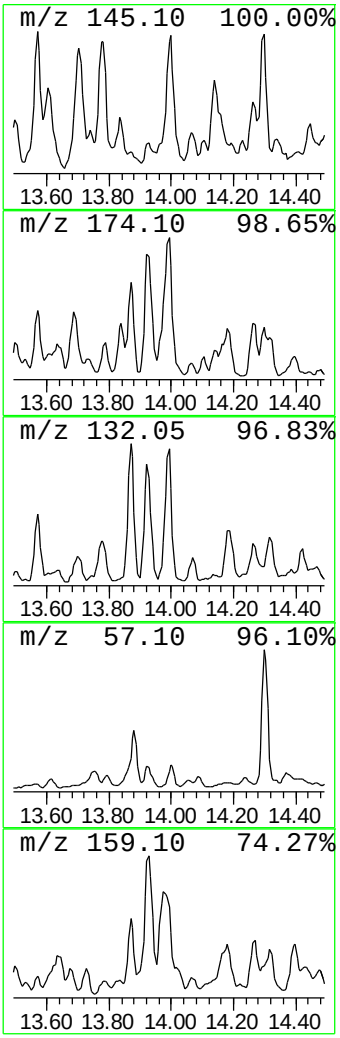
Peak Number 6 unknown13.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	15.38 ng	1221780	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	46
3	1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	38
4	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	38





Library Search Compound Report

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Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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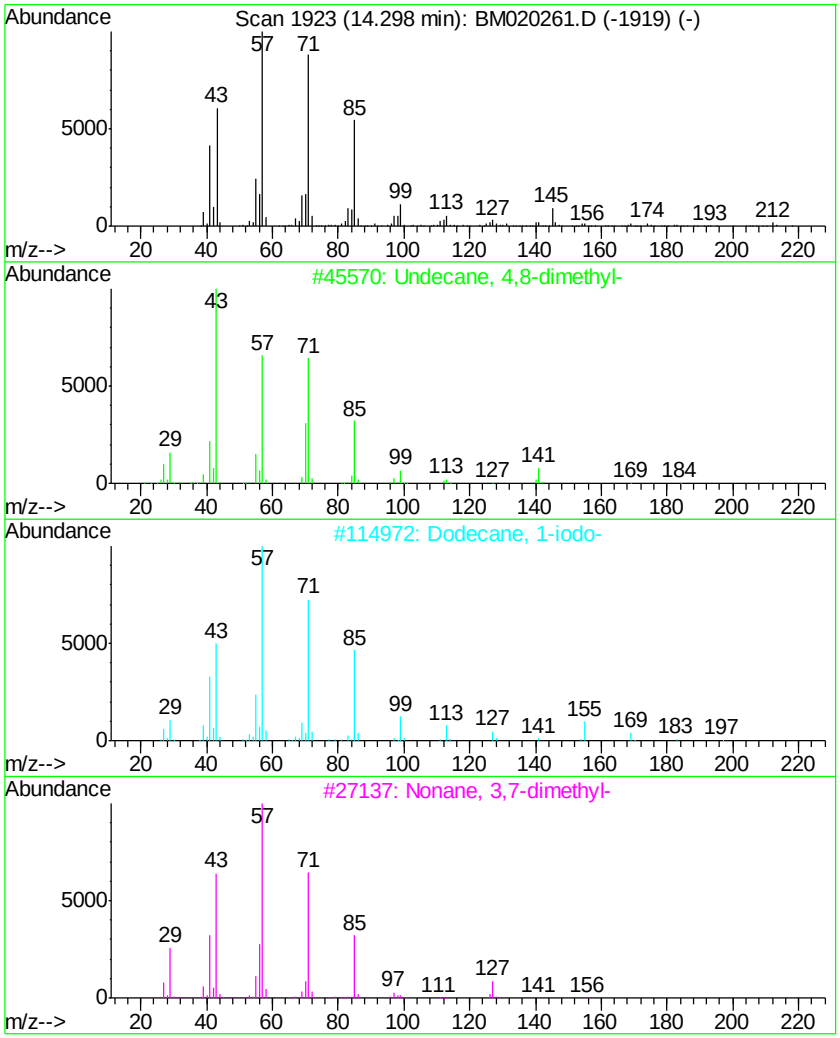
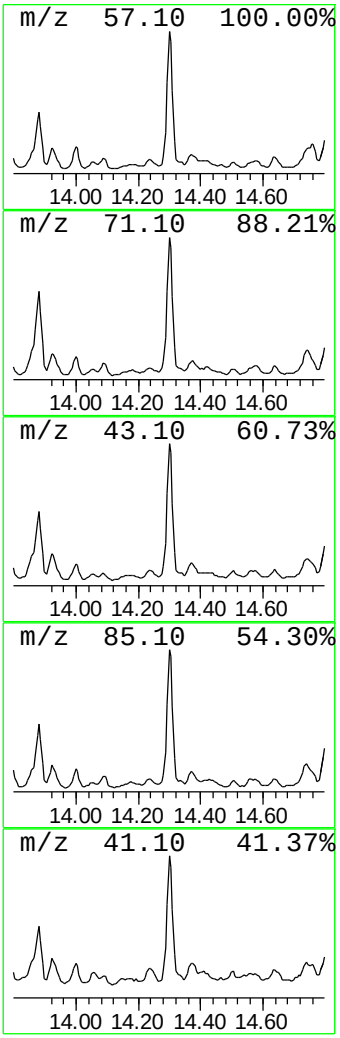
Peak Number 7 Undecane, 4,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	36.33 ng	2886860	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Pentadecane	212	C15H32	000629-62-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

