LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM01.2-EPA-BM012315.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	2.975	45	49	57	rBV2	355797	615076	13.48%	1.424%
2	3.046	58	61	66	rVB	291131	354552	7.77%	0.821%
3	4.557	314	318	326	rVB	294396	455871	9.99%	1.056%
4	6.975	725	729	737	rVB2	112342	207168	4.54%	0.480%
5	7.145	753	758	766	rVB	359116	549501	12.04%	1.272%
6	7.345	786	792	799	rBV	365769	585263	12.82%	1.355%
7	7.810	866	871	880	rVB2	497718	802734	17.59%	1.859%
8	8.510	984	990	995	rBV	324016	517450	11.34%	1.198%
9	8.969	1061	1068	1077	rBV	589941	1001728	21.95%	2.319%
10	9.686	1184	1190	1199	rVB2	403589	662007	14.50%	1.533%
11	10.222	1274	1281	1288	rBV	613003	1026139	22.48%	2.376%
12	10.604	1339	1346	1353	rVB	710385	1198678	26.26%	2.775%
13	10.669	1353	1357	1363	rVB3	14275	27123	0.59%	0.063%
14	10.739	1363	1369	1374	rBV3	28606	46005	1.01%	0.107%
15	11.916	1564	1569	1577	rBV4	29587	48490	1.06%	0.112%
16	11.969	1577	1578	1582	rVB3	4552	4694	0.10%	0.011%
17	12.192	1611	1616	1620	rVB4	10471	14852	0.33%	0.034%
18	12.469	1659	1663	1667	rVB6	10340	12772	0.28%	0.030%
19	13.039	1755	1760	1764	rBV5	16733	26777	0.59%	0.062%
20	13.263	1795	1798	1799	rBV2	4109	5494	0.12%	0.013%
21	13.857	1892	1899	1904	rBV	1578437	2157323	47.26%	4.995%
22	13.898	1904	1906	1912	rVV	80634	108593	2.38%	0.251%
23	14.057	1928	1933	1937	rBV2	59813	104019	2.28%	0.241%
24	14.139	1940	1947	1954	rVB	1545135	2256125	49.43%	5.224%
25	14.339	1978	1981	1985	rVB	7520	10471	0.23%	0.024%
26	14.451	1993	2000	2007	rBV	1166887	1740231	38.13%	4.029%
27	14.651	2028	2034	2043	rVV2	98107	188758	4.14%	0.437%
28	14.721	2043	2046	2049	rVB4	7018	8350	0.18%	0.019%
29	14.857	2064	2069	2072	rBV6	6397	8925	0.20%	0.021%
30	15.268	2136	2139	2142	rVV4	6653	10611	0.23%	0.025%
31	15.292	2142	2143	2148	rVB4	6834	8590	0.19%	0.020%
32	15.439	2162	2168	2176	rBV	2120593	3021004	66.19%	6.995%
33	15.557	2181	2188	2197	rBV	688709	919775	20.15%	2.130%
34	15.657	2197	2205	2214	rBV	387123	574425	12.58%	1.330%

LSC Area Percent Report

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Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM01.2-EPA-BM012315.M
Title : SVOA CALIBRATION

