LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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	2.769	9	14	23	rBV	80716	121079	19.14%	1.499%
2	2.846	23	27	36	rVB	37128	42441	6.71%	0.526%
3	4.293	269	273	276	rBV2	3514	4966	0.79%	0.061%
4	6.828	699	704	712	rBB	27660	41390	6.54%	0.513%
5	6.981	724	730	738	rBB	93997	139405	22.04%	1.726%
6	7.181	758	764	773	rBB	109889	168011	26.56%	2.080%
7	7.640	837	842	849	rBB	98991	156618	24.76%	1.939%
8	7.734	852	858	862	rBB3	3122	5922	0.94%	0.073%
9	8.363	960	965	974	rBV	90178	137616	21.76%	1.704%
10	8.804	1034	1040	1047	rBV	113600	181543	28.70%	2.248%
11	8.940	1060	1063	1068	rBB	2749	3968	0.63%	0.049%
12	9.028	1074	1078	1082	rBB	4203	5720	0.90%	0.071%
13	9.375	1134	1137	1140	rBB	3123	2927	0.46%	0.036%
14	9.522	1156	1162	1169	rBB	101053	157951	24.97%	1.956%
15	10.063	1248	1254	1261	rBV	148840	241356	38.16%	2.989%
16	10.428	1310	1316	1323	rBV	156210	254289	40.20%	3.149%
17	10.575	1332	1341	1356	rBB2	87587	175743	27.78%	2.176%
18	11.634	1517	1521	1526	rBB	4125	6313	1.00%	0.078%
19	11.839	1547	1556	1561	rBB2	39426	86929	13.74%	1.076%
20	12.034	1585	1589	1593	rBV3	1748	3012	0.48%	0.037%
21	12.128	1601	1605	1606	rBV	3140	3167	0.50%	0.039%
22	12.163	1606	1611	1616	rVB2	6558	10880	1.72%	0.135%
23	12.328	1636	1639	1642	rBB3	2374	2849	0.45%	0.035%
24	12.404	1649	1652	1656	rBB	4667	5424	0.86%	0.067%
25	12.457	1657	1661	1666	rBB	6021	7921	1.25%	0.098%
26	12.645	1689	1693	1700	rBB2	1751	3260	0.52%	0.040%
27	12.898	1732	1736	1742	rBB2	2136	3177	0.50%	0.039%
28	13.198	1782	1787	1792	rVB	5896	9104	1.44%	0.113%
29	13.351	1807	1813	1819	rBB3	15262	25138	3.97%	0.311%
30	13.533	1840	1844	1845	rBV	2955	2948	0.47%	0.037%
31	13.716	1869	1875	1880	rVV	273617	376613	59.54%	4.663%
32	13.763	1880	1883	1888	rVV	37484	46596	7.37%	0.577%
33	13.845	1894	1897	1904	rVB2	2782	4115	0.65%	0.051%
34	13.992	1916	1922	1928	rVV	312773	461656	72.99%	5.716%

LSC Area Percent Report

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Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Title : SVOA CALIBRATION

35	14.063	1931	1934	1937	rVB2	2840	3177	0.50%	0.039%
36	14.116	1939	1943	1949	rVB3	6952	9887	1.56%	0.122%
37	14.198	1953	1957	1965	rVB	6106	10261	1.62%	0.127%
38	14.304	1968	1975	1982	rVB2	217948	326675	51.65%	4.045%
39	14.369	1982	1986	1989	rBV	6185	8980	1.42%	0.111%
40	14.475	2000	2004	2009	rBV3	3129	4931	0.78%	0.061%
41	14.551	2012	2017	2026	rVB	16552	27423	4.34%	0.340%
42	14.628	2026	2030	2032	rBV	2608	3075	0.49%	0.038%
43	14.663	2032	2036	2041	rVV3	4457	6629	1.05%	0.082%
44	14.739	2045	2049	2051	rBV2	4156	5084	0.80%	0.063%
45	14.769	2051	2054	2059	rVB4	4919	6092	0.96%	0.075%
46	14.822	2061	2063	2070	rVB4	3173	4714	0.75%	0.058%
47	14.916	2070	2079	2084	rBV3	4519	10716	1.69%	0.133%
48	15.051	2097	2102	2106	rBV	10438	14729	2.33%	0.182%
49	15.104	2106	2111	2114	rVV3	5017	8859	1.40%	0.110%
50	15.157	2114	2120	2125	rVV2	12048	20446	3.23%	0.253%
51	15.216	2125	2130	2134	rVB3	4875	8450	1.34%	0.105%
52	15.304	2139	2145	2156	rVB	391920	577682	91.33%	7.153%
53	15.392	2156	2160	2162	rBV3	2057	3196	0.51%	0.040%
54	15.439	2163	2168	2178	rVV	103763	156713	24.78%	1.940%
55	15.551	2182	2187	2193	rVB5	6663	16639	2.63%	0.206%
56	15.610	2193	2197	2200	rBV4	3443	6636	1.05%	0.082%
57	15.651	2202	2204	2211	rVB6	3485	6153	0.97%	0.076%
58	15.710	2211	2214	2217	rVB	2945	4277	0.68%	0.053%
59	15.757	2217	2222	2223	rBV3	2810	4019	0.64%	0.050%
60	15.822	2230	2233	2237	rBV2	3240	3286	0.52%	0.041%
61	16.022	2262	2267	2269	rBV	13915	18577	2.94%	0.230%
62	16.133	2284	2286	2288	rBV2	2777	3602	0.57%	0.045%
63	16.198	2293	2297	2300	rBV3	6249	9280	1.47%	0.115%
64	16.263	2302	2308	2313	rVB5	5091	9833	1.55%	0.122%
65	16.369	2322	2326	2329	rBV5	3111	5715	0.90%	0.071%
66	16.469	2340	2343	2349	rBV5	3231	6162	0.97%	0.076%
67	16.527	2350	2353	2355	rVV3	3251	4621	0.73%	0.057%
68	16.569	2355	2360	2364	rVV3	10821	20472	3.24%	0.253%
69	16.604	2364	2366	2376	rVB6	4649	11047	1.75%	0.137%
70	16.710	2382	2384	2388	rVB3	2328	2861	0.45%	0.035%
71	16.780	2393	2396	2397	rBV3	3138	3841	0.61%	0.048%