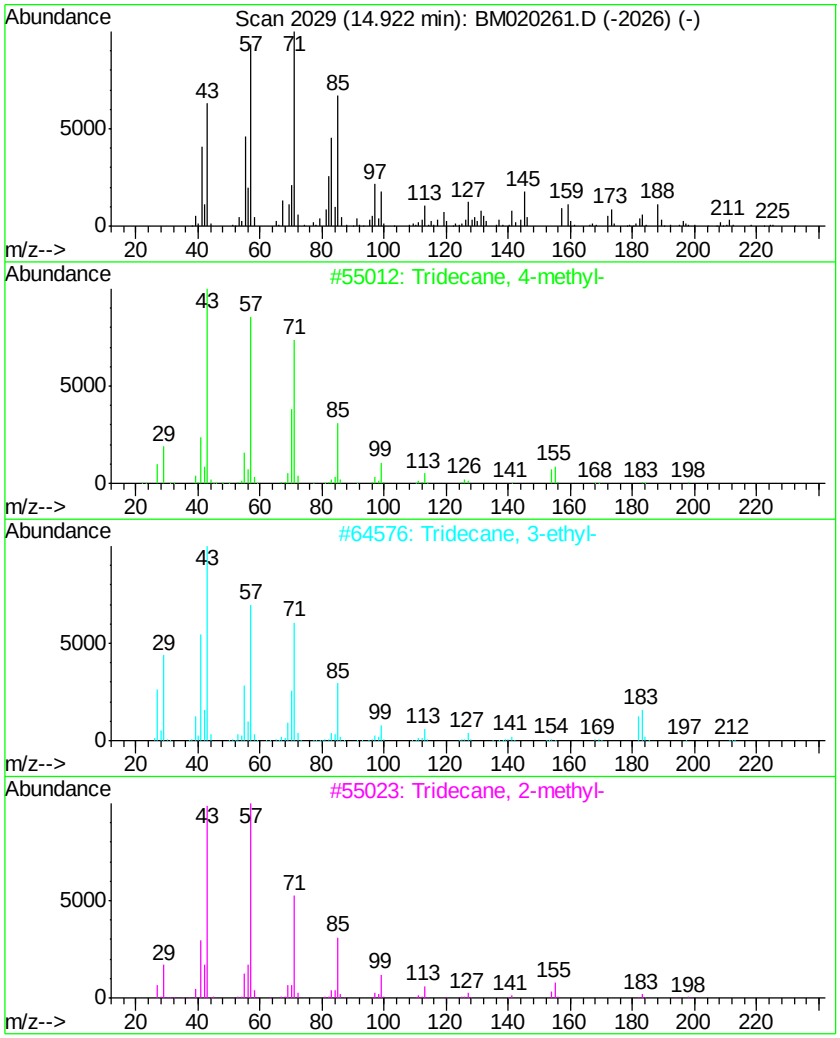
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

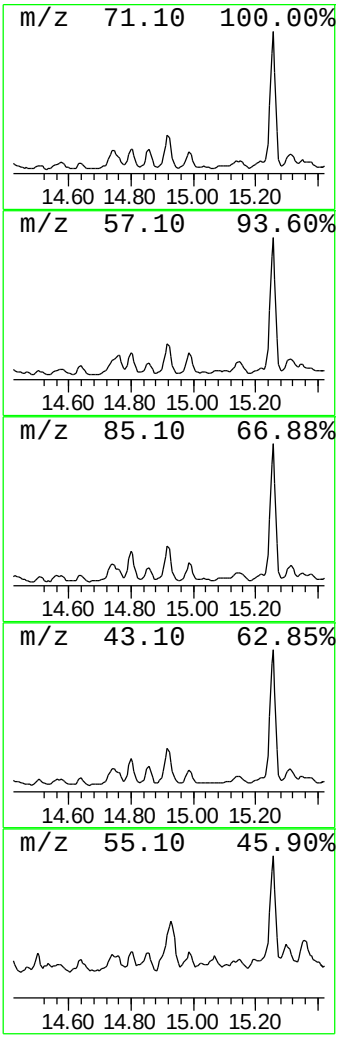
****

Peak Number 8 unknown14.92 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	13.22 ng	1050120	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	46
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	46
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	43
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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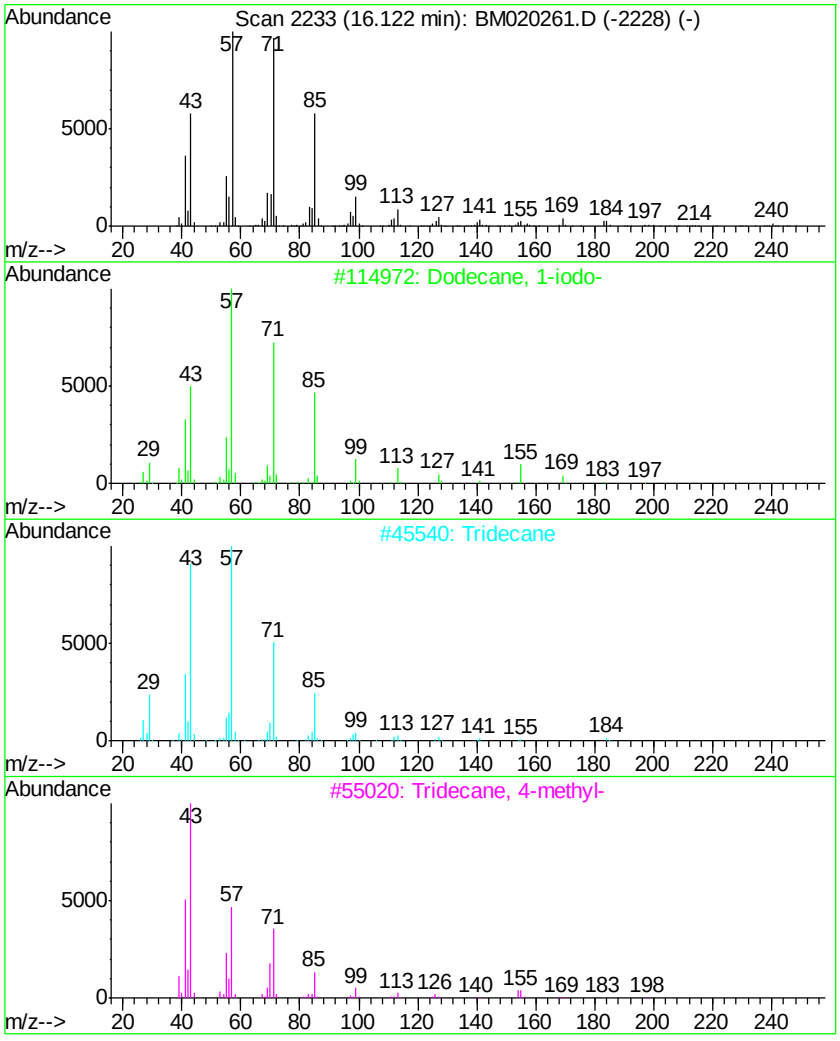
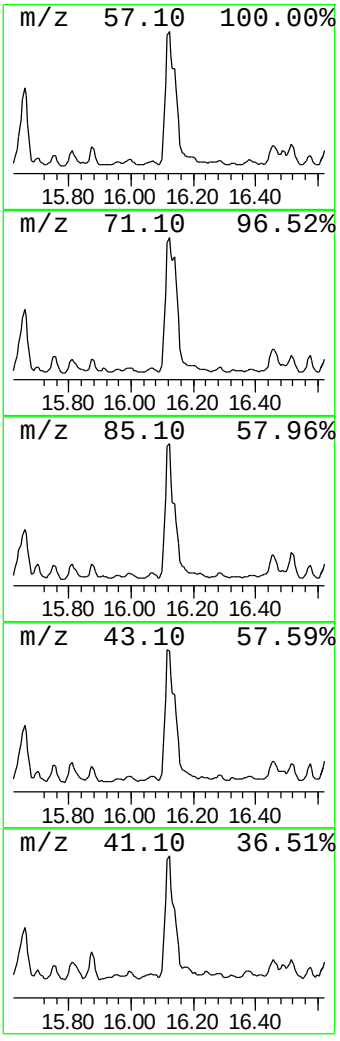
