LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.364	44	47	58	rVB	47350	64471	1.32%	0.141%
2	3.763	281	285	291	rVB	7850	12391	0.25%	0.027%
3	6.387	728	731	736	rBV2	383305	406048	8.30%	0.885%
4	6.434	736	739	748	rVB	1296829	1051691	21.50%	2.293%
5	6.522	750	754	758	rBV	1503225	1165198	23.82%	2.540%
6	6.752	790	793	802	rBV	1523826	1165119	23.82%	2.540%
7	6.822	802	805	811	rVB	5647	6675	0.14%	0.015%
8	7.134	855	858	873	rBV	1181818	896101	18.32%	1.954%
9	7.310	884	888	891	rBV	1642393	1223727	25.02%	2.668%
10	7.528	922	925	928	rBV	64475	49407	1.01%	0.108%
11	7.634	940	943	947	rBV	1217595	998226	20.41%	2.176%
12	7.881	982	985	999	rBV	1808546	1620079	33.12%	3.532%
13	8.034	1008	1011	1015	rVB	2047905	1586521	32.44%	3.459%
14	8.099	1018	1022	1032	rVB	125176	119451	2.44%	0.260%
15	8.581	1100	1104	1107	rBV	24642	23072	0.47%	0.050%
16	8.722	1124	1128	1132	rBV	28713	27950	0.57%	0.061%
17	8.840	1145	1148	1150	rBV	8591	6311	0.13%	0.014%