LSC Area Percent Report

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Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Title : SVOA CALIBRATION

72	16.816	2398	2402	2405	rBV3	10014	14049	2.22%	0.174%
73	16.927	2415	2421	2424	rBV2	13861	22378	3.54%	0.277%
74	17.057	2437	2443	2450	rVV	262299	383203	60.58%	4.745%
75	17.157	2454	2460	2468	rVV2	399936	578116	91.40%	7.158%
76	17.227	2468	2472	2476	rVV5	5159	8356	1.32%	0.103%
77	17.286	2480	2482	2486	rVB2	2708	2952	0.47%	0.037%
78	17.339	2488	2491	2495	rBV4	3481	6089	0.96%	0.075%
79	17.551	2523	2527	2535	rVB3	15259	21698	3.43%	0.269%
80	17.904	2585	2587	2589	rBV3	2200	2716	0.43%	0.034%
81	17.957	2592	2596	2602	rBV	48653	70957	11.22%	0.879%
82	18.086	2614	2618	2621	rVB2	7656	9617	1.52%	0.119%
83	18.180	2630	2634	2638	rBV	16728	23499	3.72%	0.291%
84	18.251	2642	2646	2654	rVB3	9067	15240	2.41%	0.189%
85	18.339	2658	2661	2666	rVB4	5633	6776	1.07%	0.084%
86	18.468	2681	2683	2688	rVB3	5217	6570	1.04%	0.081%
87	18.815	2739	2742	2744	rVB4	3665	4263	0.67%	0.053%
88	19.098	2786	2790	2793	rBV2	8277	12782	2.02%	0.158%
89	19.180	2800	2804	2808	rVB	11767	12838	2.03%	0.159%
90	19.251	2811	2816	2824	rBV	54651	84198	13.31%	1.043%
91	19.462	2846	2852	2857	rBV2	454571	630258	99.64%	7.804%
92	19.521	2857	2862	2870	rVV	289964	378820	59.89%	4.691%
93	19.757	2899	2902	2904	rBV4	4795	6480	1.02%	0.080%
94	19.833	2912	2915	2919	rBV5	13097	17709	2.80%	0.219%
95	19.874	2919	2922	2927	rVB4	17418	20851	3.30%	0.258%
96	19.939	2930	2933	2936	rBV3	12943	15438	2.44%	0.191%
97	20.968	3105	3108	3115	rBV	38629	50174	7.93%	0.621%
98	21.268	3154	3159	3164	rBV	302642	399883	63.22%	4.952%
99	23.356	3506	3514	3525	rVB	345762	632529	100.00%	7.832%
100	23.498	3531	3538	3547	rVB2	203989	382742	60.51%	4.739%