Peak Number 11 Dodecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	86.50 ng	6235720	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





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Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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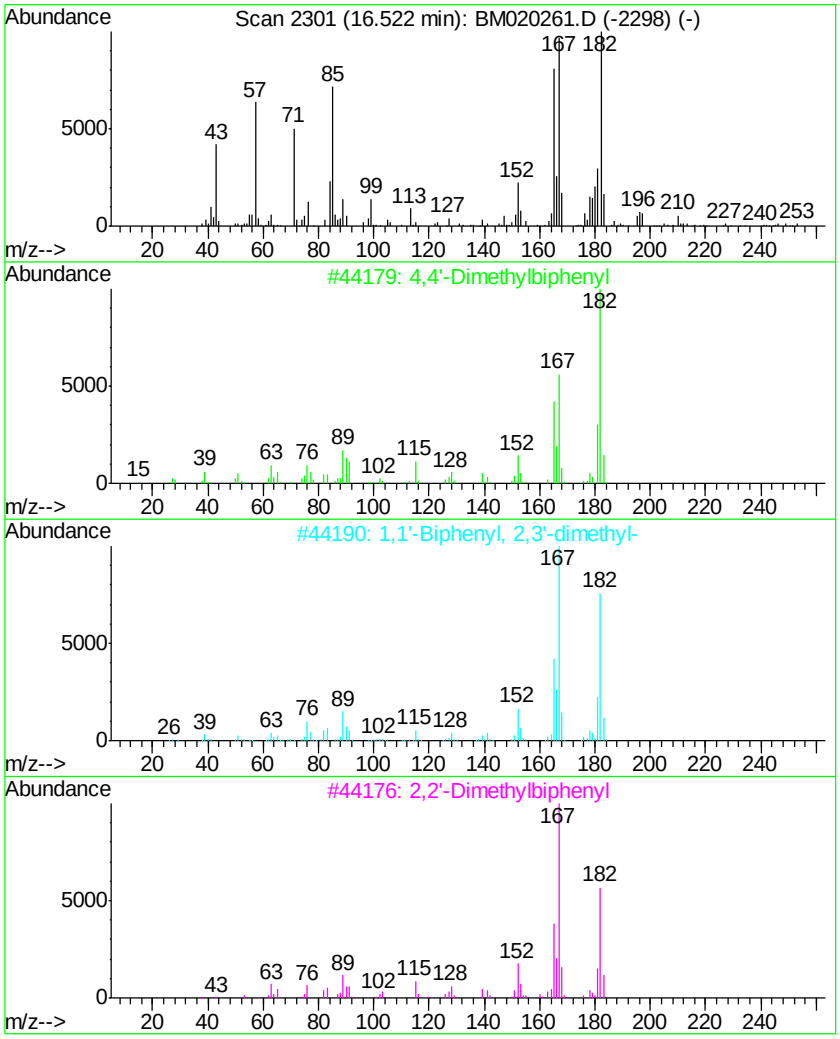
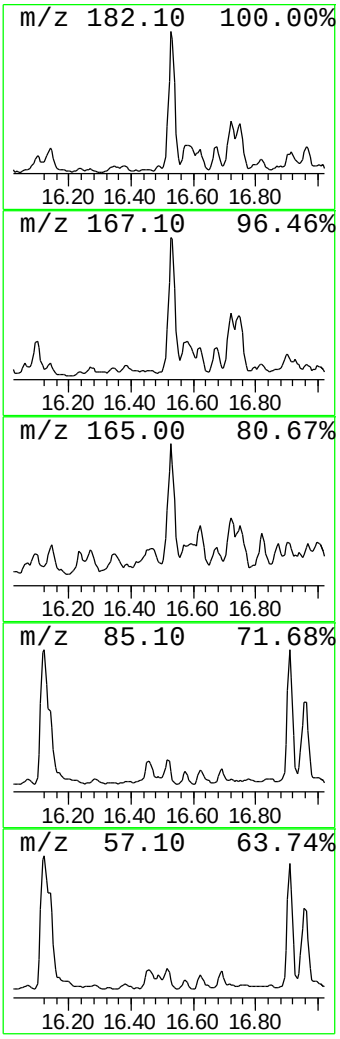
Peak Number 12 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	11.60 ng	836161	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	78
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	55





Library Search Compound Report

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Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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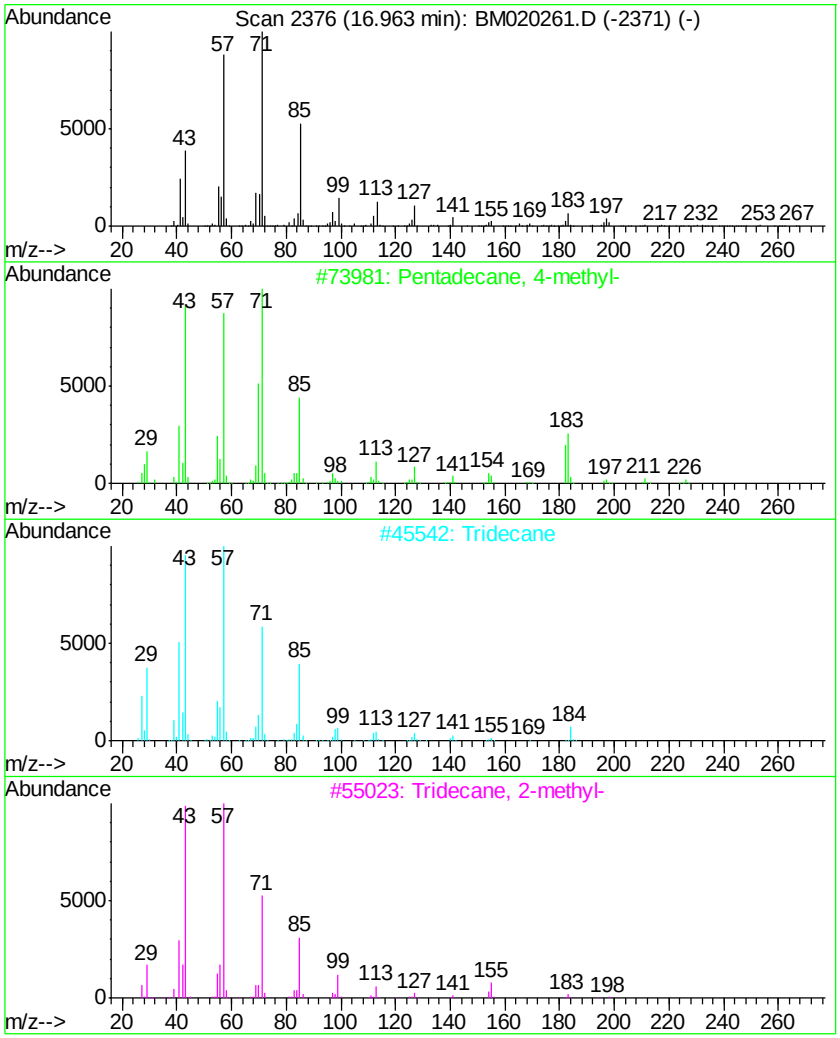
