LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

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_M\METHODS\SOM-EPA-BM111918MA.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	3.023	3	6	8	rBV	29319	30023	0.92%	0.124%
2	3.046	8	10	11	rVV	12585	10353	0.32%	0.043%
3	3.070	11	14	16	rVV2	25716	24313	0.74%	0.100%
4	3.105	16	20	30	rVB	604620	627106	19.15%	2.580%
5	3.393	67	69	71	rVV2	6616	5732	0.18%	0.024%
6	3.423	71	74	81	rVV2	18622	24685	0.75%	0.102%
7	3.634	108	110	112	rBV2	3849	3671	0.11%	0.015%
8	3.828	141	143	146	rVB3	3463	3927	0.12%	0.016%
9	3.875	146	151	155	rBV4	9088	12858	0.39%	0.053%
10	4.281	218	220	224	rVB3	4424	4590	0.14%	0.019%
11	4.675	285	287	290	rVB3	3646	4288	0.13%	0.018%
12	4.958	330	335	341	rVV2	12257	17910	0.55%	0.074%
13	5.140	362	366	371	rVB5	4754	7300	0.22%	0.030%
14	5.864	485	489	491	rBV3	2283	3755	0.11%	0.015%
15	6.093	522	528	529	rBV2	3523	5150	0.16%	0.021%
16	6.152	535	538	544	rVB5	2744	4735	0.14%	0.019%
17	6.581	604	611	615	rBV6	2572	4834	0.15%	0.020%
18	7.069	690	694	697	rBV3	4459	4813	0.15%	0.020%
19	7.475	759	763	767	rBV6	3909	5837	0.18%	0.024%
20	7.587	773	782	798	rBV	897270	1552218	47.41%	6.386%
21	7.711	801	803	807	rVB4	4239	4782	0.15%	0.020%
22	8.111	867	871	874	rBV3	2197	4239	0.13%	0.017%
23	8.246	887	894	899	rBV5	2628	5719	0.17%	0.024%
24	10.357	1245	1253	1275	rBV	1231411	2312745	70.64%	9.514%
25	12.081	1541	1546	1548	rBV5	2177	3884	0.12%	0.016%
26	12.098	1548	1549	1554	rVB2	3272	3679	0.11%	0.015%
27	12.269	1573	1578	1579	rBV3	4052	4669	0.14%	0.019%
28	12.763	1657	1662	1665	rBV3	2200	3874	0.12%	0.016%
29	13.063	1708	1713	1715	rBV4	2054	3791	0.12%	0.016%
30	13.428	1771	1775	1778	rBV3	2154	3845	0.12%	0.016%
31	13.557	1793	1797	1803	rBV3	5525	10071	0.31%	0.041%
32	13.716	1820	1824	1829	rVB4	3256	5239	0.16%	0.022%
33	13.957	1862	1865	1871	rBV5	5008	6643	0.20%	0.027%
34	14.051	1875	1881	1883	rBV4	3496	5682	0.17%	0.023%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

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_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