35	15.804	2224	2230	2239	rVB	180566	249155	5.46%	0.577%
36	16.151	2286	2289	2293	rVV4	6353	9096	0.20%	0.021%
37	16.298	2313	2314	2317	rBV2	4927	4864	0.11%	0.011%
38	16.327	2317	2319	2323	rVV5	4317	5415	0.12%	0.013%
39	16.398	2329	2331	2335	rVB5	3765	4783	0.10%	0.011%
40	16.521	2351	2352	2357	rVB3	7329	5709	0.13%	0.013%
41	16.580	2357	2362	2365	rBV5	4786	9608	0.21%	0.022%
42	16.662	2373	2376	2378	rBV4	4620	4845	0.11%	0.011%
43	16.986	2426	2431	2433	rBV4	9902	9848	0.22%	0.023%
44	17.092	2448	2449	2454	rVB3	4566	5426	0.12%	0.013%
45	17.192	2459	2466	2472	rVV	1772488	2411603	52.84%	5.584%
46	17.292	2476	2483	2490	rVV	2672308	3660501	80.20%	8.476%
47	17.345	2490	2492	2497	rVV4	7310	12002	0.26%	0.028%
48	17.404	2501	2502	2506	rBV3	5268	5741	0.13%	0.013%
49	17.480	2510	2515	2516	rBV4	6347	8596	0.19%	0.020%
50	17.568	2525	2530	2533	rBV4	7124	9787	0.21%	0.023%
51	17.727	2552	2557	2558	rBV4	5706	8239	0.18%	0.019%
52	17.798	2566	2569	2571	rBV4	4889	5182	0.11%	0.012%
53	17.857	2577	2579	2582	rBV3	8270	9225	0.20%	0.021%
54	17.957	2592	2596	2600	rBV5	7092	10912	0.24%	0.025%
55	18.004	2602	2604	2607	rVB3	6154	5510	0.12%	0.013%
56	18.080	2611	2617	2622	rBV2	185388	262730	5.76%	0.608%
57	18.151	2628	2629	2633	rVB4	12730	9990	0.22%	0.023%
58	18.374	2664	2667	2668	rBV3	7169	7742	0.17%	0.018%
59	18.509	2684	2690	2693	rBV7	12197	22497	0.49%	0.052%
60	18.574	2699	2701	2704	rVB4	7891	9102	0.20%	0.021%
61	18.633	2708	2711	2713	rBV4	8449	8853	0.19%	0.020%
62	18.756	2728	2732	2733	rBV4	5795	8309	0.18%	0.019%
63	19.145	2796	2798	2799	rBV2	6373	5082	0.11%	0.012%
64	19.215	2806	2810	2817	rBV5	38021	80219	1.76%	0.186%
65	19.362	2830	2835	2841	rBV2	130647	209798	4.60%	0.486%
66	19.474	2851	2854	2860	rVB3	26385	37154	0.81%	0.086%
67	19.586	2867	2873	2885	rBV	3310395	4551647	99.72%	10.539%
68	19.845	2913	2917	2921	rVB2	35799	46570	1.02%	0.108%
69	20.121	2961	2964	2966	rBV4	10282	15066	0.33%	0.035%
70	20.180	2973	2974	2977	rVB3	7489	5900	0.13%	0.014%
71	20.303	2993	2995	2996	rBV2	9903	8856	0.19%	0.021%

LSC Area Percent Report

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Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

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\SOM01.2-EPA-BM012315.M
Title : SVOA CALIBRATION

72	20.333	2996	3000	3003	rVV3	44485	54657	1.20%	0.127%
73	20.450	3018	3020	3021	rBV2	8126	7351	0.16%	0.017%
74	20.621	3046	3049	3053	rBV6	14719	23184	0.51%	0.054%
75	20.868	3089	3091	3092	rBV2	8656	5379	0.12%	0.012%
76	21.097	3125	3130	3140	rBV2	174031	471135	10.32%	1.091%
77	21.174	3141	3143	3146	rVB3	40881	41457	0.91%	0.096%
78	21.286	3160	3162	3169	rVB7	25671	29242	0.64%	0.068%
79	21.333	3169	3170	3171	rBV	16348	6102	0.13%	0.014%
80	21.380	3172	3178	3185	rBV	2695711	3423449	75.00%	7.927%
81	22.562	3377	3379	3382	rBV3	25435	24047	0.53%	0.056%
82	23.521	3534	3542	3552	rBV2	2482681	4564396	100.00%	10.569%
83	23.668	3559	3567	3576	rVB	1749697	3387958	74.23%	7.845%
84	24.538	3709	3715	3720	rBV10	52060	124923	2.74%	0.289%

