LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	3.052	22	28	35	rVB6	12237	24902	1.22%	0.084%
2	3.552	108	113	120	rBV2	52460	74195	3.65%	0.252%
3	4.628	291	296	298	rBV3	17651	25696	1.26%	0.087%
4	4.657	298	301	306	rVB2	40367	59891	2.95%	0.203%
5	5.504	441	445	450	rBV5	14231	22551	1.11%	0.077%
6	6.698	642	648	665	rBV2	343827	815714	40.12%	2.768%
7	6.828	665	670	682	rVB	265346	448628	22.07%	1.522%
8	7.022	695	703	712	rBV	431196	756615	37.22%	2.567%
9	7.122	716	720	724	rVB6	14053	24057	1.18%	0.082%
10	7.475	774	780	790	rBV	487067	821969	40.43%	2.789%
11	8.222	899	907	922	rBV	366730	766827	37.72%	2.602%
12	8.639	970	978	991	rBV	418836	865420	42.57%	2.936%
13	8.798	1000	1005	1012	rBV10	15575	34184	1.68%	0.116%
14	8.998	1034	1039	1042	rBV3	23440	31835	1.57%	0.108%
15	9.357	1093	1100	1113	rBV	395953	765950	37.68%	2.599%
16	9.639	1145	1148	1155	rVB5	13658	26074	1.28%	0.088%