35	14.234	1905	1912	1921	rVV2	1906282	3051920	93.22%	12.555%
36	14.298	1921	1923	1931	rVB	43438	66353	2.03%	0.273%
37	14.457	1947	1950	1952	rBV3	4547	5458	0.17%	0.022%
38	14.481	1952	1954	1957	rVB3	3985	4100	0.13%	0.017%
39	14.557	1962	1967	1971	rVB5	8434	10188	0.31%	0.042%
40	14.651	1977	1983	1986	rBV3	11124	18560	0.57%	0.076%
41	14.763	2000	2002	2006	rVB4	3523	4601	0.14%	0.019%
42	14.875	2014	2021	2026	rBV6	4786	7912	0.24%	0.033%
43	15.192	2072	2075	2079	rBV3	3771	5484	0.17%	0.023%
44	15.245	2079	2084	2087	rVV7	7679	13536	0.41%	0.056%
45	15.304	2089	2094	2103	rVB3	42416	87502	2.67%	0.360%
46	15.410	2109	2112	2117	rBV6	5903	9498	0.29%	0.039%
47	15.451	2117	2119	2123	rVV3	8307	12609	0.39%	0.052%
48	15.504	2125	2128	2132	rVV4	16989	25478	0.78%	0.105%
49	15.545	2132	2135	2140	rVV6	5138	9437	0.29%	0.039%
50	15.604	2140	2145	2152	rVV5	10817	19405	0.59%	0.080%
51	15.757	2167	2171	2177	rBV7	7611	16928	0.52%	0.070%
52	15.810	2177	2180	2183	rVV5	4865	5803	0.18%	0.024%
53	15.992	2203	2211	2216	rBV5	42614	83666	2.56%	0.344%
54	16.110	2230	2231	2236	rVB5	4698	3795	0.12%	0.016%
55	16.292	2258	2262	2269	rVV7	14836	36466	1.11%	0.150%
56	16.351	2271	2272	2278	rVV6	10815	11944	0.36%	0.049%
57	16.398	2278	2280	2283	rVV4	3654	3684	0.11%	0.015%
58	16.528	2294	2302	2304	rBV7	19378	30975	0.95%	0.127%
59	16.598	2306	2314	2321	rVB2	31436	58369	1.78%	0.240%
60	16.651	2321	2323	2325	rBV3	4696	3985	0.12%	0.016%
61	16.692	2327	2330	2333	rBV	18990	16365	0.50%	0.067%
62	16.816	2346	2351	2354	rVB	28935	44240	1.35%	0.182%
63	16.875	2357	2361	2363	rBV5	12442	14948	0.46%	0.061%
64	16.910	2363	2367	2371	rVB7	8537	12822	0.39%	0.053%
65	16.992	2374	2381	2385	rBV2	2216781	3273930	100.00%	13.468%
66	17.033	2385	2388	2397	rVV	501387	726143	22.18%	2.987%
67	17.133	2401	2405	2409	rVV	38444	64826	1.98%	0.267%
68	17.169	2409	2411	2420	rVB8	28820	50067	1.53%	0.206%
69	17.375	2442	2446	2453	rBV9	31922	62014	1.89%	0.255%
70	17.451	2457	2459	2461	rVB3	7495	4393	0.13%	0.018%
71	17.522	2468	2471	2474	rVB4	12992	15111	0.46%	0.062%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

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_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

72	17.586	2478	2482	2483	rBV4	17992	19994	0.61%	0.082%
73	17.633	2489	2490	2492	rBV2	8397	4812	0.15%	0.020%
74	17.651	2492	2493	2494	rVV	6452	4151	0.13%	0.017%
75	17.704	2497	2502	2509	rVV4	78398	117975	3.60%	0.485%
76	17.786	2511	2516	2521	rVB3	187684	252329	7.71%	1.038%
77	17.869	2526	2530	2534	rVV	47819	79951	2.44%	0.329%
78	17.922	2535	2539	2545	rVB	62056	113290	3.46%	0.466%
79	18.063	2558	2563	2567	rBV2	107569	163826	5.00%	0.674%
80	18.122	2567	2573	2577	rVV3	75615	156496	4.78%	0.644%
81	18.169	2577	2581	2587	rVB	211573	281528	8.60%	1.158%
82	18.275	2595	2599	2604	rBV6	55335	78627	2.40%	0.323%
83	18.380	2613	2617	2624	rBV2	31005	53356	1.63%	0.219%
84	18.463	2627	2631	2634	rBV4	33890	44892	1.37%	0.185%
85	18.616	2650	2657	2661	rBV7	35776	78958	2.41%	0.325%
86	18.680	2661	2668	2672	rBV4	52609	110578	3.38%	0.455%
87	18.733	2673	2677	2680	rBV	49953	67595	2.06%	0.278%
88	19.057	2727	2732	2738	rBV	722250	995745	30.41%	4.096%
89	19.116	2738	2742	2748	rVB	100603	151630	4.63%	0.624%
90	19.198	2753	2756	2761	rVB7	35042	58551	1.79%	0.241%
91	19.304	2772	2774	2778	rVB3	23376	21335	0.65%	0.088%
92	19.422	2786	2794	2804	rBV	465699	813216	24.84%	3.345%
93	19.845	2862	2866	2871	rBV	125352	171606	5.24%	0.706%
94	19.922	2876	2879	2883	rVB	87331	131101	4.00%	0.539%
95	21.192	3089	3095	3099	rBV	2049174	2949309	90.08%	12.133%
96	21.363	3121	3124	3129	rVB	188245	192838	5.89%	0.793%
97	21.416	3130	3133	3136	rVV	315226	323181	9.87%	1.330%
98	23.104	3416	3420	3428	rVB	512497	827082	25.26%	3.402%
99	23.380	3461	3467	3476	rVB	1282504	2371870	72.45%	9.758%
100	24.374	3632	3636	3647	rVB4	470510	1042792	31.85%	4.290%