Sum of corrected areas: 8075968

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
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Sample : H1416-16
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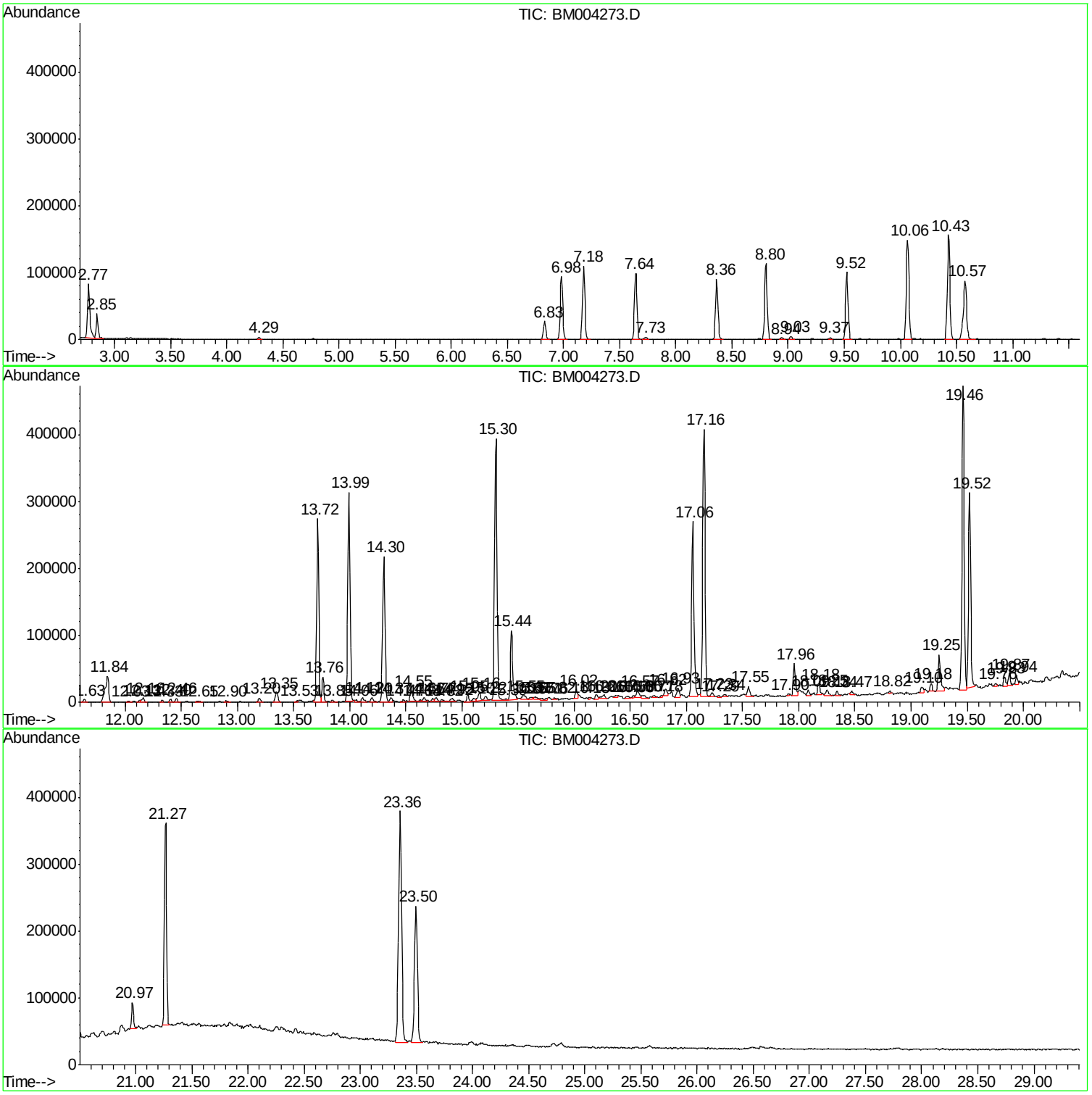
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
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Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

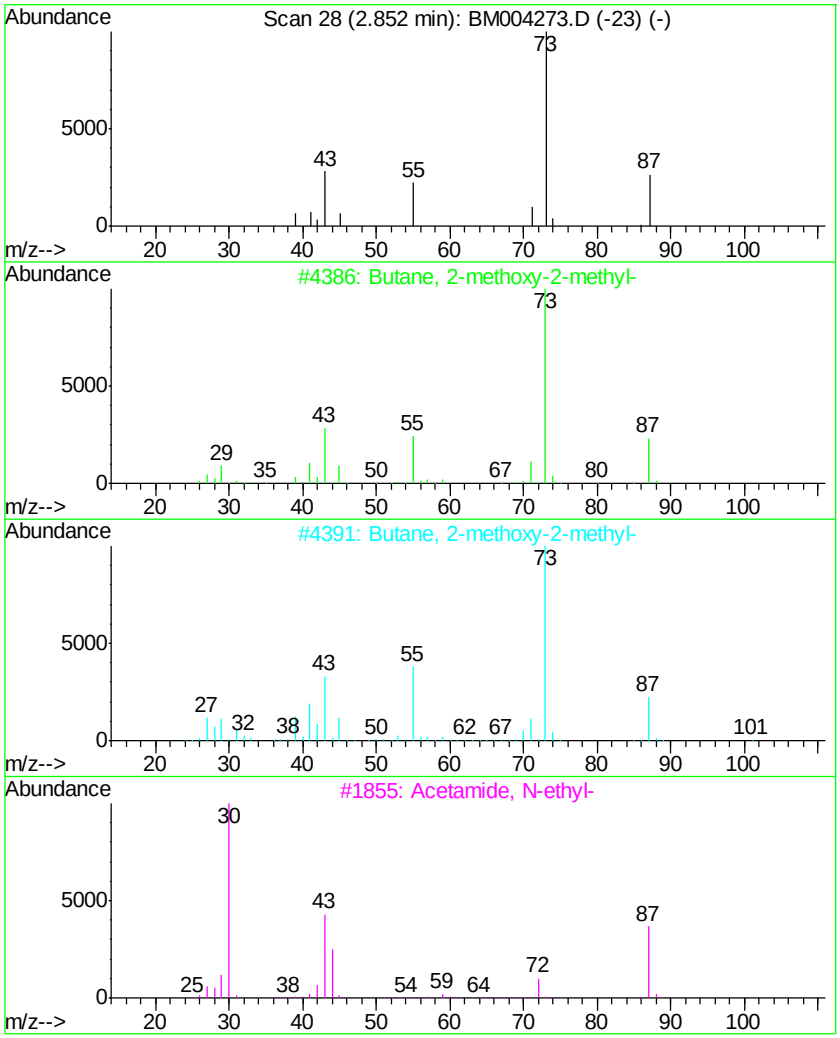
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