Sum of corrected areas: 43188416

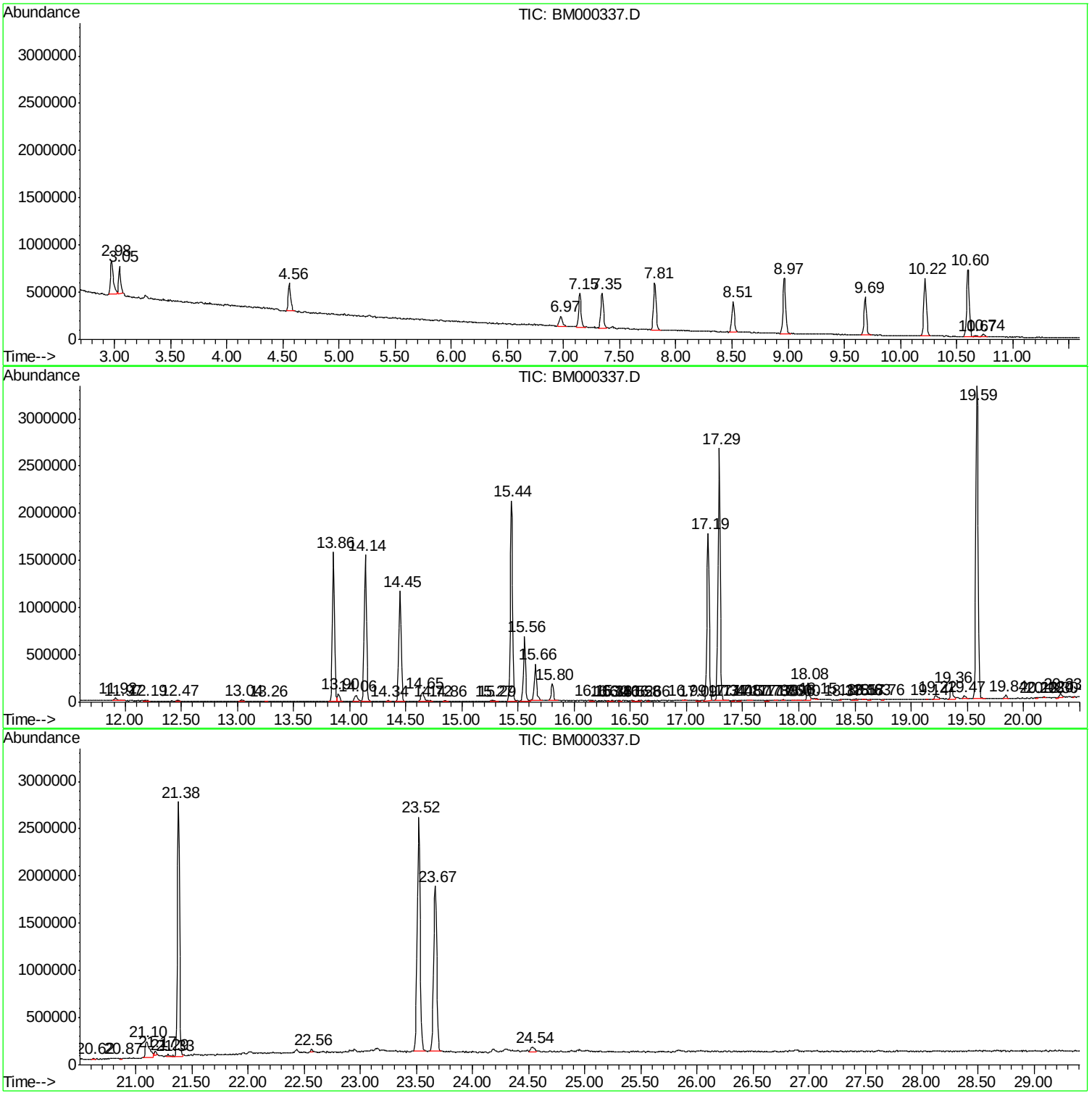
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