Sum of corrected areas: 24308089

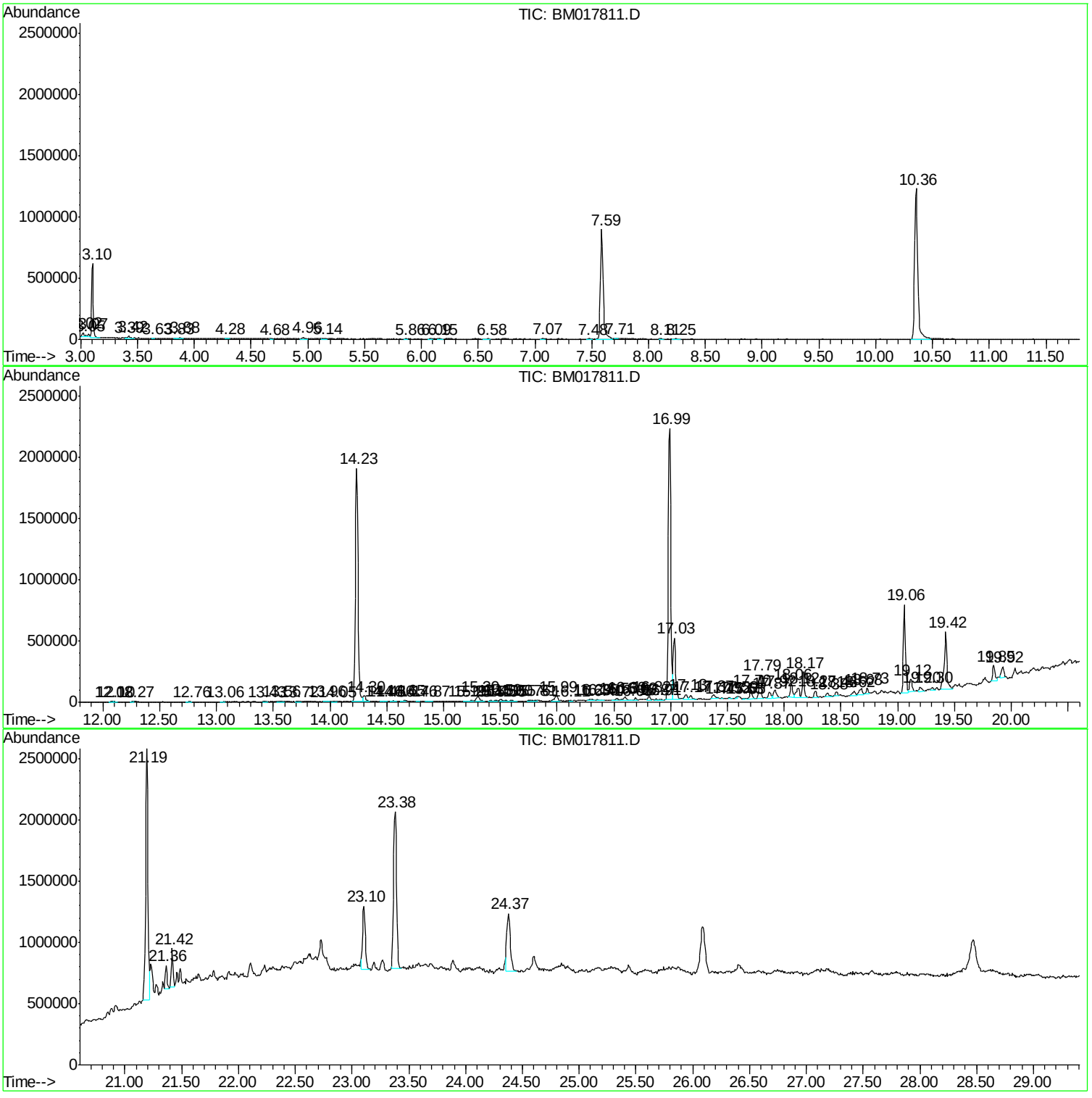
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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 M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