18	9.493	1255	1259	1261	rBV	2925880	2377198	48.60%	5.182%
19	9.510	1261	1262	1267	rVB	227034	143065	2.92%	0.312%
20	9.646	1281	1285	1288	rBV	3468083	3066327	62.69%	6.685%
21	9.798	1307	1311	1314	rBV	2568568	2029154	41.49%	4.424%
22	9.910	1326	1330	1339	rBV	195764	221961	4.54%	0.484%
23	10.004	1344	1346	1353	rVB7	9442	12516	0.26%	0.027%
24	10.134	1364	1368	1371	rBV2	9118	9577	0.20%	0.021%
25	10.181	1373	1376	1380	rVV	316891	232960	4.76%	0.508%
26	10.322	1396	1400	1403	rBV	4424032	3742580	76.52%	8.159%
27	10.387	1408	1411	1419	rBV	1011712	881282	18.02%	1.921%
28	10.445	1419	1421	1431	rVB	58189	60565	1.24%	0.132%
29	10.745	1469	1472	1478	rVB	20318	17726	0.36%	0.039%
30	11.110	1531	1534	1537	rVB2	9610	8072	0.17%	0.018%
31	11.169	1540	1544	1549	rBV	11275	13795	0.28%	0.030%
32	11.293	1561	1565	1569	rBV	2773451	2225519	45.50%	4.852%
33	11.351	1571	1575	1578	rBV	5132341	4238777	86.66%	9.241%
34	11.510	1599	1602	1613	rVB2	5256	9062	0.19%	0.020%

LSC Area Percent Report