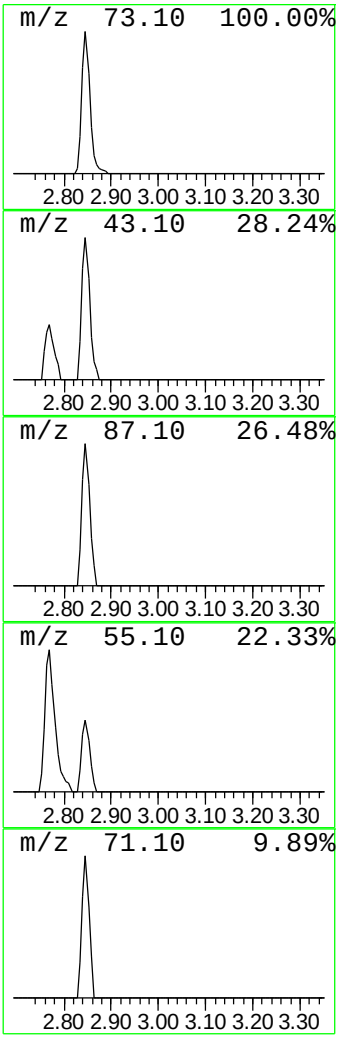
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	5.42 ng/ul	42441	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

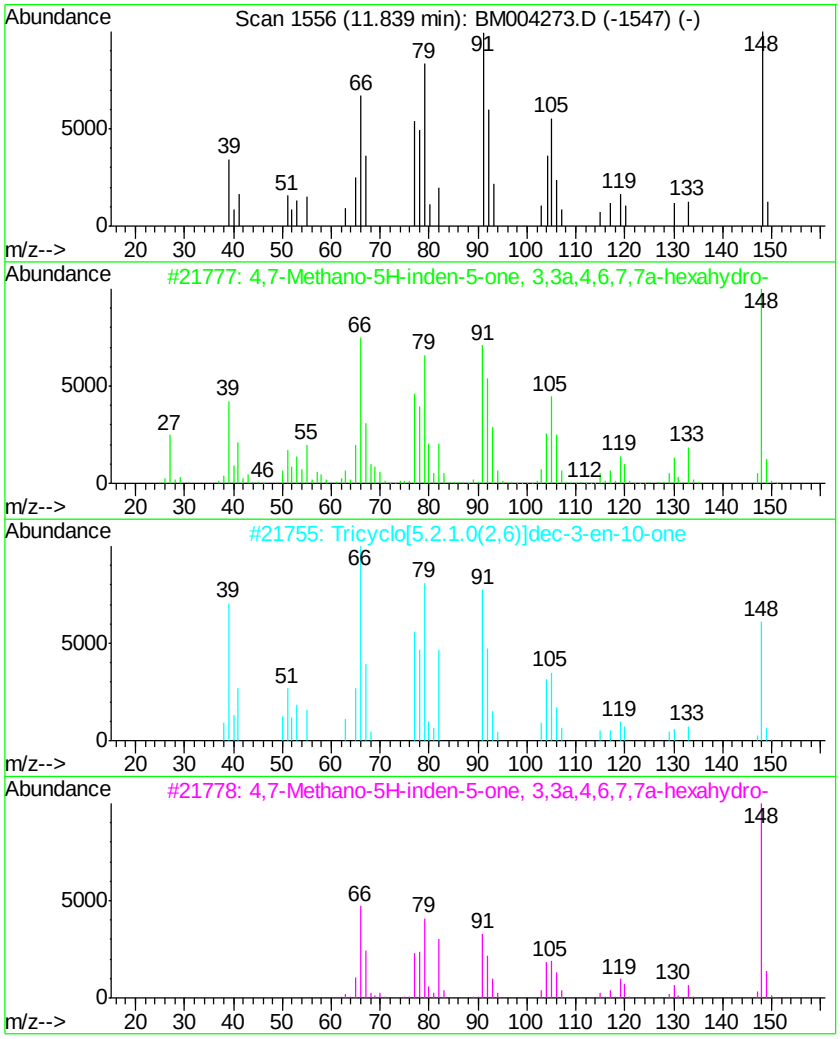
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