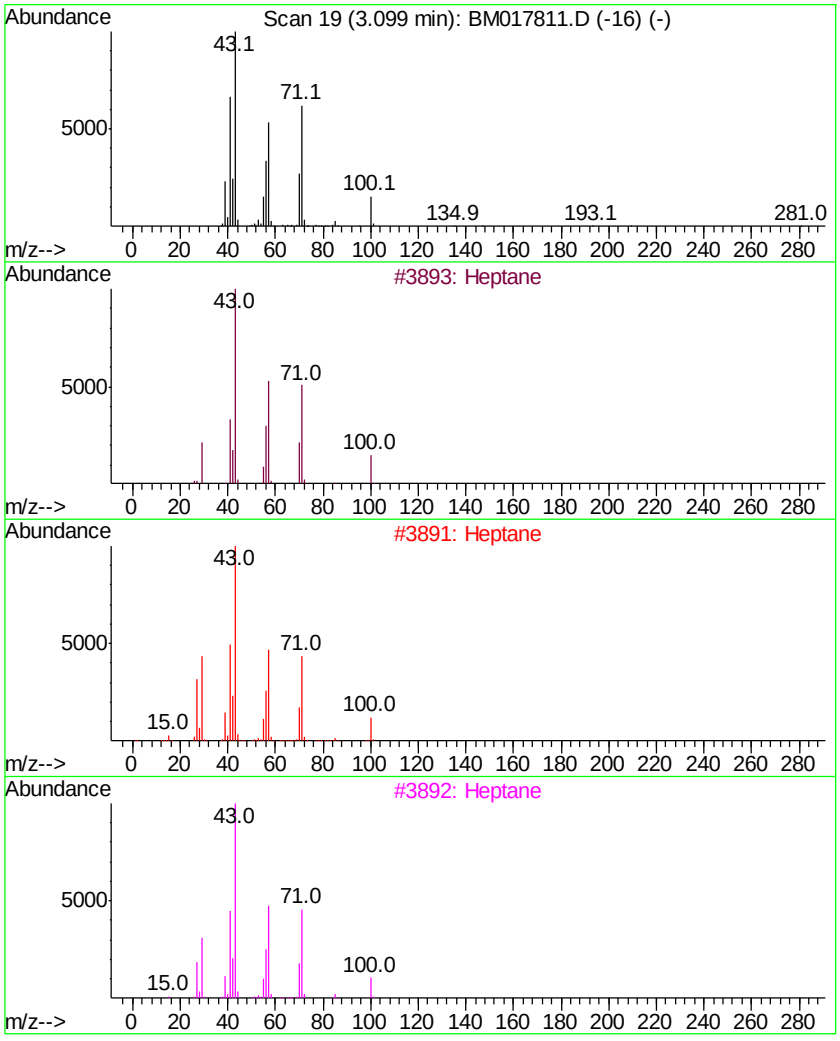
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