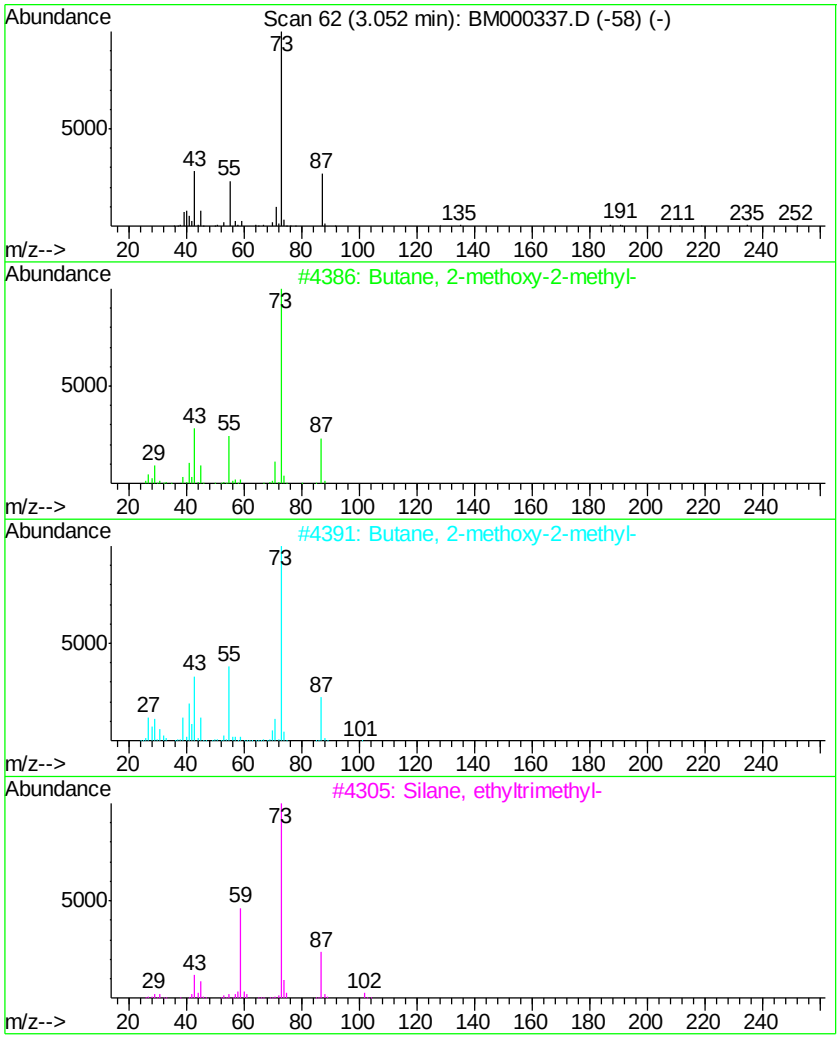
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

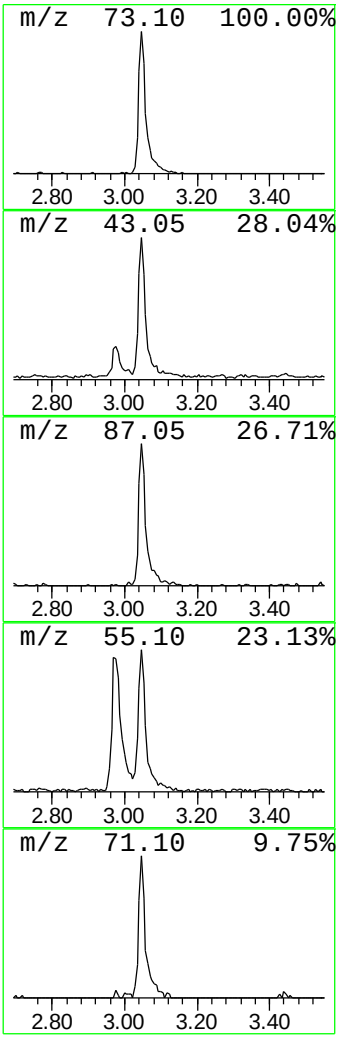
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	8.83 ng/ul	354552	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