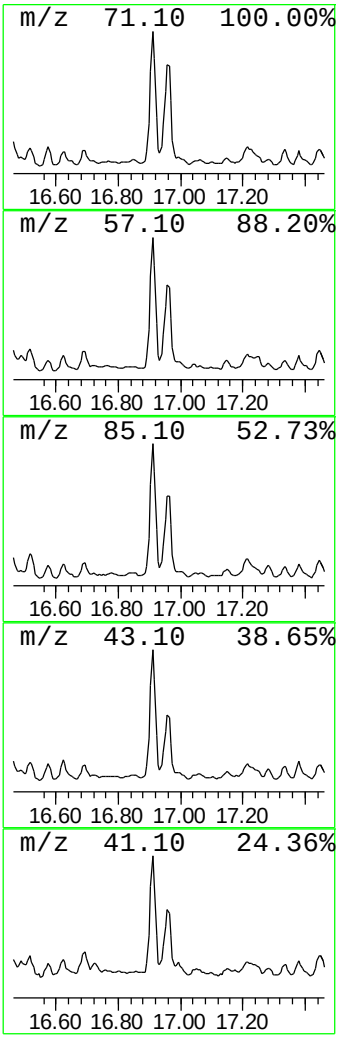
Peak Number 14 Pentadecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	30.88 ng	2226290	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020261.D
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Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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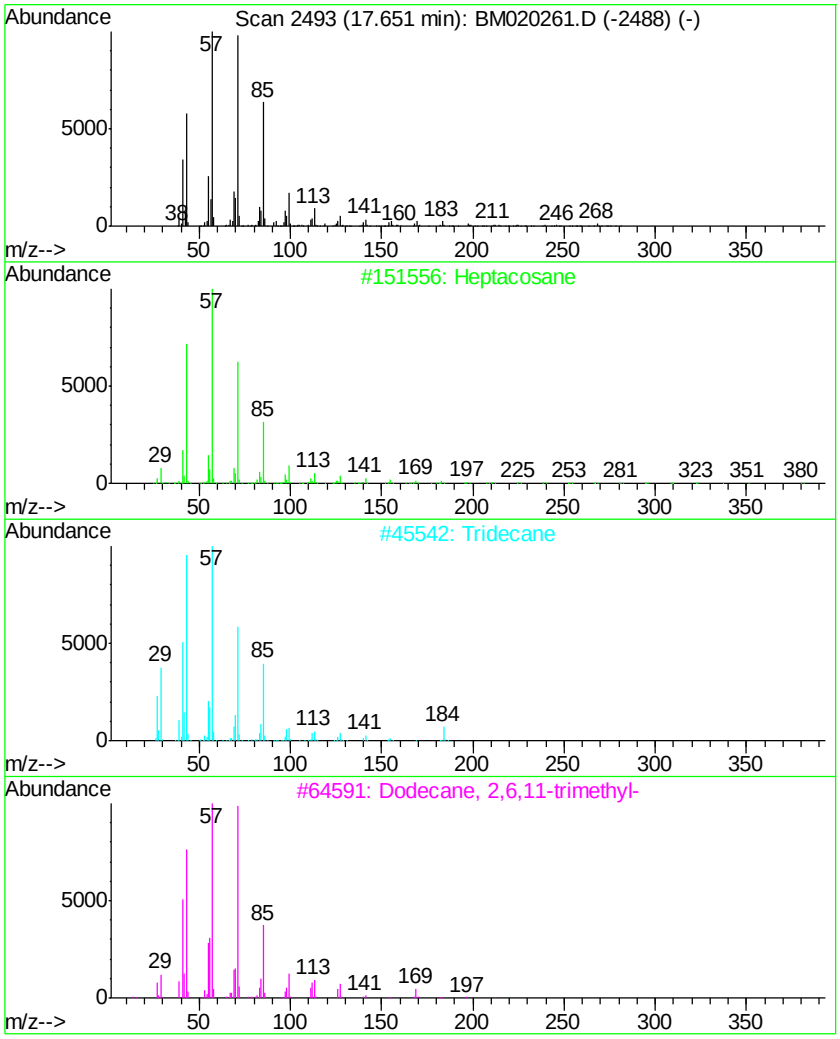
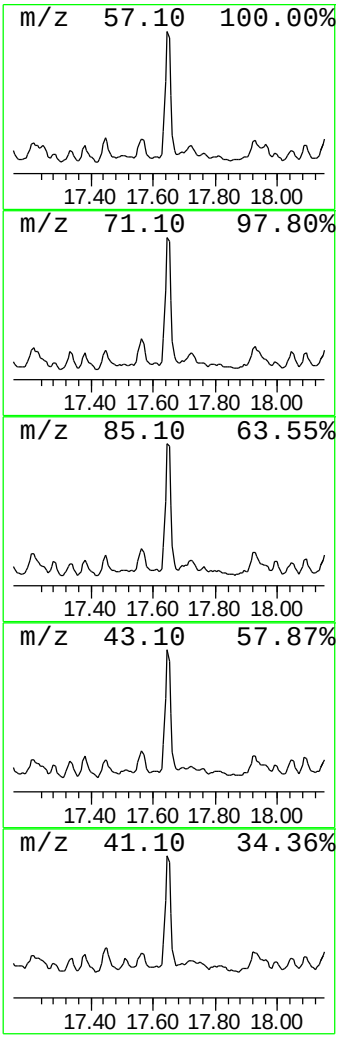
Peak Number 15 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	37.36 ng	2693470	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tridecane	184	C13H28	000629-50-5	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	62





Library Search Compound Report