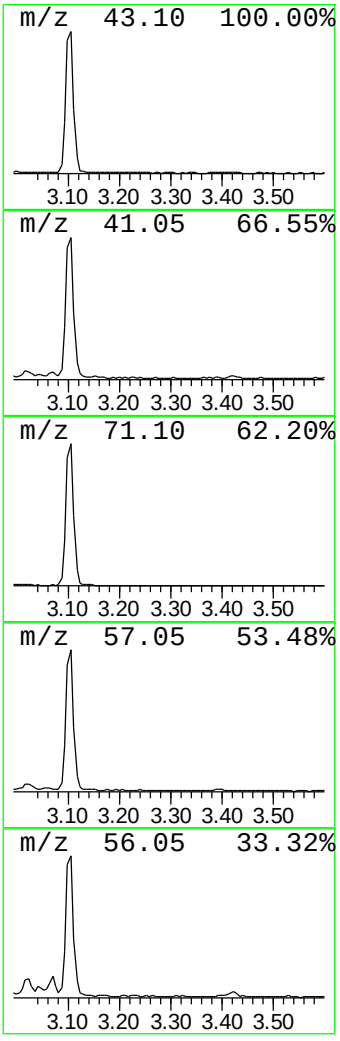
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	8.08 ng/ul	627106	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	80
5	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

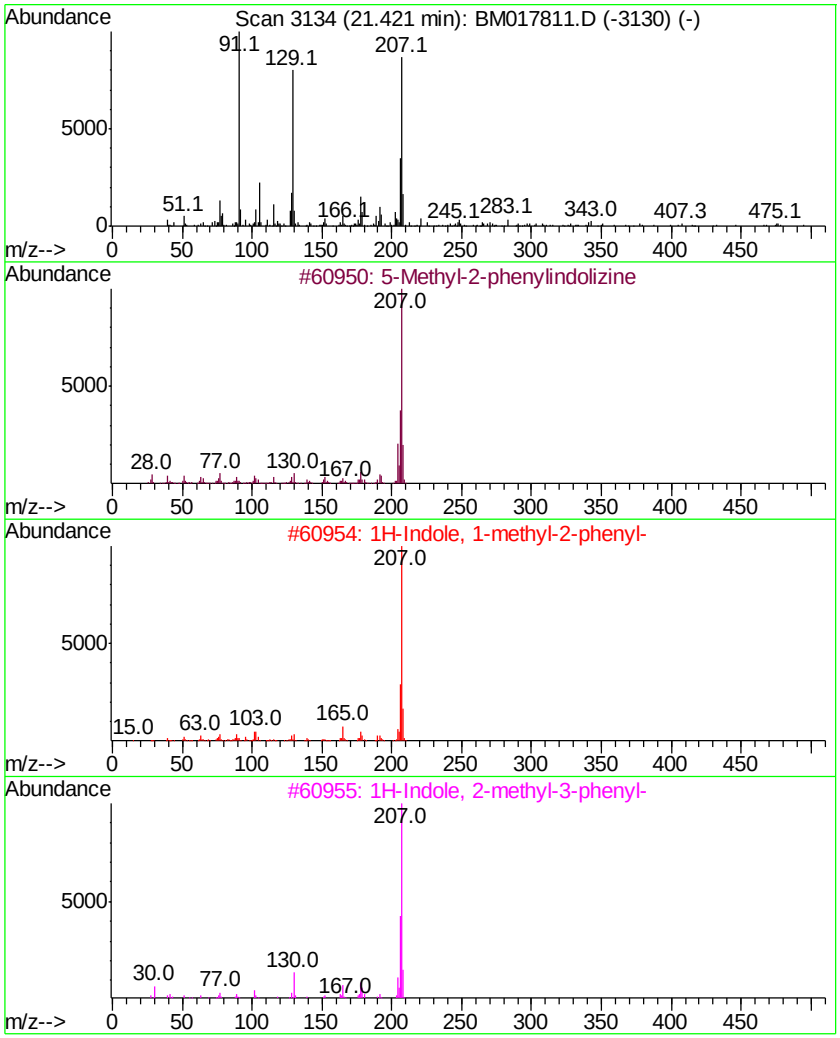
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