17	9.910	1186	1194	1217	rBV	436351	1047122	51.51%	3.553%
18	10.245	1239	1251	1257	rBV	687493	1188461	58.46%	4.032%
19	10.292	1257	1259	1264	rVB2	37668	49953	2.46%	0.169%
20	10.422	1275	1281	1294	rBV	156675	397458	19.55%	1.348%
21	11.663	1488	1492	1497	rBV4	21705	32073	1.58%	0.109%
22	11.928	1531	1537	1543	rBV	89162	154602	7.60%	0.525%
23	12.151	1565	1575	1584	rBV2	58949	125007	6.15%	0.424%
24	12.639	1651	1658	1664	rVB6	14183	26390	1.30%	0.090%
25	12.945	1705	1710	1717	rVB2	39815	59639	2.93%	0.202%
26	13.157	1741	1746	1754	rBV	39968	85718	4.22%	0.291%
27	13.310	1763	1772	1781	rBV5	58444	162383	7.99%	0.551%
28	13.457	1790	1797	1802	rBV3	68878	134373	6.61%	0.456%
29	13.510	1802	1806	1810	rVV2	73341	114365	5.63%	0.388%
30	13.563	1810	1815	1820	rVV	1010205	1480631	72.83%	5.023%
31	13.610	1820	1823	1830	rVV	165440	250621	12.33%	0.850%
32	13.698	1833	1838	1840	rVV4	36499	52592	2.59%	0.178%