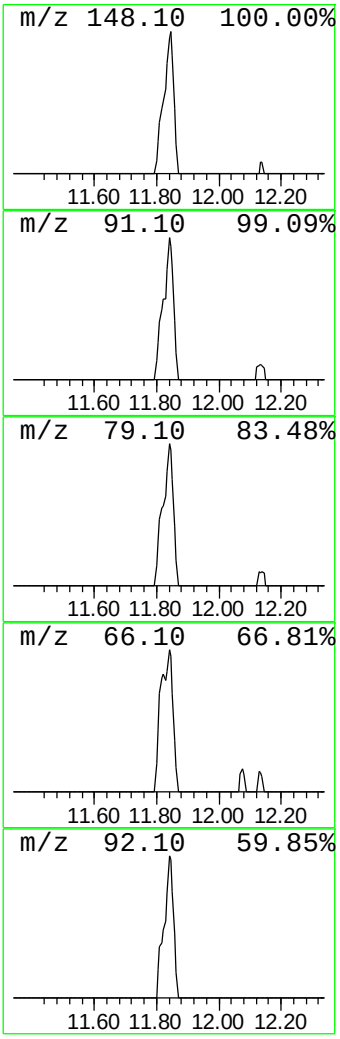
****

Peak Number 3 4,7-Methano-5H-inden-5-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.84 ng/ul	86929	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	94
2	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	94
3	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	94
4	Tetracyclo[3.3.1.1(3,7).0(4,6)]d...	148	C10H12O	052750-53-5	93
5	Bicyclo[4.3.0]nona-3,7-diene, tr...	120	C9H12	066563-20-0	52





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
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Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

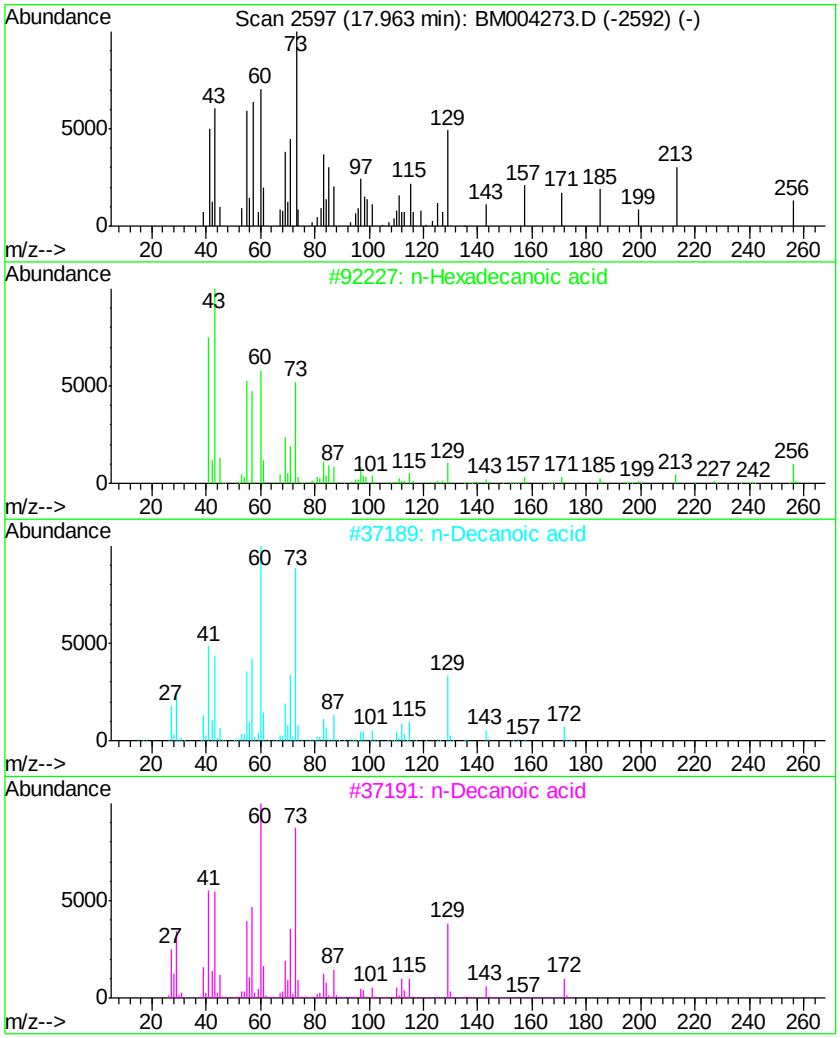
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