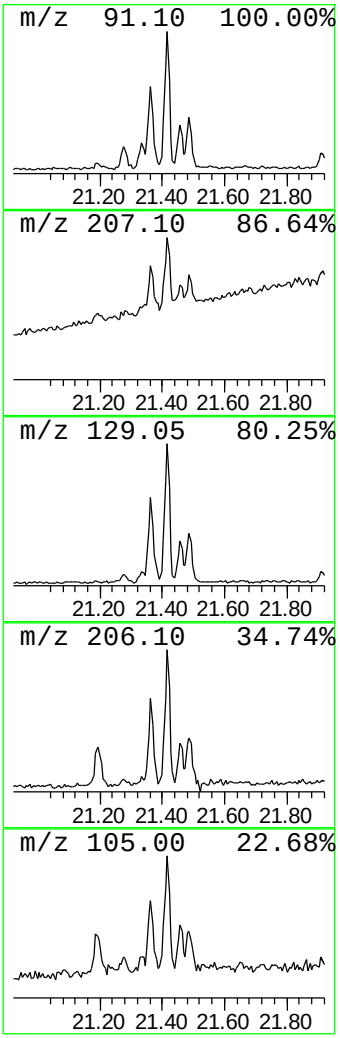
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.19 ng/ul	323181	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
4	Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	108873-36-5	38
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

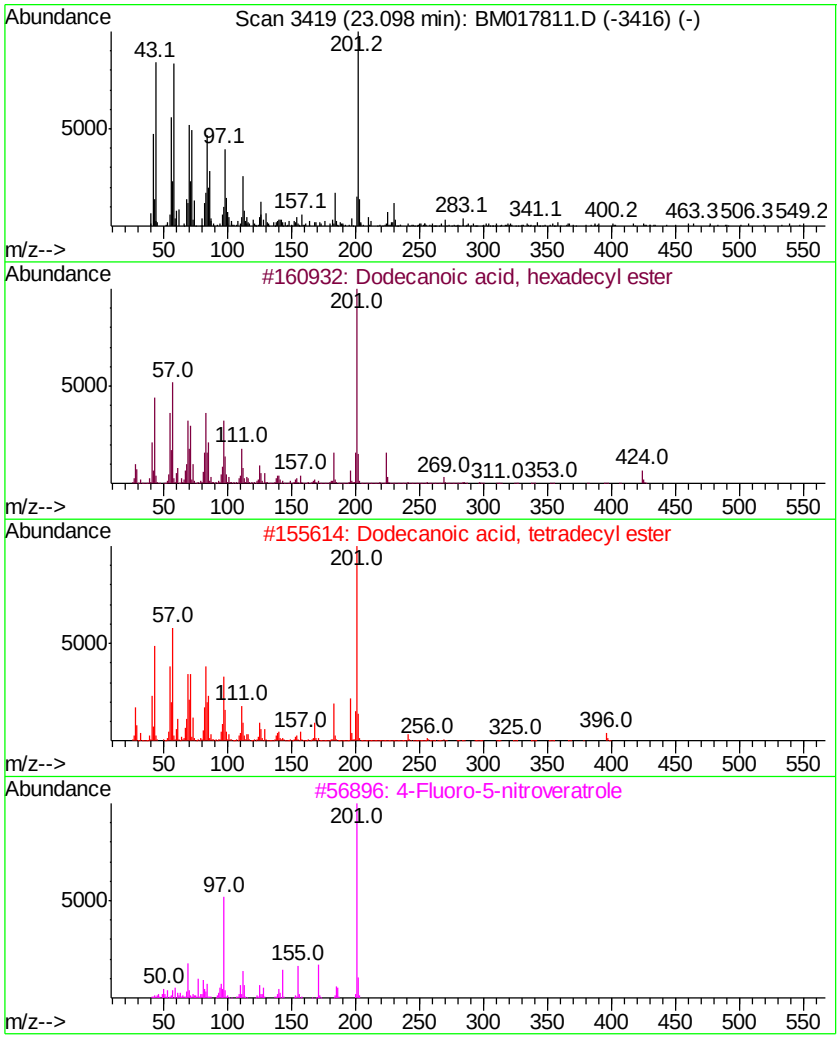
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