33	13.722	1840	1842	1848	rVB5	29011	39749	1.96%	0.135%
34	13.833	1852	1861	1873	rVB	1077298	1685062	82.89%	5.717%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

35	14.033	1889	1895	1903	rBV4	87415	173094	8.51%	0.587%
36	14.139	1907	1913	1919	rVV2	885078	1425954	70.14%	4.838%
37	14.198	1919	1923	1928	rVB8	23178	38312	1.88%	0.130%
38	14.363	1944	1951	1957	rBV4	39748	101515	4.99%	0.344%
39	14.457	1962	1967	1978	rBV2	204808	621545	30.57%	2.109%
40	14.545	1980	1982	1986	rVV5	60044	85898	4.23%	0.291%
41	14.592	1986	1990	1993	rVV6	31358	64980	3.20%	0.220%
42	14.627	1993	1996	2000	rVB4	33344	48447	2.38%	0.164%
43	14.774	2017	2021	2026	rVB4	28760	43374	2.13%	0.147%
44	14.827	2026	2030	2033	rBV6	32963	48353	2.38%	0.164%
45	14.945	2042	2050	2053	rBV6	52579	103894	5.11%	0.352%
46	14.998	2053	2059	2065	rVB3	91369	142879	7.03%	0.485%
47	15.145	2078	2084	2090	rBV	1249574	1849649	90.98%	6.275%
48	15.327	2110	2115	2124	rBV2	328643	577747	28.42%	1.960%
49	15.498	2138	2144	2145	rBV6	21321	31892	1.57%	0.108%
50	15.568	2153	2156	2159	rVB4	16437	20977	1.03%	0.071%
51	15.616	2160	2164	2169	rVV7	23112	35234	1.73%	0.120%
52	15.868	2202	2207	2213	rBV3	84311	160013	7.87%	0.543%
53	16.204	2260	2264	2267	rBV6	22983	35428	1.74%	0.120%
54	16.468	2304	2309	2314	rVB9	19344	50705	2.49%	0.172%
55	16.580	2322	2328	2332	rBV7	31297	53327	2.62%	0.181%
56	16.662	2338	2342	2345	rVB4	39782	46964	2.31%	0.159%
57	16.910	2378	2384	2388	rBV	1131775	1583397	77.89%	5.372%
58	16.951	2388	2391	2395	rVV	203901	274717	13.51%	0.932%
59	17.010	2395	2401	2412	rVB	1284642	1955167	96.17%	6.633%
60	17.245	2438	2441	2444	rVB4	27035	30246	1.49%	0.103%
61	17.398	2464	2467	2471	rVB4	49407	58233	2.86%	0.198%
62	17.492	2480	2483	2492	rVB3	56562	98678	4.85%	0.335%