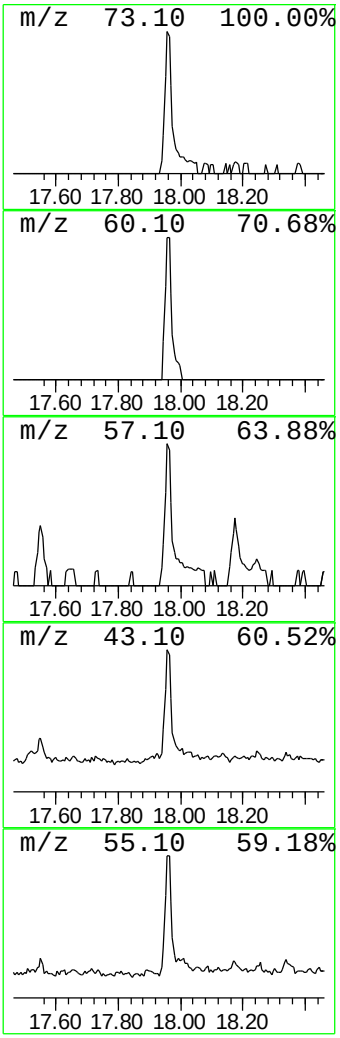
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.70 ng/ul	70957	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

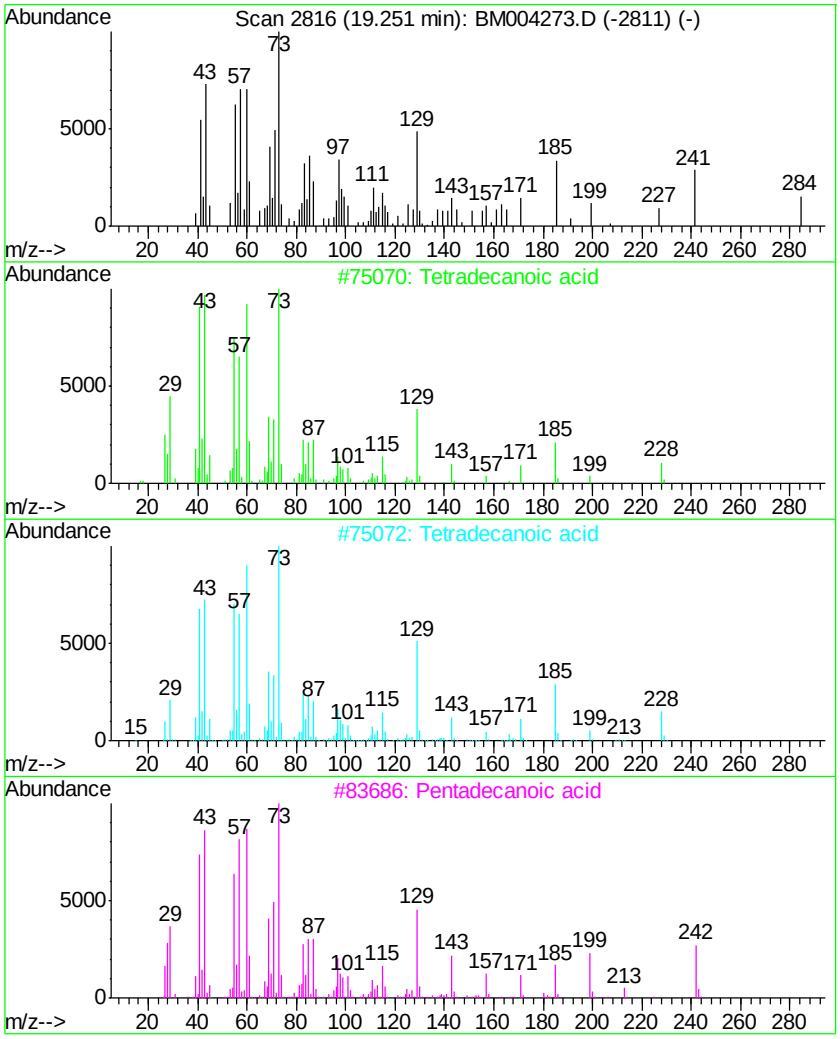
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

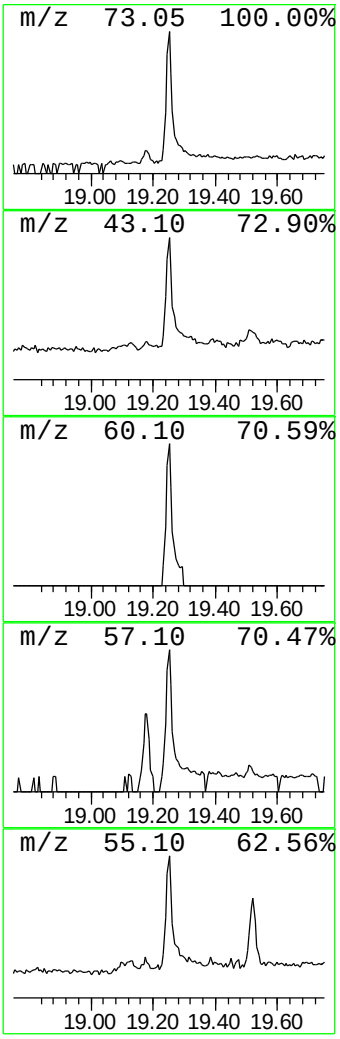
****

Peak Number 5 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	4.21 ng/ul	84198	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