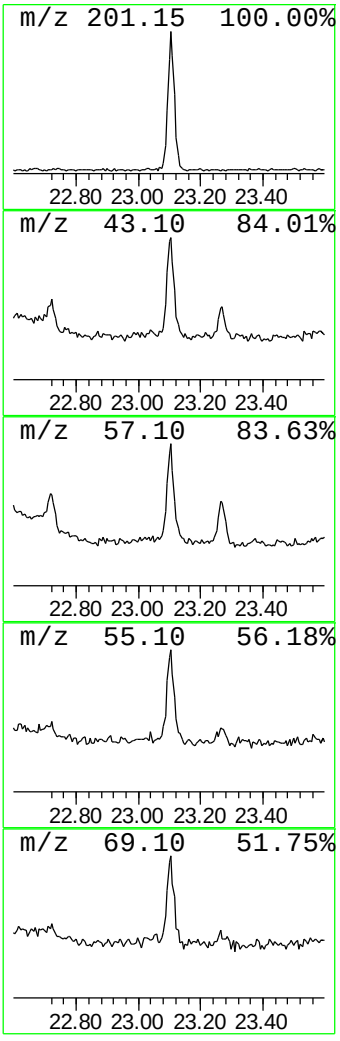
****

Peak Number 3 Dodecanoic acid, hexadecyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	6.97 ng/ul	827082	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, hexadecyl ester	424	C28H56O2	020834-06-4	89
2	Dodecanoic acid, tetradecyl ester	396	C26H52O2	022412-97-1	37
3	4-Fluoro-5-nitroveratrole	201	C8H8FNO4	1000257-02-6	27
4	Dodecanoic acid, undecyl ester	354	C23H46O2	003658-44-4	25
5	1,2-O-Isopropylidene-beta-l-idof...	216	C9H12O6	029514-28-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