63	17.627	2501	2506	2509	rBV6	42037	82605	4.06%	0.280%
64	17.786	2529	2533	2535	rBV2	96811	127958	6.29%	0.434%
65	17.815	2535	2538	2547	rVB4	268743	577523	28.41%	1.959%
66	17.968	2562	2564	2569	rVB5	44342	70200	3.45%	0.238%
67	18.021	2569	2573	2579	rVB3	72982	110662	5.44%	0.375%
68	18.098	2582	2586	2587	rBV4	43288	48739	2.40%	0.165%
69	18.304	2616	2621	2622	rBV5	45963	71574	3.52%	0.243%
70	18.357	2627	2630	2637	rVB8	74911	113702	5.59%	0.386%
71	18.715	2688	2691	2697	rBV4	70859	136502	6.71%	0.463%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

72	18.986	2734	2737	2740	rBV3	80496	98462	4.84%	0.334%
73	19.109	2755	2758	2762	rBV5	88584	110955	5.46%	0.376%
74	19.251	2780	2782	2788	rVB5	103161	120919	5.95%	0.410%
75	19.321	2789	2794	2799	rBV	1489931	2032989	100.00%	6.898%
76	21.127	3097	3101	3105	rBV	980036	1341752	66.00%	4.552%
77	23.162	3443	3447	3453	rVB2	707982	1199712	59.01%	4.070%
78	23.297	3467	3470	3476	rVB2	536172	818704	40.27%	2.778%

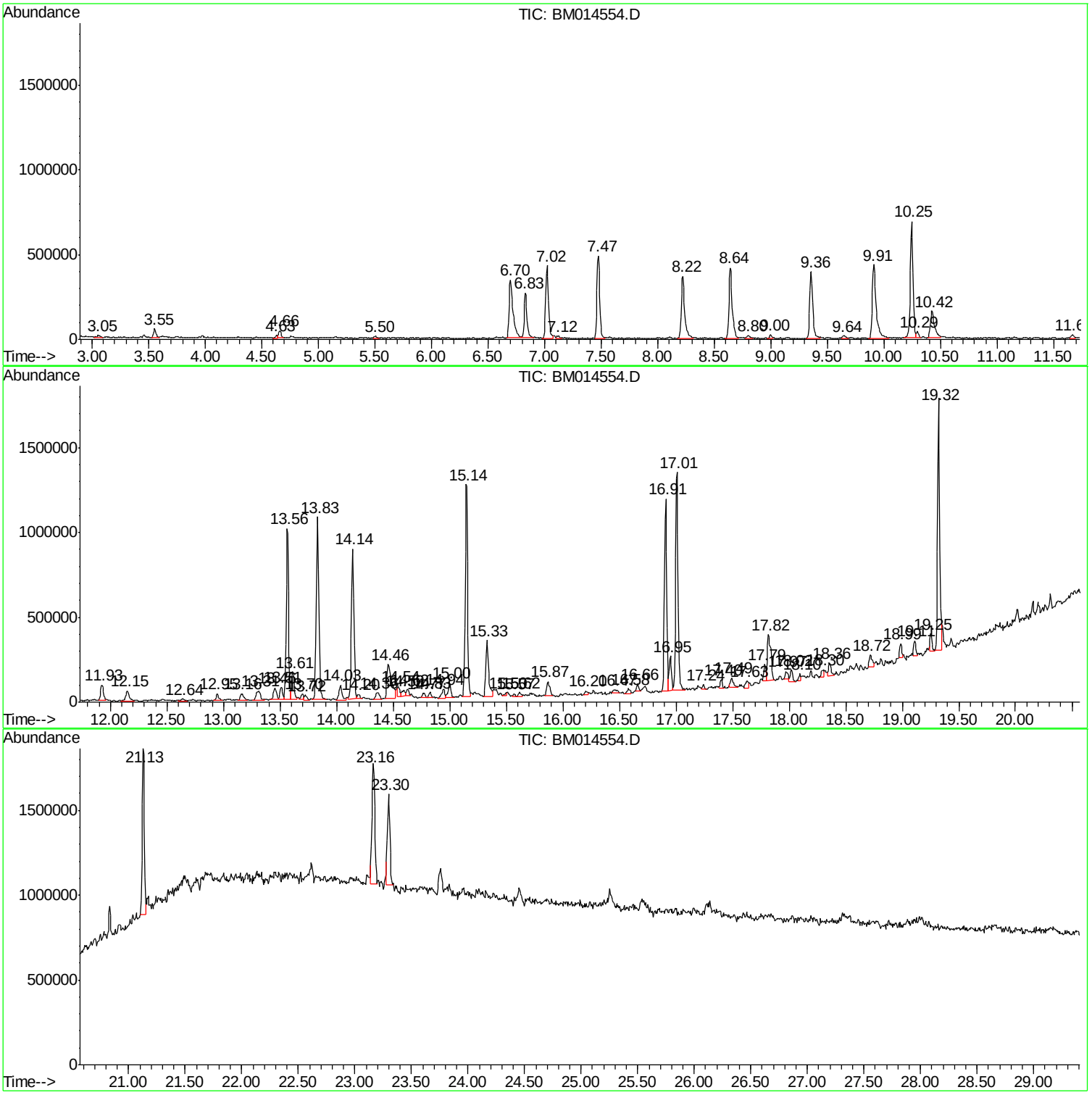
Sum of corrected areas: 29474284

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

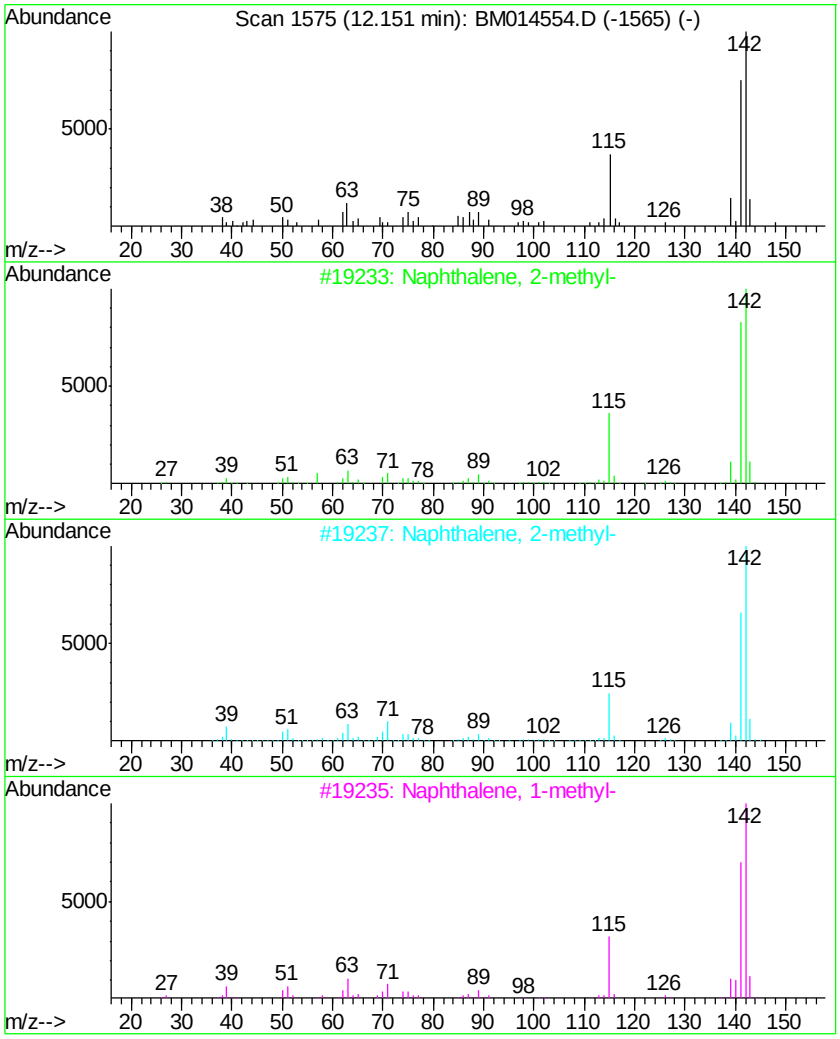
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

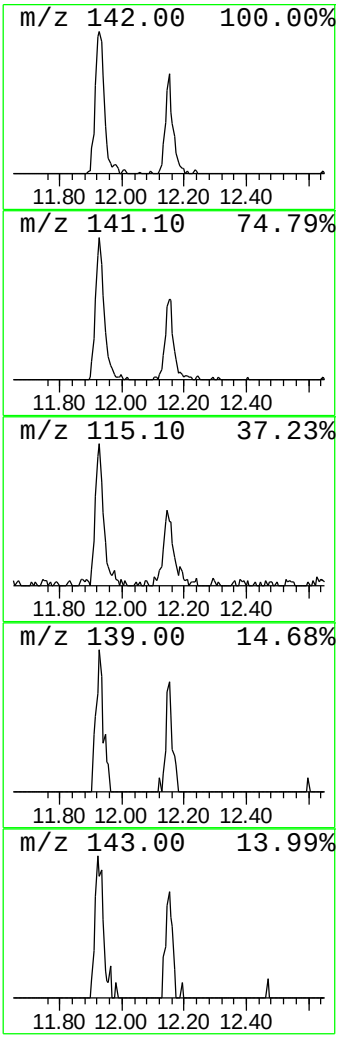
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.10 ng/ul	125007	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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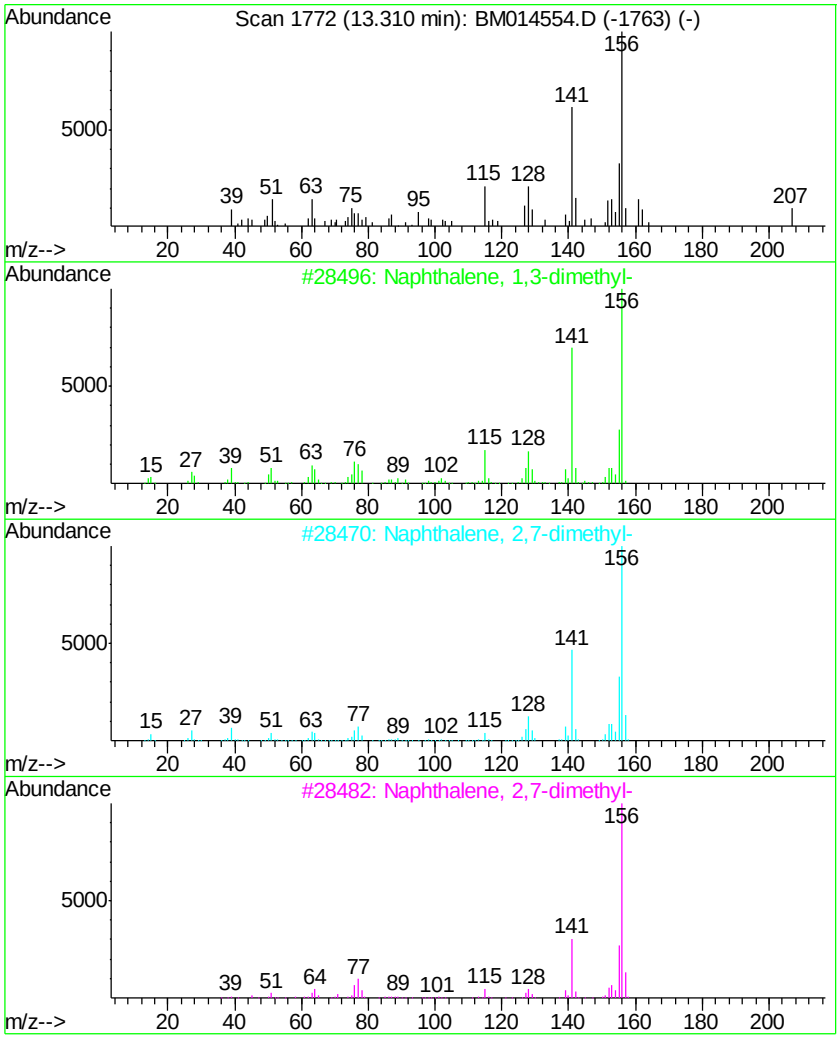
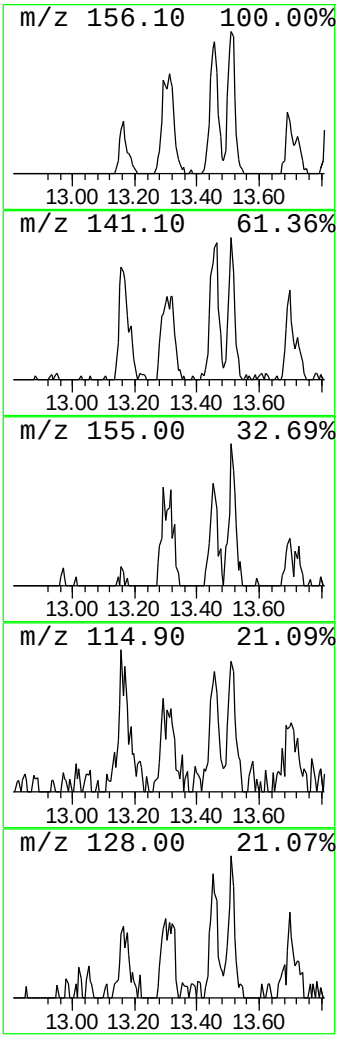
Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.28 ng/ul	162383	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

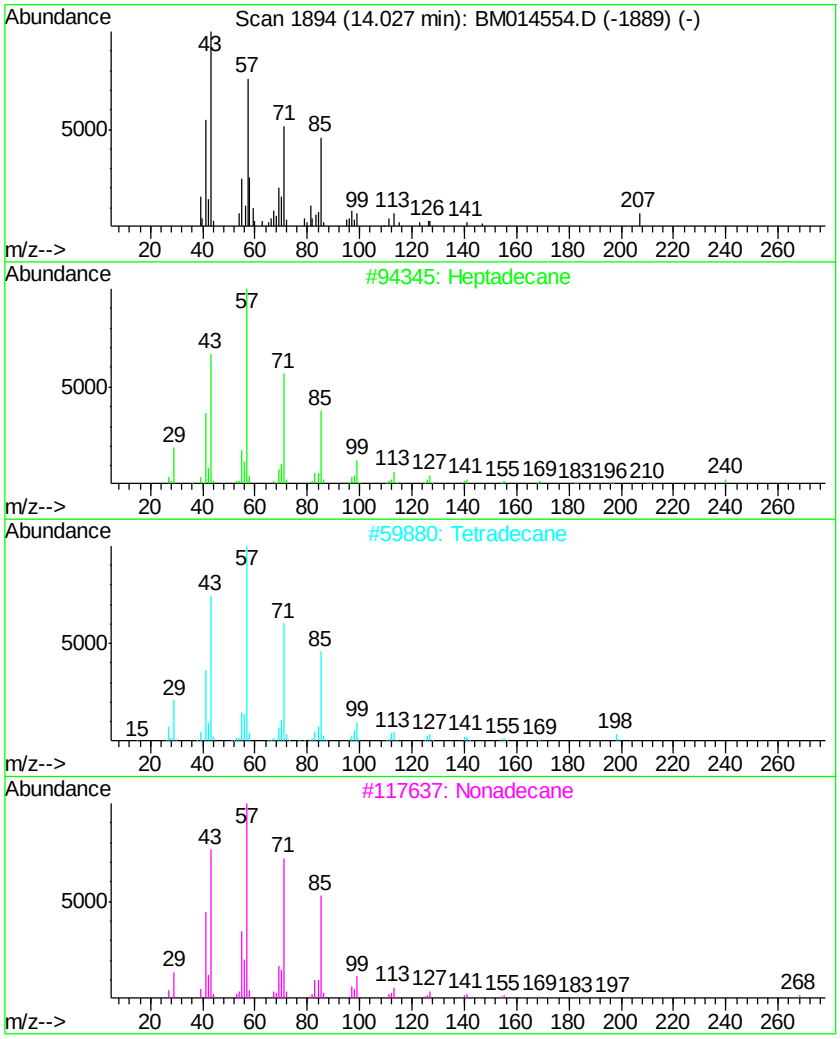
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

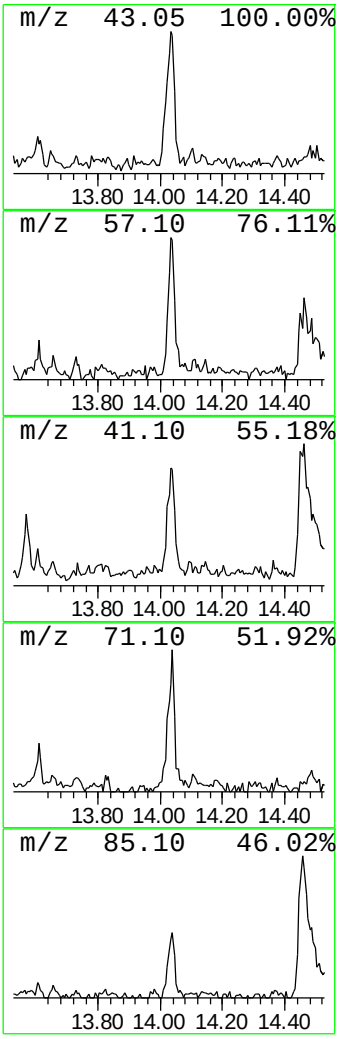