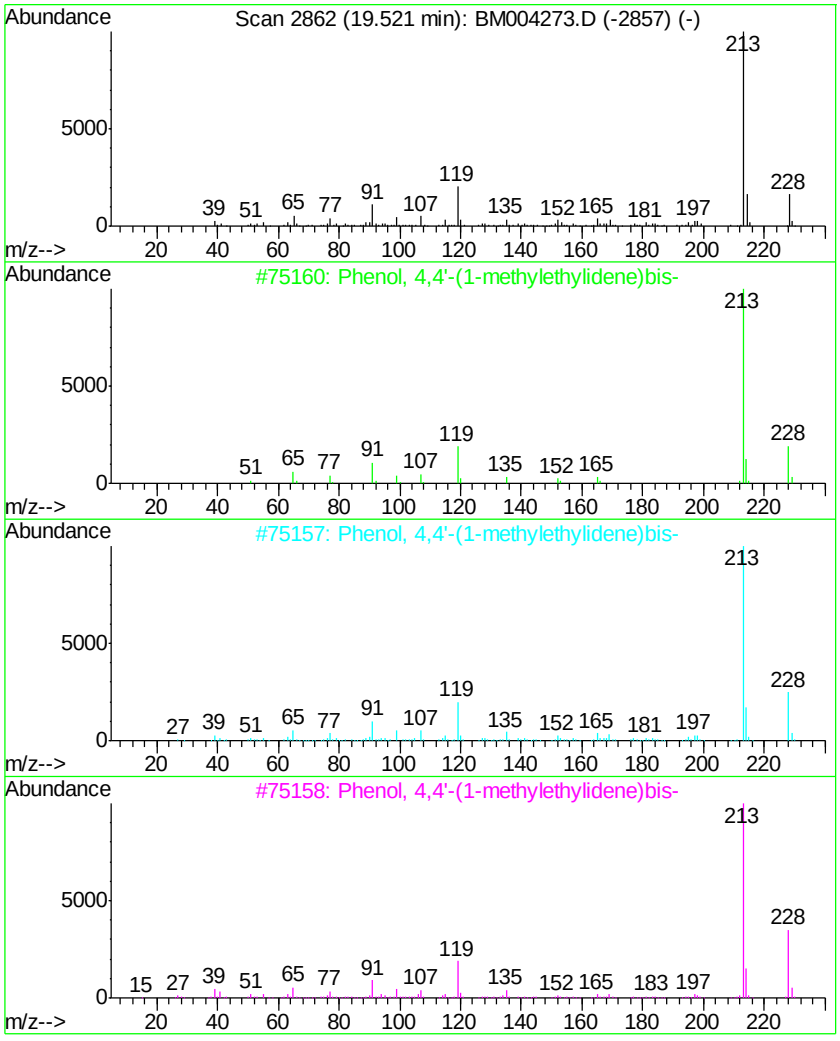
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

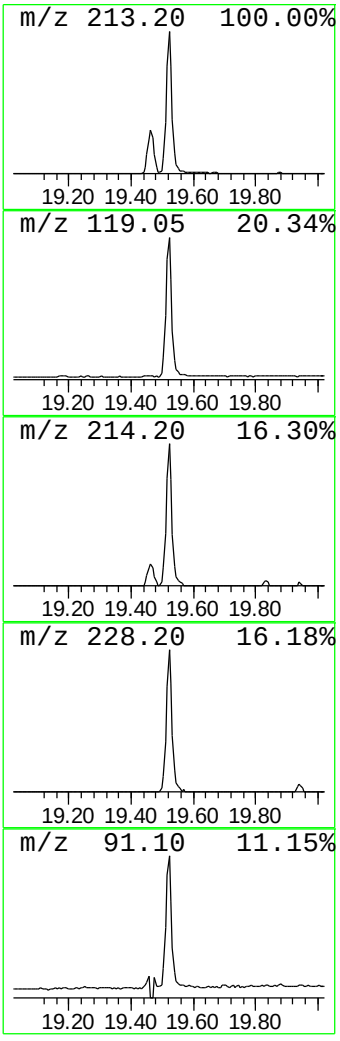
****

Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	18.95 ng/ul	378820	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	72
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