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Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	11.687	1630	1632	1637	rBV5	8505	8951	0.18%	0.020%
36	11.834	1654	1657	1661	rBV	46349	48698	1.00%	0.106%
37	12.016	1685	1688	1693	rBV7	3278	5722	0.12%	0.012%
38	12.104	1701	1703	1709	rVB4	4996	6138	0.13%	0.013%
39	12.498	1767	1770	1776	rBV	58651	47965	0.98%	0.105%
40	12.628	1789	1792	1794	rBV2	7998	7845	0.16%	0.017%
41	12.657	1794	1797	1803	rVB	48437	42358	0.87%	0.092%
42	12.734	1806	1810	1813	rBV	5649751	4891178	100.00%	10.663%
43	13.145	1877	1880	1883	rBV2	6366	5991	0.12%	0.013%
44	13.492	1936	1939	1941	rBV	9648	8065	0.16%	0.018%
45	13.545	1946	1948	1954	rVB3	4106	5718	0.12%	0.012%
46	13.828	1989	1996	2012	rBV3	147686	355532	7.27%	0.775%
47	13.963	2015	2019	2023	rBV	2487362	2253637	46.08%	4.913%
48	14.145	2047	2050	2054	rBV	77512	69017	1.41%	0.150%
49	14.457	2099	2103	2105	rBV	139446	141925	2.90%	0.309%
50	14.763	2151	2155	2161	rBV	219460	213579	4.37%	0.466%