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.43 ng/ul	173094	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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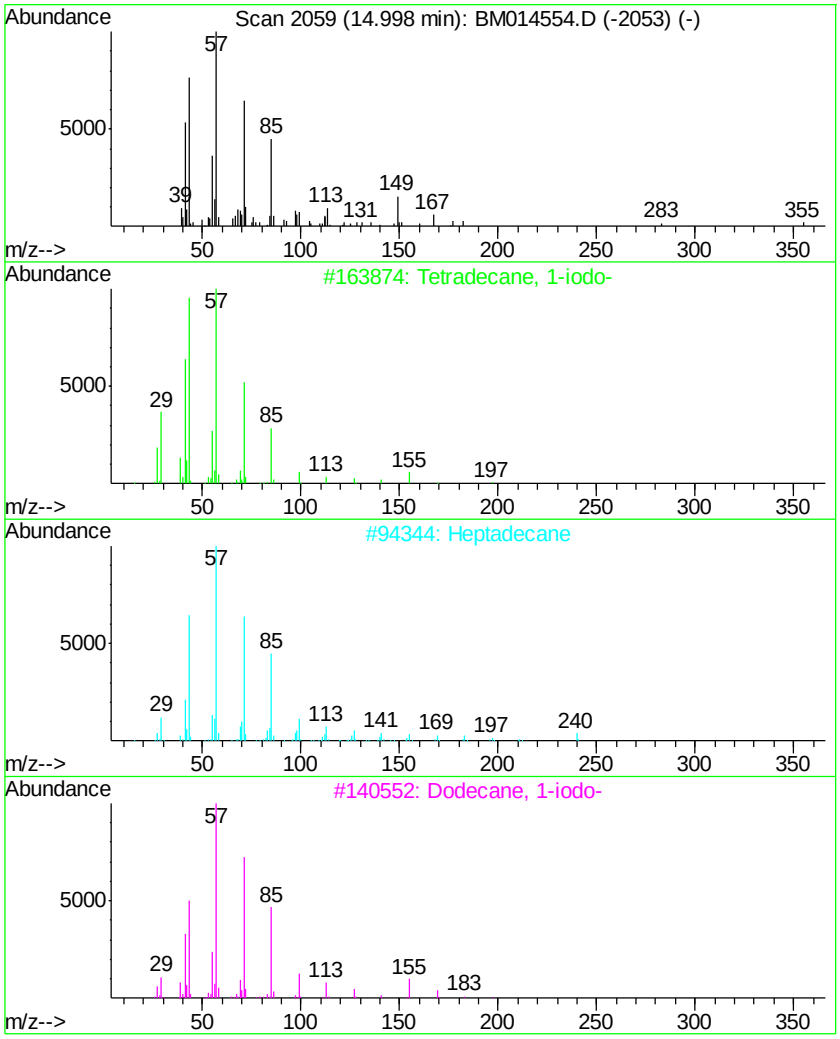
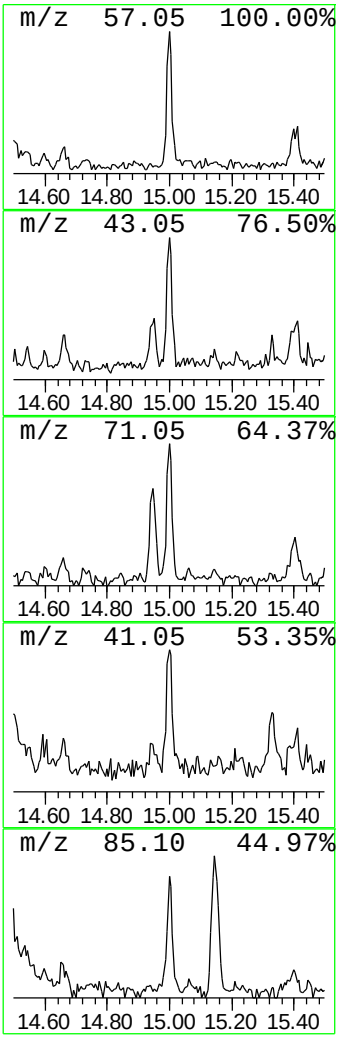
Peak Number 4 Tetradecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.00 ng/ul	142879	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
2	Heptadecane	240	C17H36	000629-78-7	59
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

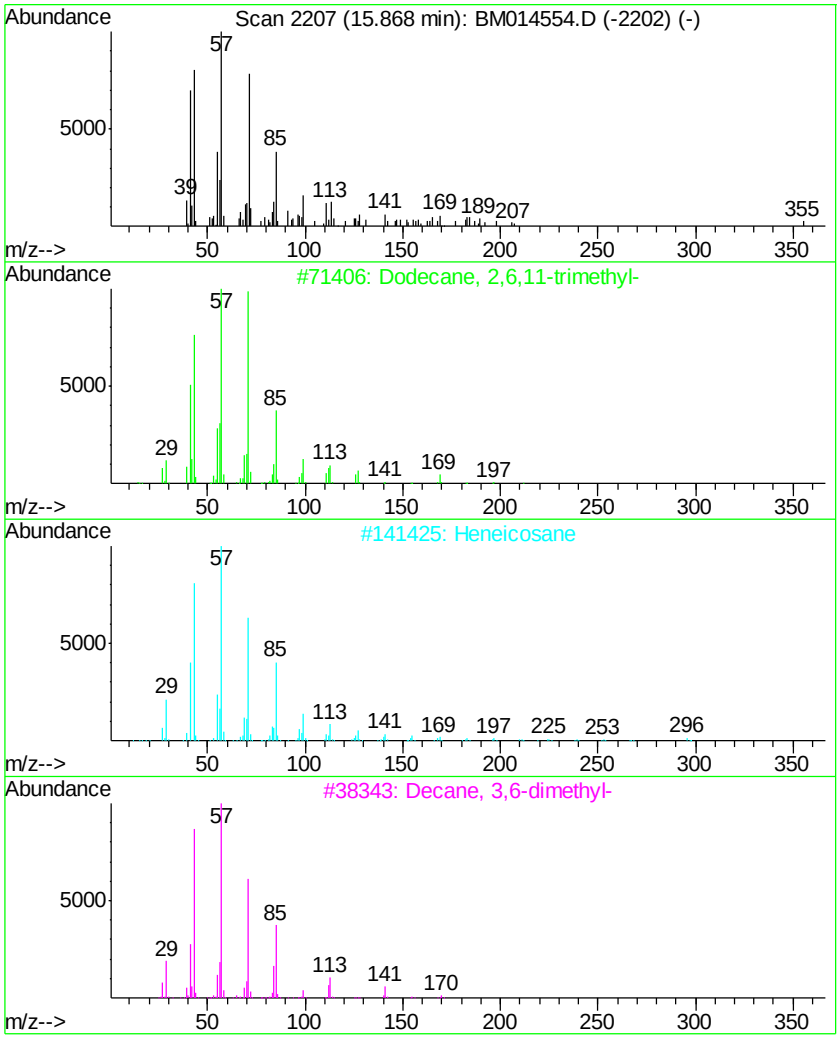
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

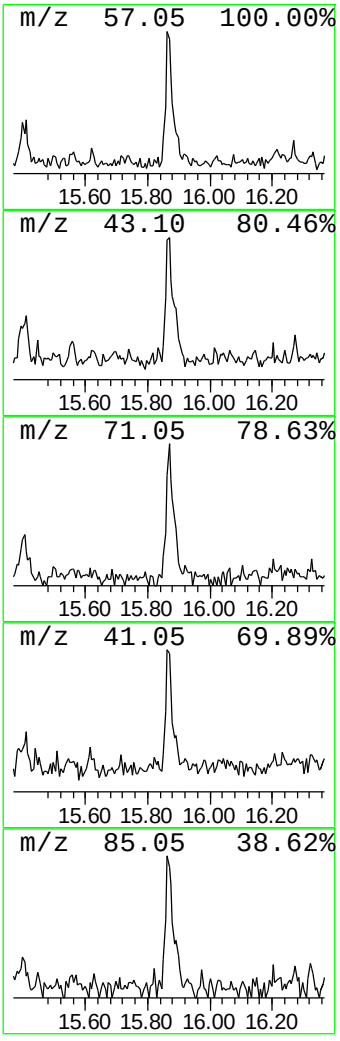
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.02 ng/ul	160013	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Heneicosane	296	C21H44	000629-94-7	80
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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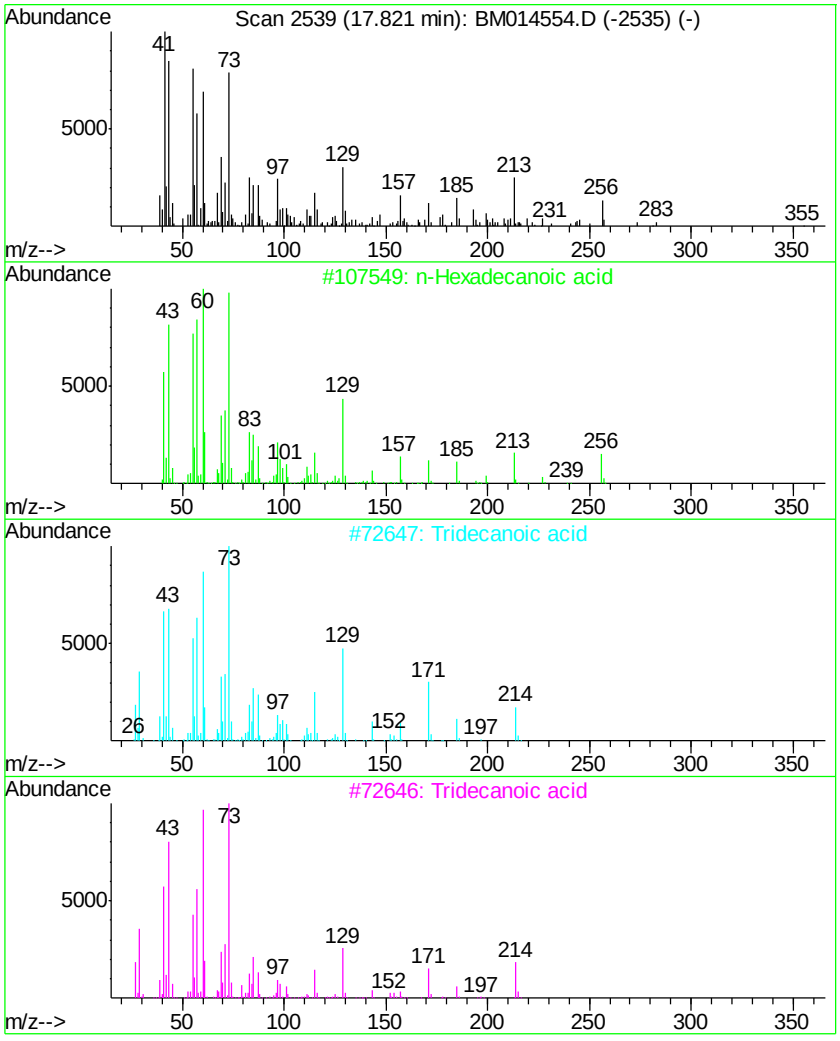