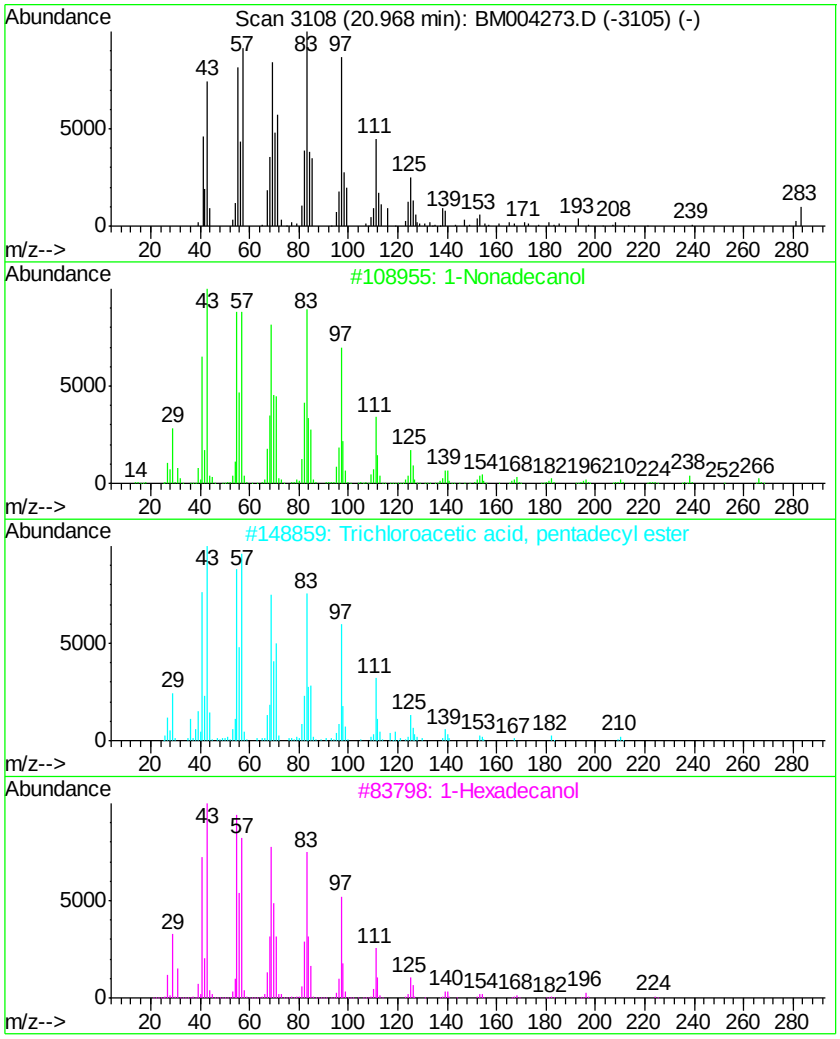
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

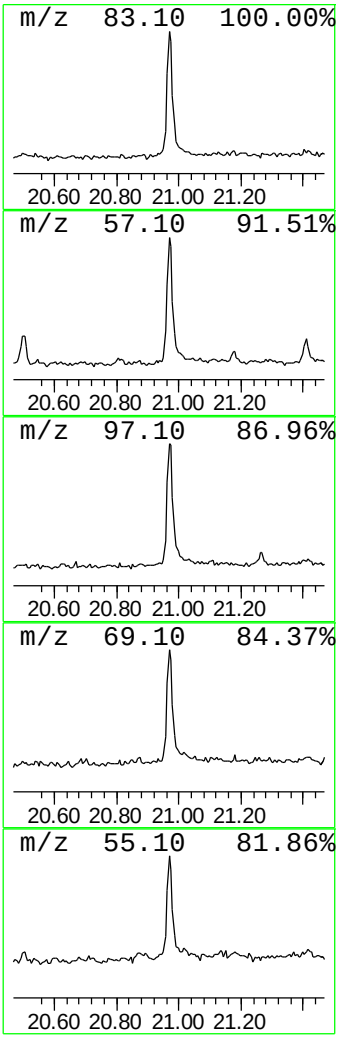
****

Peak Number 7 1-Nonadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.51 ng/ul	50174	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
Data File : BM004273.D
Acq On : 16 Feb 2016 00:05
Operator : SJ/UM
Sample : H1416-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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
Butane, 2-methoxy...	2.85	5.4	ng/ul	42441	1	7.65	156618	20.0
4,7-Methano-5H-in...	11.84	6.8	ng/ul	86929	2	10.43	254289	20.0
n-Hexadecanoic acid	17.96	3.7	ng/ul	70957	4	17.06	383203	20.0
Tetradecanoic acid	19.25	4.2	ng/ul	84198	5	21.27	399883	20.0
Phenol, 4,4'-(1-m...	19.52	18.9	ng/ul	378820	5	21.27	399883	20.0
1-Nonadecanol	20.97	2.5	ng/ul	50174	5	21.27	399883	20.0