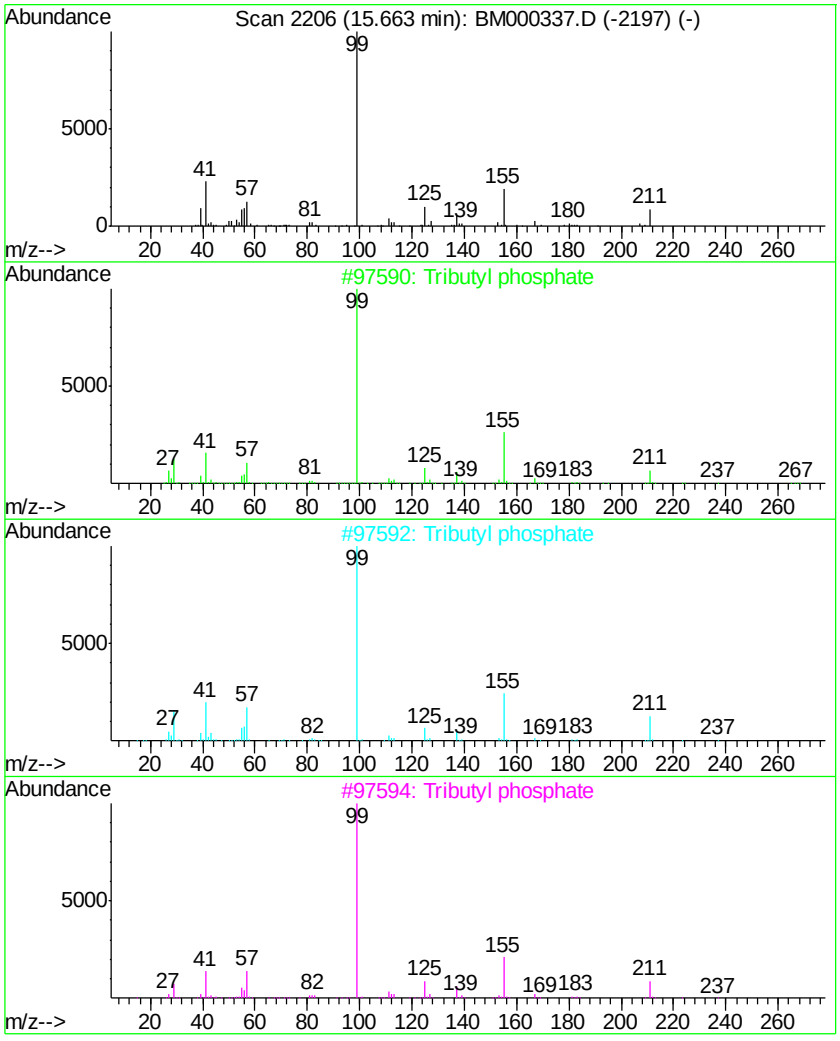
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

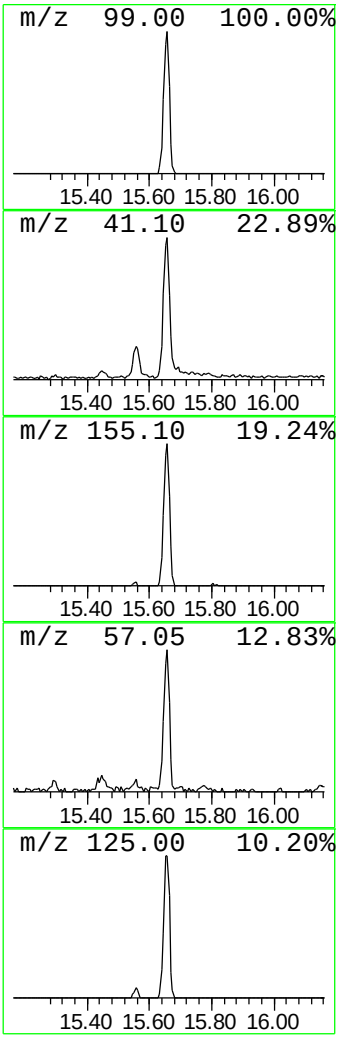
****

Peak Number 4 Tributyl phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.60 ng/ul	574425	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	86
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	72
5	Tributyl phosphate	266	C12H27O4P	000126-73-8	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
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Acq On : 24 Jan 2015 17:25
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Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