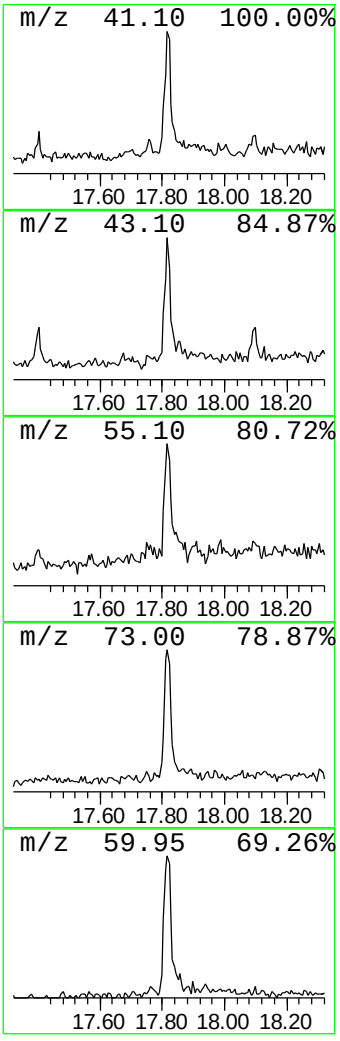
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.29 ng/ul	577523	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031318\
Data File : BM014554.D
Acq On : 13 Mar 2018 21:52
Operator : SJ/JU
Sample : J1835-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F12

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA 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
Naphthalene, 1-me...	12.15	2.1	ng/ul	125007	2	10.25	1188460	20.0
Naphthalene, 1,3-...	13.31	2.3	ng/ul	162383	3	14.14	1425950	20.0
(DEL) Alkane: Str...	14.03	2.4	ng/ul	173094	3	14.14	1425950	20.0
Tetradecane, 1-iodo-	15.00	2.0	ng/ul	142879	3	14.14	1425950	20.0
(DEL) Alkane: Str...	15.87	2.0	ng/ul	160013	4	16.91	1583400	20.0
n-Hexadecanoic acid	17.82	7.3	ng/ul	577523	4	16.91	1583400	20.0