51	14.963	2186	2189	2195	rBV	55300	59149	1.21%	0.129%
52	15.104	2209	2213	2220	rBV	245829	279829	5.72%	0.610%
53	15.351	2249	2255	2265	rBV	3844494	4612088	94.29%	10.055%
54	15.439	2265	2270	2274	rVV	1891234	2230410	45.60%	4.862%
55	15.486	2274	2278	2287	rVB	233956	313264	6.40%	0.683%
56	15.922	2347	2352	2359	rBV	157290	255694	5.23%	0.557%
57	15.998	2362	2365	2371	rVB3	21531	33823	0.69%	0.074%
58	16.433	2434	2439	2452	rVB	93835	179669	3.67%	0.392%
59	17.028	2535	2540	2550	rVB2	38799	81948	1.68%	0.179%

Sum of corrected areas: 45870767

LSC Report - Integrated Chromatogram

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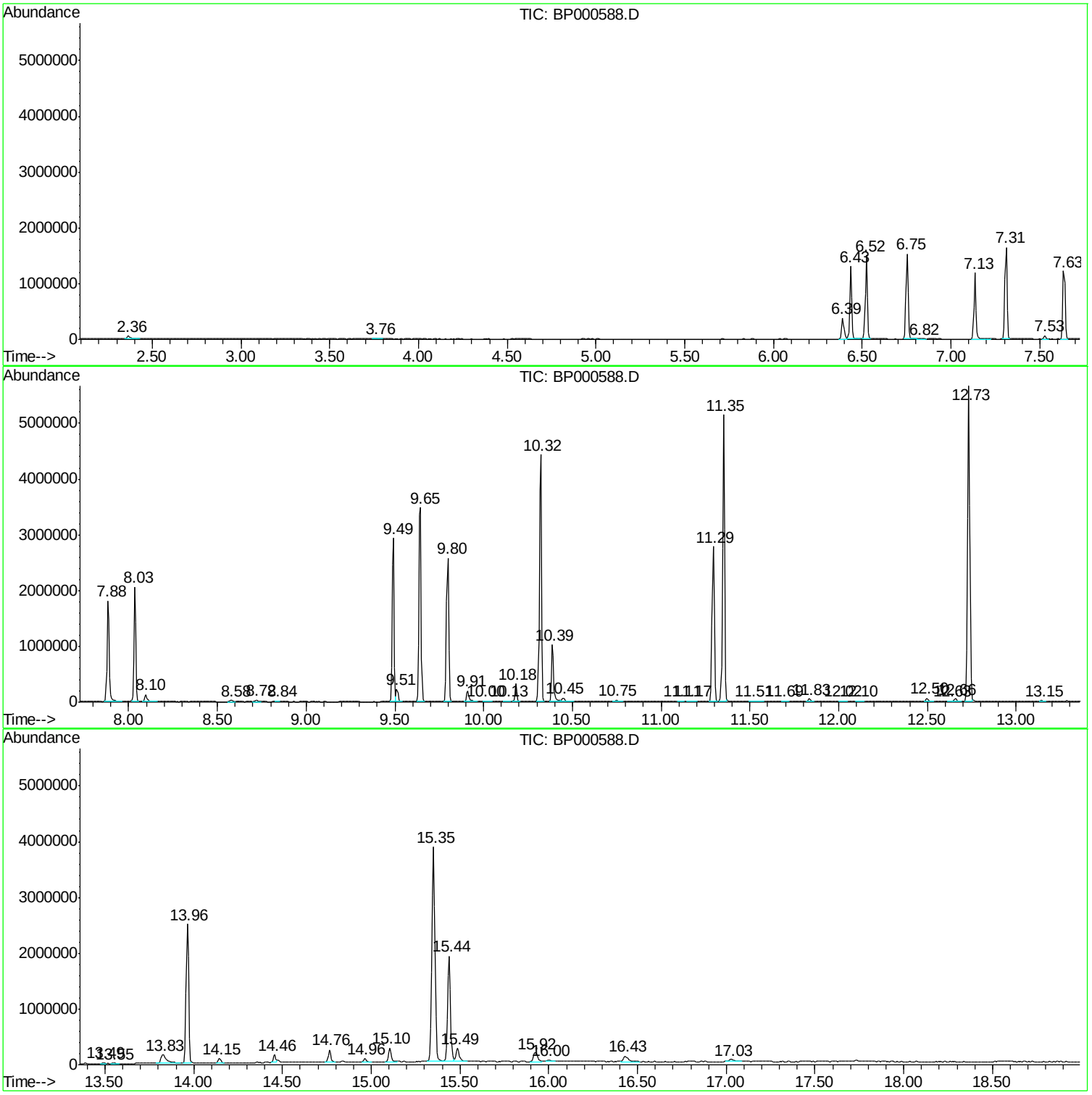
Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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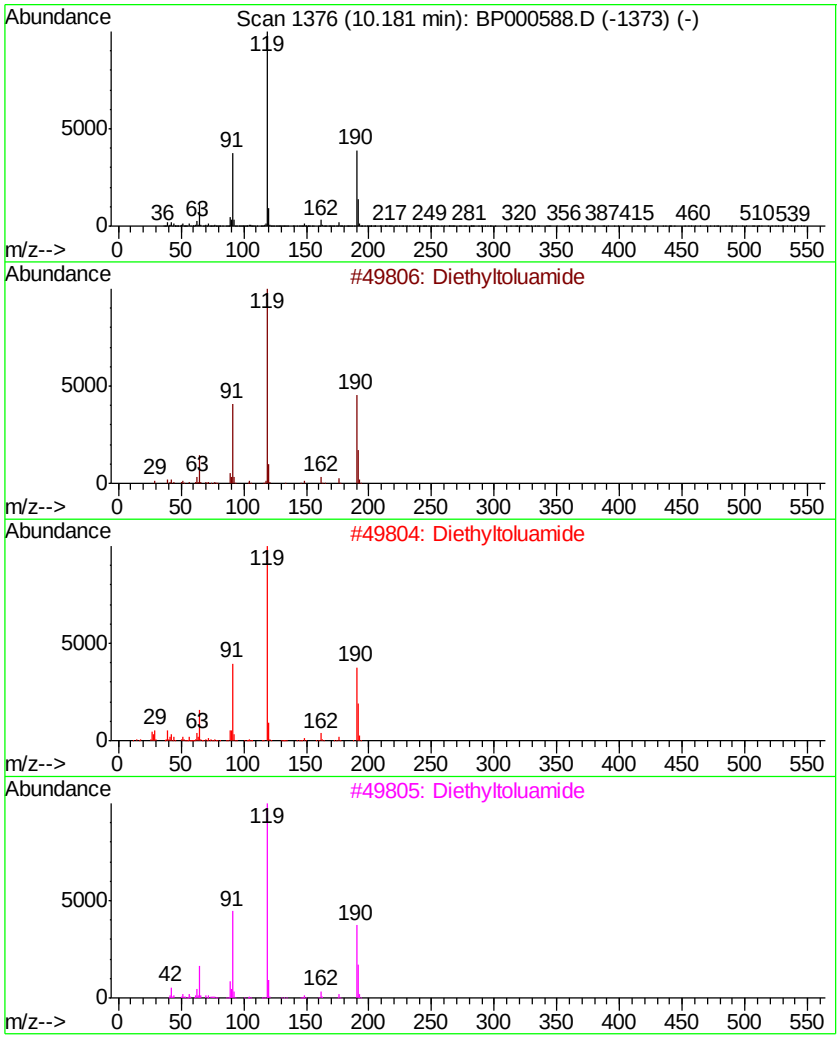
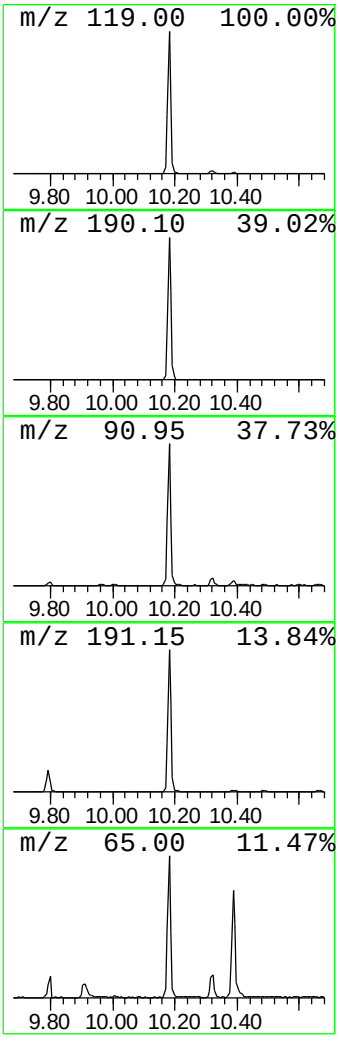