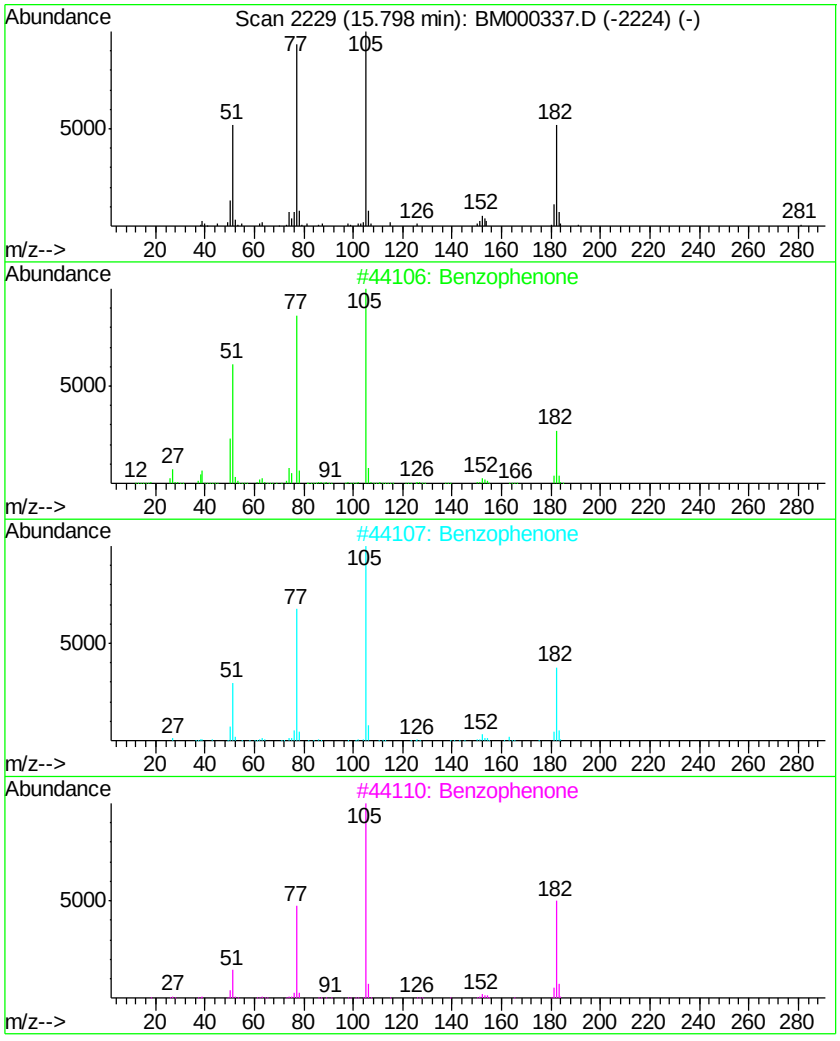
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