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Data File : BM020261.D
Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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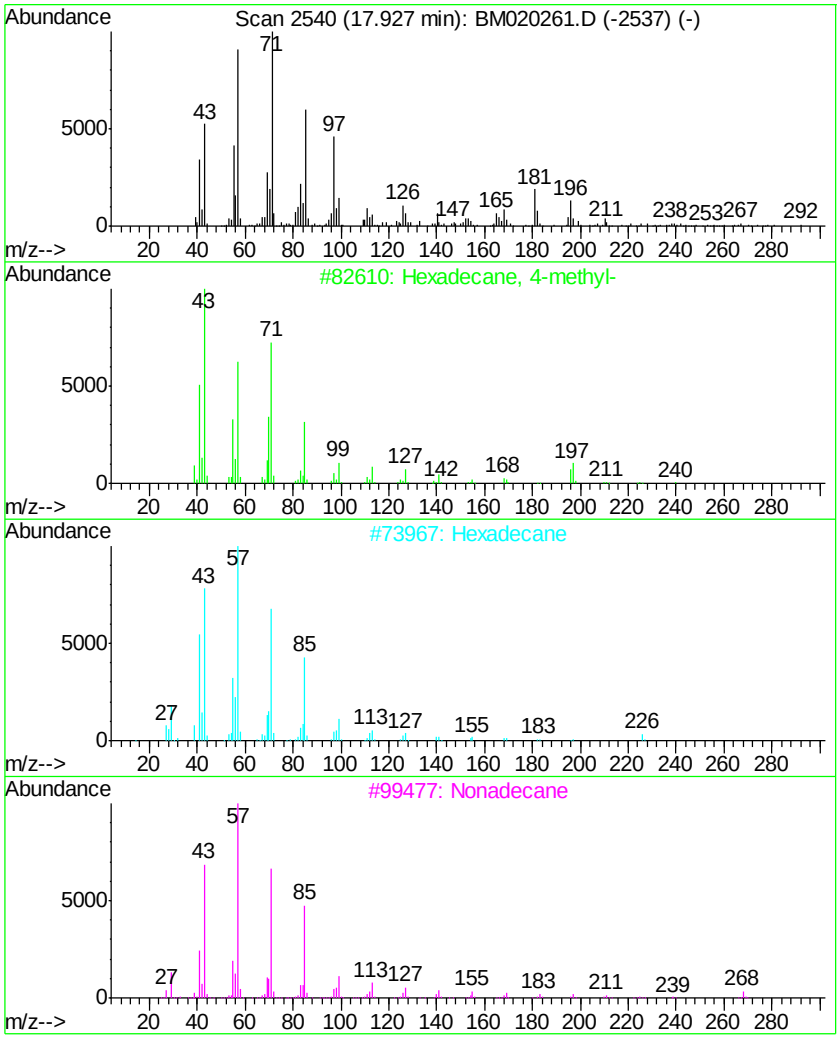
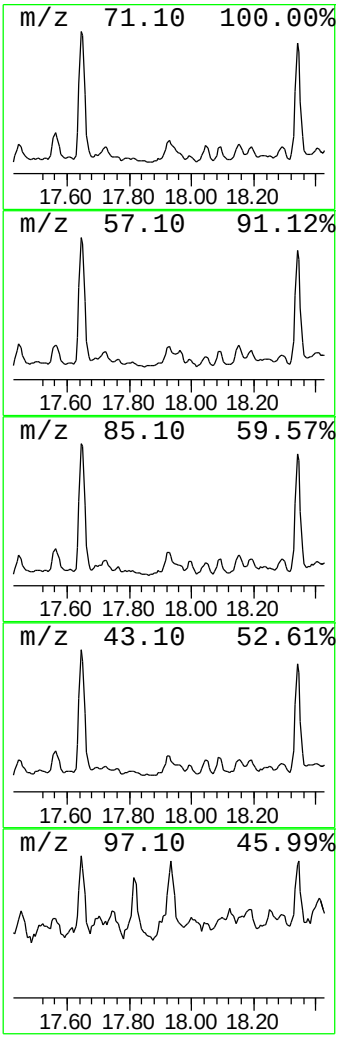
Peak Number 16 Hexadecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.93 ng	788124	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	58
2	Hexadecane	226	C16H34	000544-76-3	50
3	Nonadecane	268	C19H40	000629-92-5	50
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	46
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	44





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Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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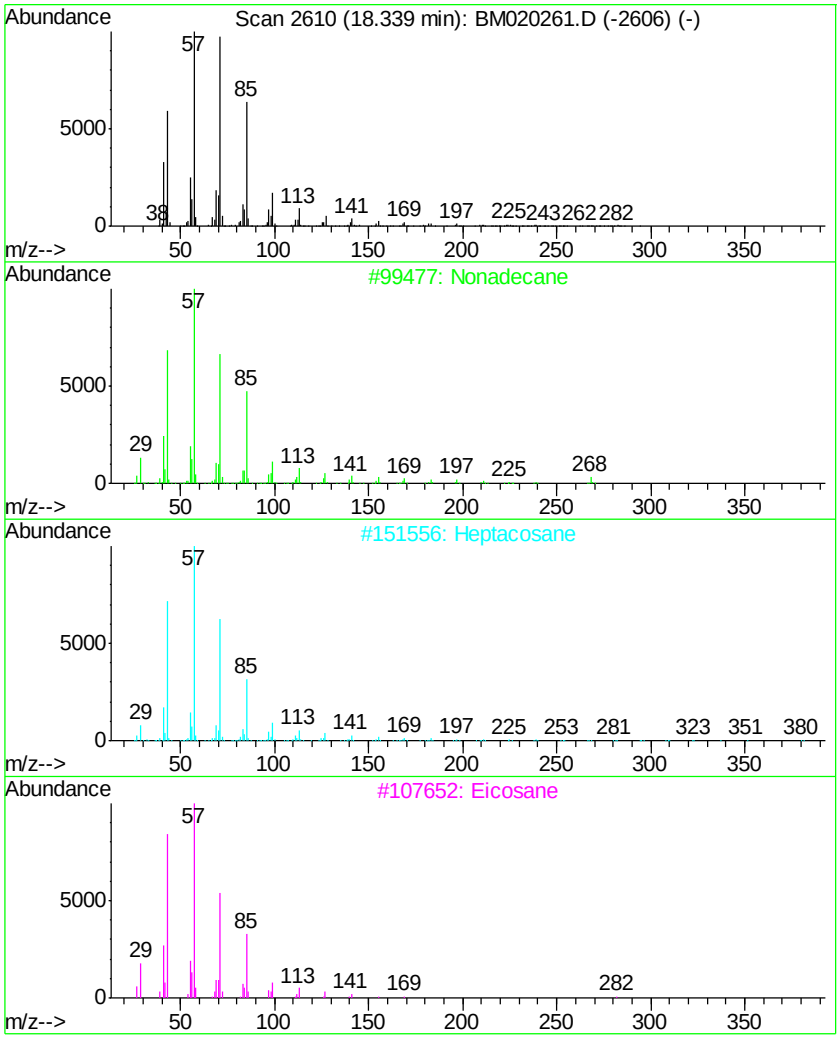