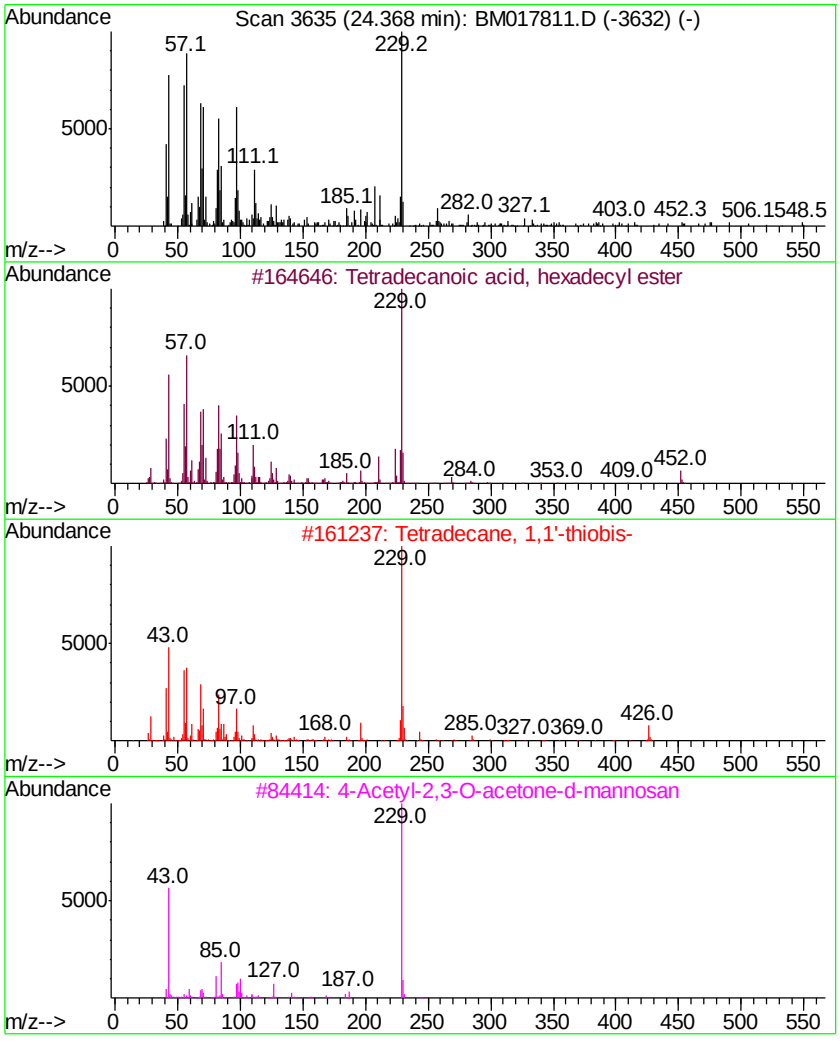
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

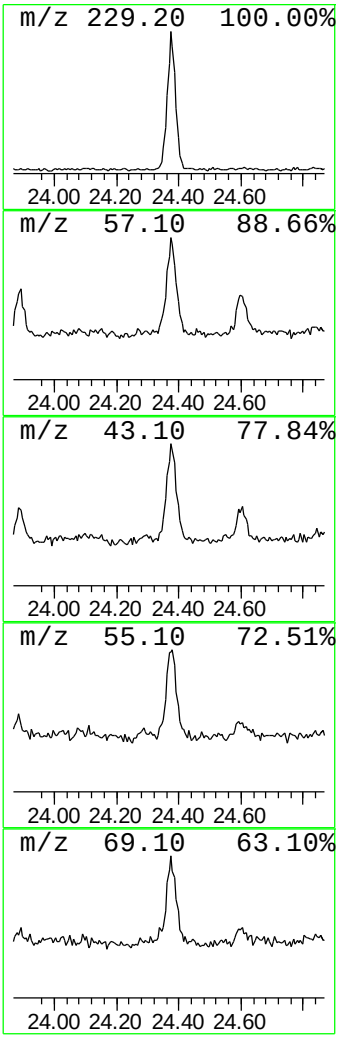
****

Peak Number 4 Tetradecanoic acid, hexadec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	8.79 ng/ul	1042790	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	86
2	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	37
3	4-Acetyl-2,3-O-acetone-d-mannosan	244	C11H16O6	014440-55-2	32
4	Tetradecanoic acid, tetradecyl e...	424	C28H56O2	003234-85-3	32
5	4,7-Dihydroxy-2-[trifluoromethyl...	229	C10H6F3NO2	200933-11-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017811.D
Acq On : 30 Nov 2018 00:22
Operator : JU/SJ
Sample : J6027-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
(DEL) Alkane: Str...	3.10	8.1	ng/ul	627106	1	7.59	1552220	20.0
unknown-01	21.42	2.2	ng/ul	323181	5	21.19	2949310	20.0
Dodecanoic acid, ...	23.10	7.0	ng/ul	827082	6	23.38	2371870	20.0
Tetradecanoic aci...	24.37	8.8	ng/ul	1042790	6	23.38	2371870	20.0