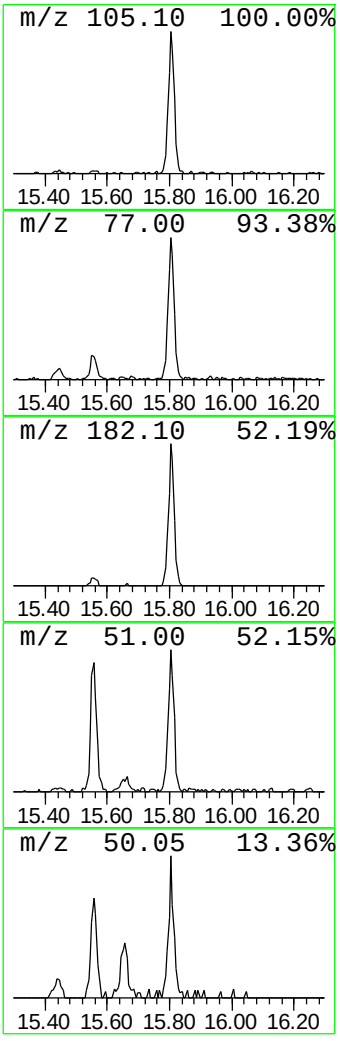
****

Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.86 ng/ul	249155	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	90
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	74





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Acq On : 24 Jan 2015 17:25
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Sample : G1134-13
Misc :
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Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

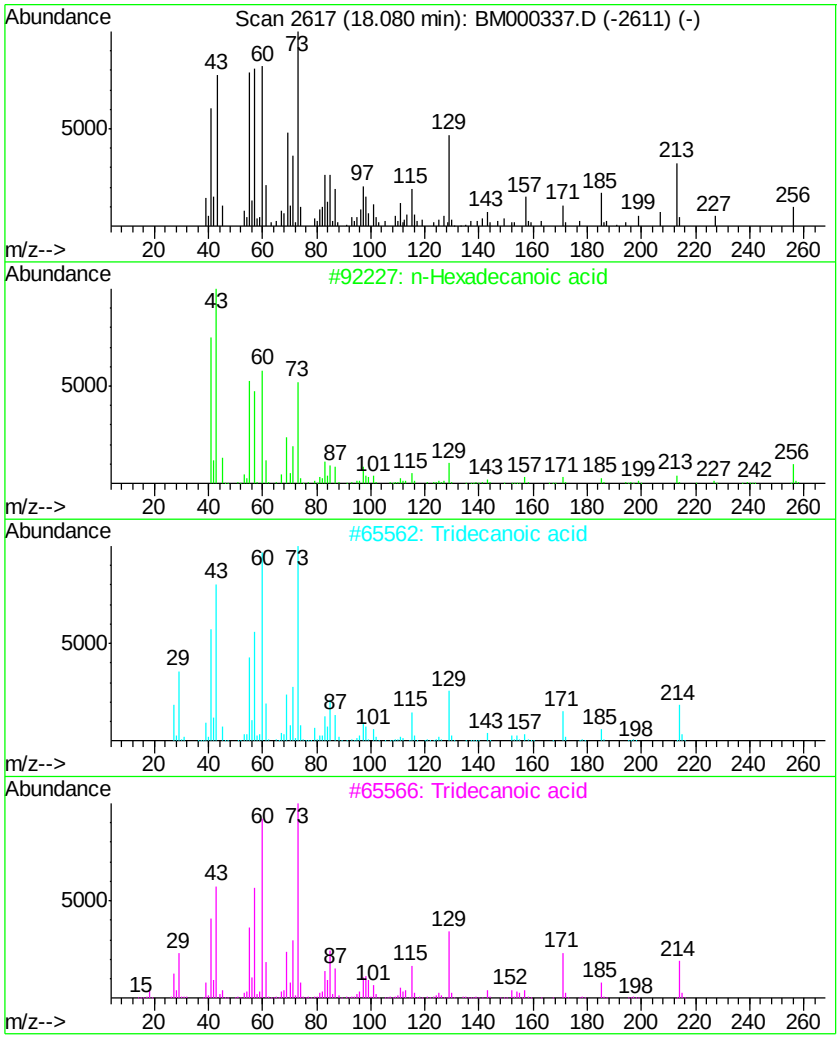
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