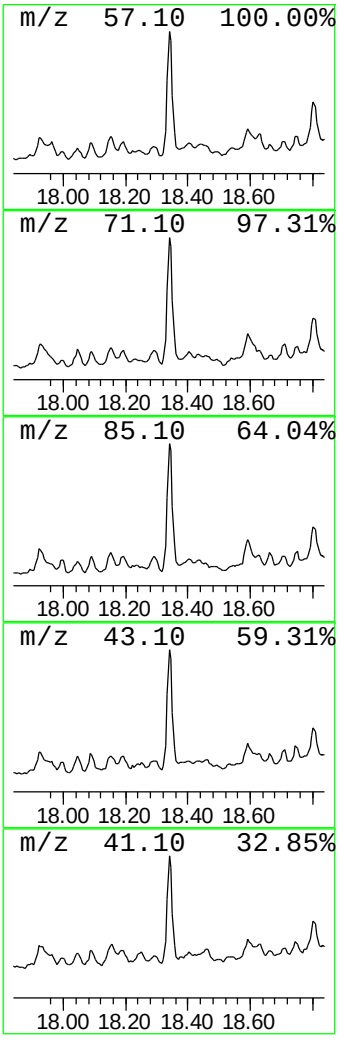
Peak Number 17 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	32.95 ng	2374930	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68





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Acq On : 11 May 2019 04:30
Operator : JU/SJ
Sample : K2770-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
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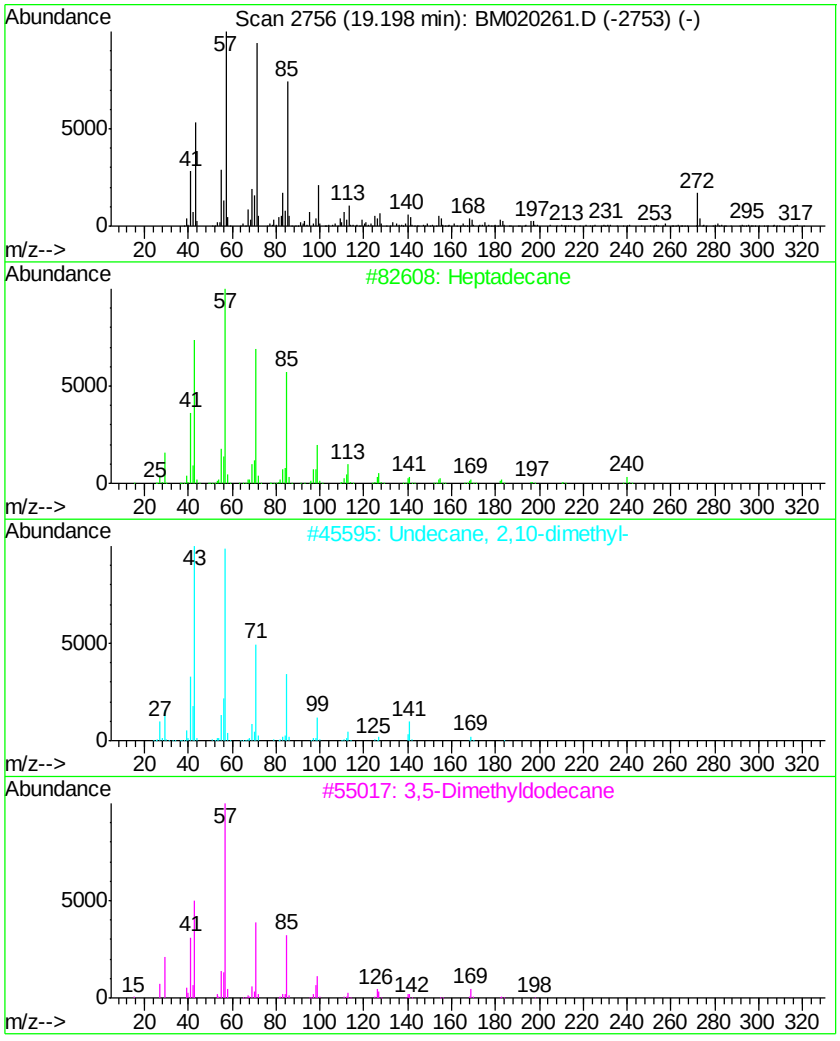
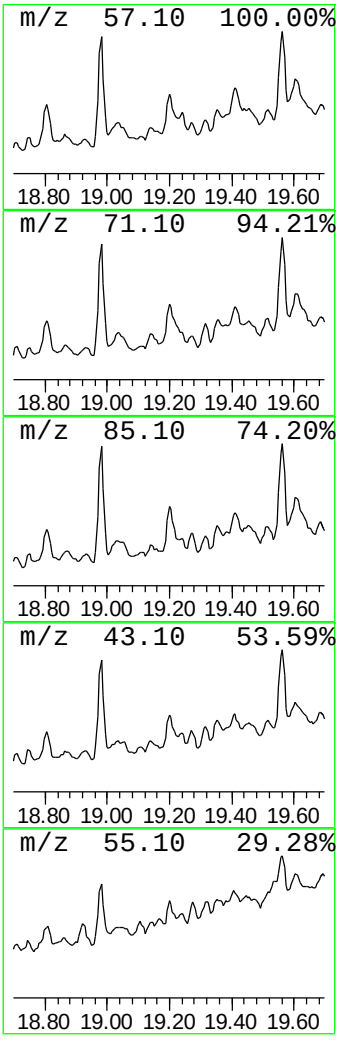
Peak Number 19 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	15.13 ng	1090360	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4	Octadecane	254	C18H38	000593-45-3	58