Peak Number 1 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.30 ng/ul	232960	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	Diethyltoluamide	191	C12H17NO	000134-62-3	60
4	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	52
5	1,4-Pentanedione, 2,2-dimethyl-1...	218	C14H18O2	071821-99-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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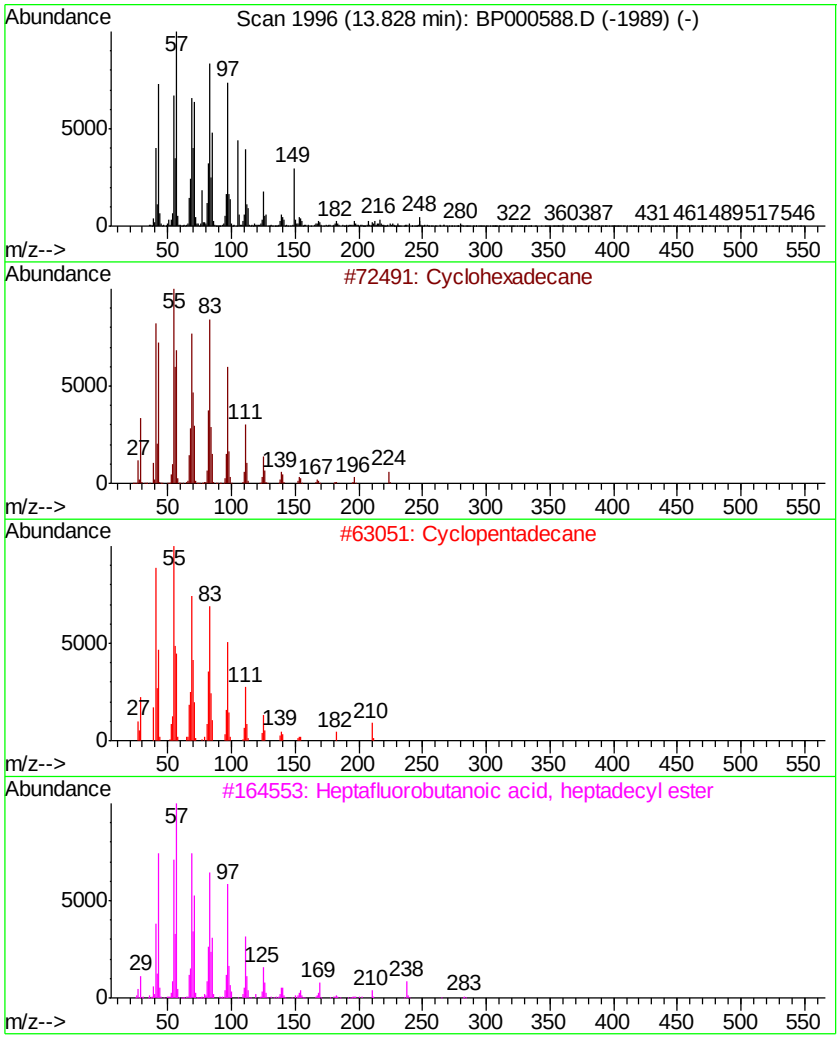
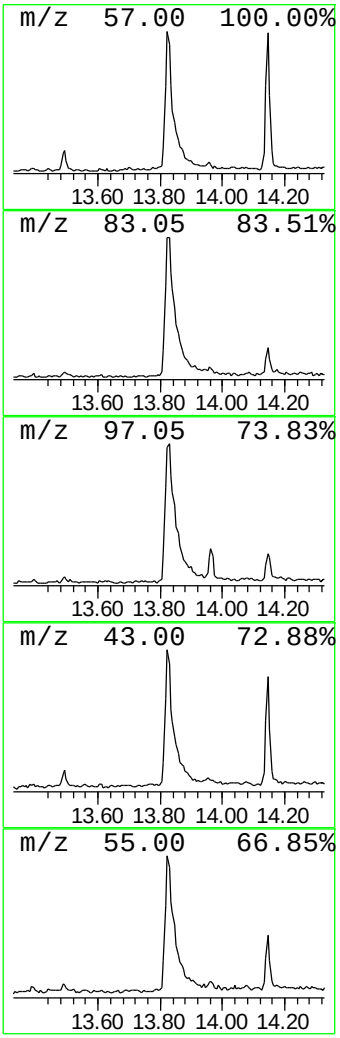
Peak Number 2 (DEL) Alkane: Cyclic13.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.16 ng/ul	355532	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
4	1-Tricosene	322	C23H46	018835-32-0	87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





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Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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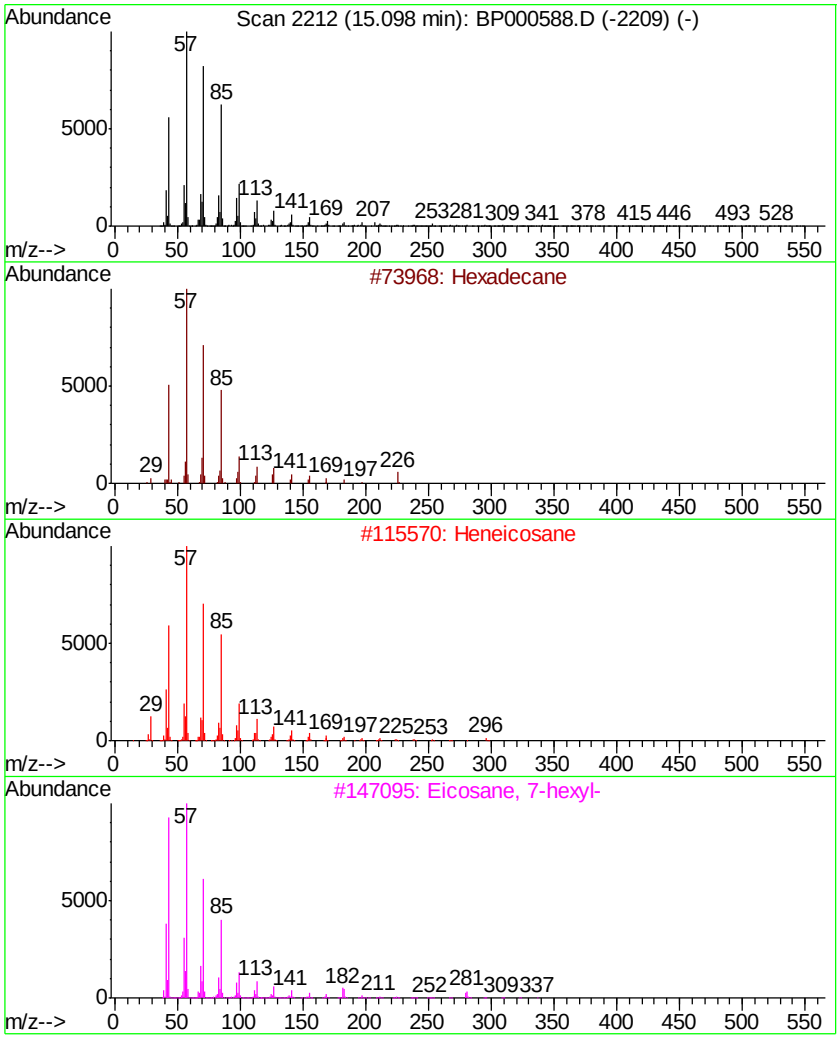
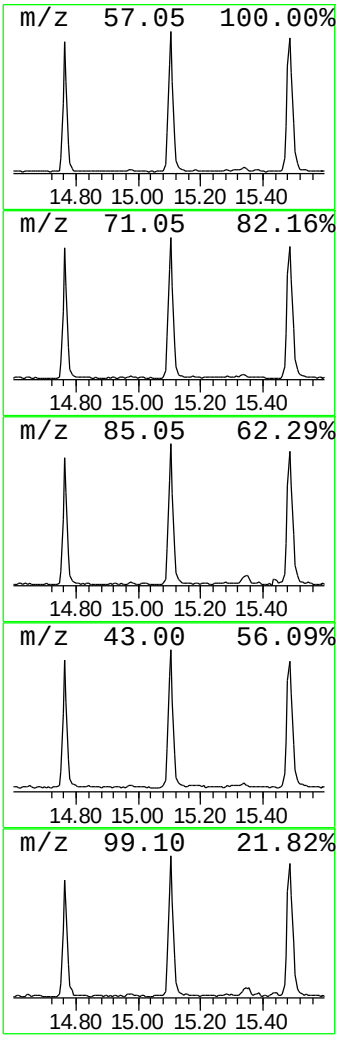