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49





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Misc :
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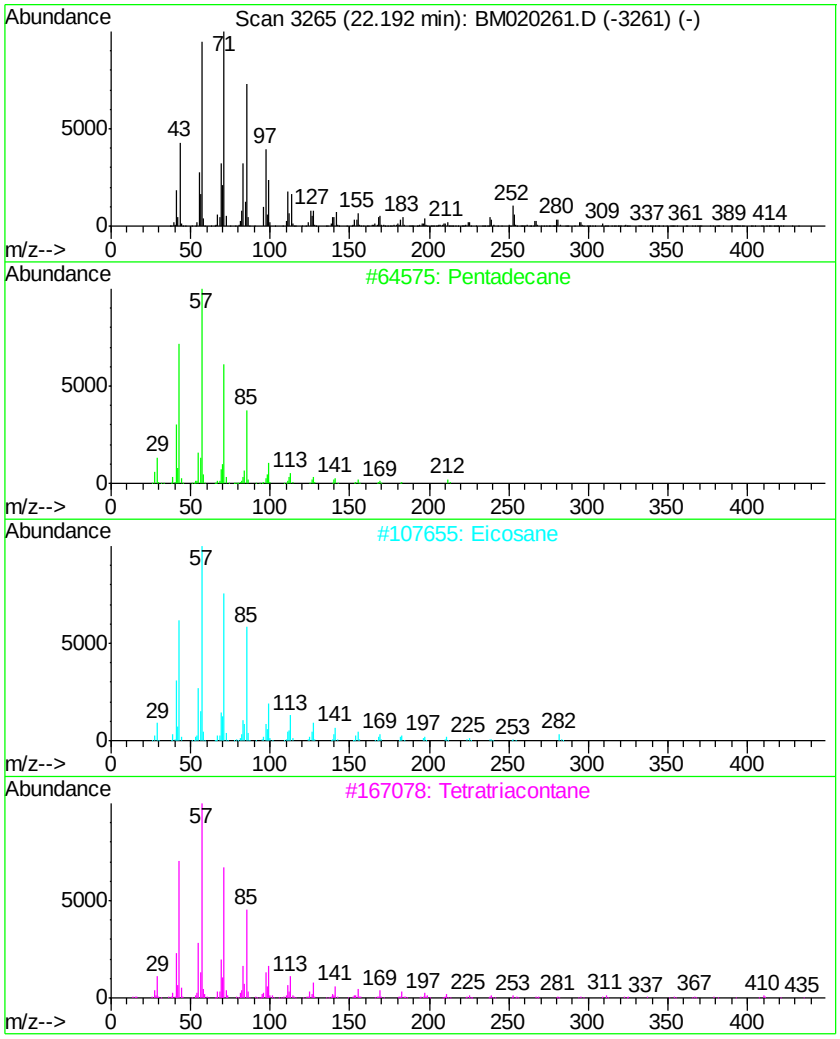
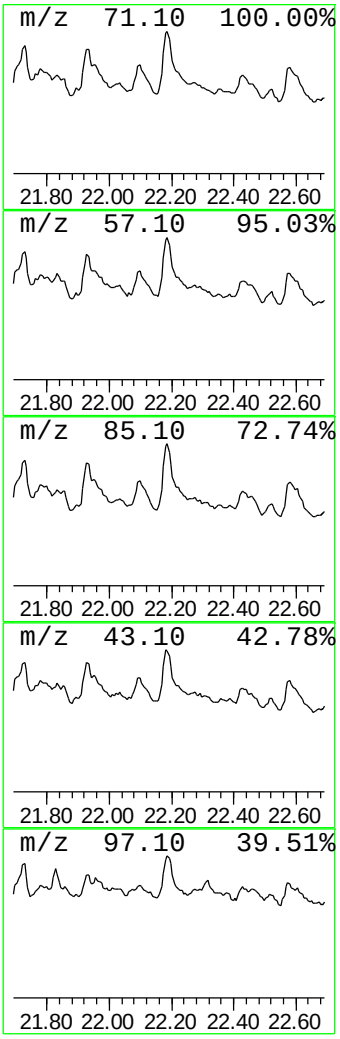
Peak Number 20 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	20.00 ng	8876320	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Eicosane	282	C20H42	000112-95-8	76
3	Tetratriacontane	479	C34H70	014167-59-0	72
4	Tetratetracontane	619	C44H90	007098-22-8	68
5	Heneicosane	296	C21H44	000629-94-7	68





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.30	7.30	79.5	ng	2744480	1	7.78	690313	20.0
1-Hexanol, 2-ethyl-	7.83	29.2	ng	1009040	1	7.78	690313	20.0
Tridecane	11.97	20.3	ng	918001	2	10.57	906882	20.0
Hexadecane	13.22	27.8	ng	2209830	3	14.42	1589190	20.0
unknown13.99	13.99	15.4	ng	1221780	3	14.42	1589190	20.0
Undecane, 4,8-dim...	14.30	36.3	ng	2886860	3	14.42	1589190	20.0
unknown14.92	14.92	13.2	ng	1050120	3	14.42	1589190	20.0
Dodecane, 1-iodo-	16.12	86.5	ng	6235720	4	17.17	1441740	20.0
4,4'-Dimethylbiph...	16.52	11.6	ng	836161	4	17.17	1441740	20.0
Pentadecane, 4-me...	16.96	30.9	ng	2226290	4	17.17	1441740	20.0
Heptacosane	17.65	37.4	ng	2693470	4	17.17	1441740	20.0
Hexadecane, 4-met...	17.93	10.9	ng	788124	4	17.17	1441740	20.0
Nonadecane	18.34	33.0	ng	2374930	4	17.17	1441740	20.0
Heptadecane	19.20	15.1	ng	1090360	4	17.17	1441740	20.0
Pentadecane	22.19	20.0	ng	8876320	5	21.36	8876320	20.0