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.51 ng/ul	279829	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Library Search Compound Report

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Data File : BP000588.D
Acq On : 09 Oct 2019 23:06
Operator : JU
Sample : K5100-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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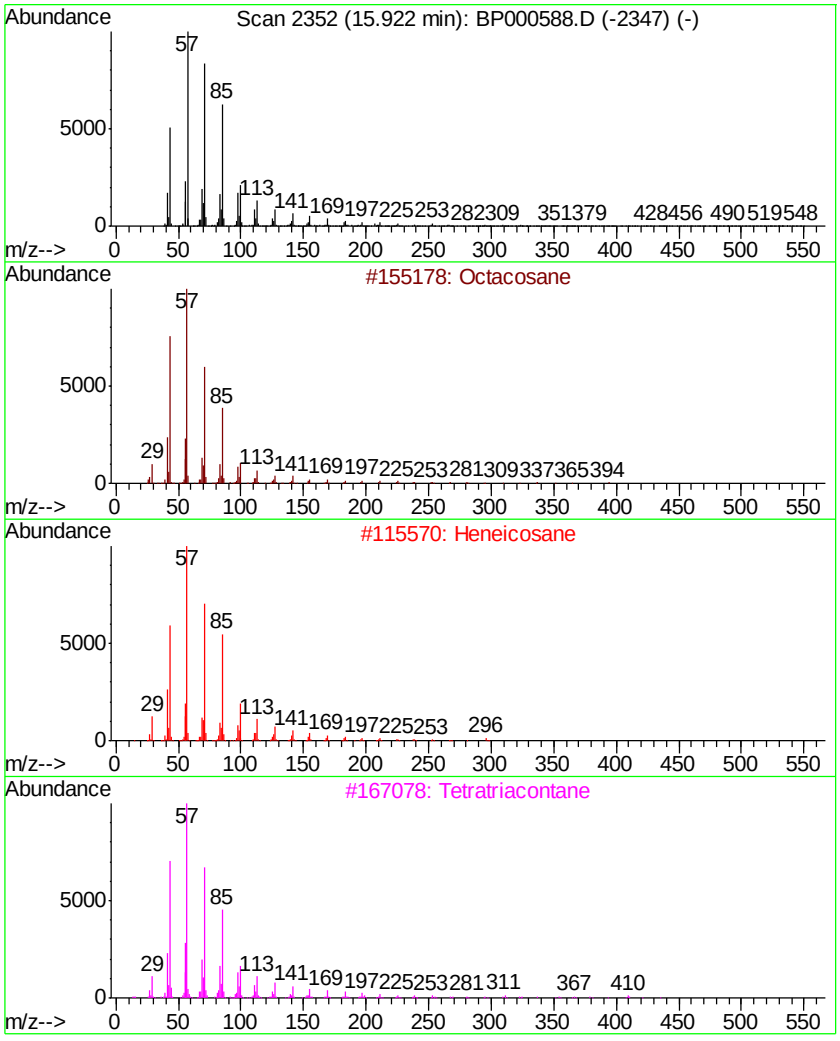
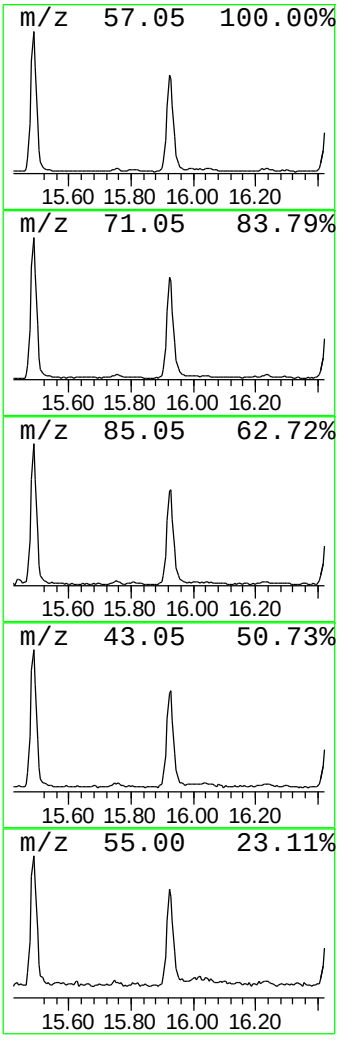
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.29 ng/ul	255694	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Nonacosane	408	C29H60	000630-03-5	91





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETJY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diethyltoluamide	10.18	2.3	ng/ul	232960	3	9.80	2029150	20.0
(DEL) Alkane: Cyc...	13.83	3.2	ng/ul	355532	5	13.96	2253640	20.0
(DEL) Alkane: Str...	15.10	2.5	ng/ul	279829	6	15.44	2230410	20.0
(DEL) Alkane: Str...	15.92	2.3	ng/ul	255694	6	15.44	2230410	20.0