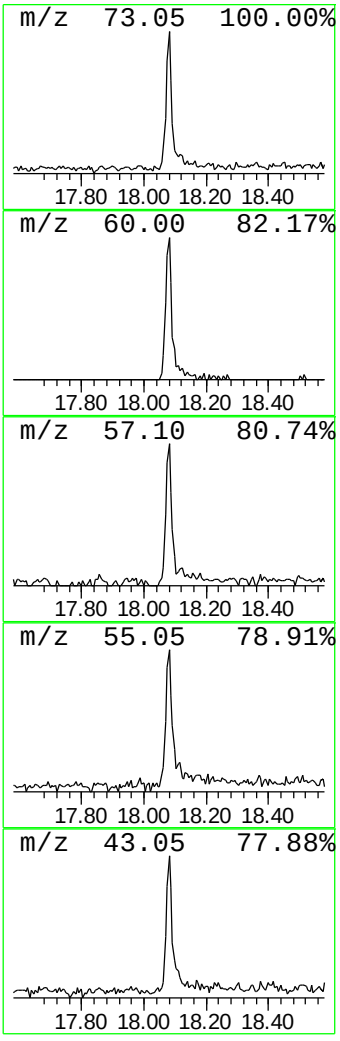
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.18 ng/ul	262730	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : G1134-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

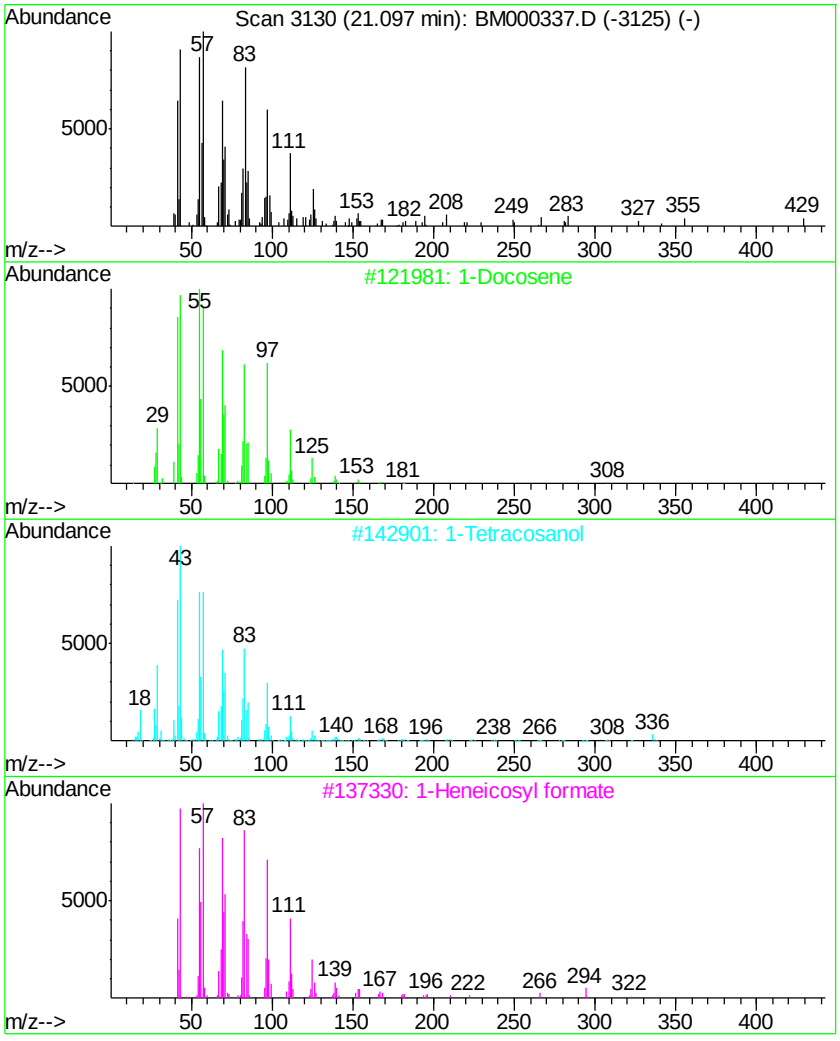
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

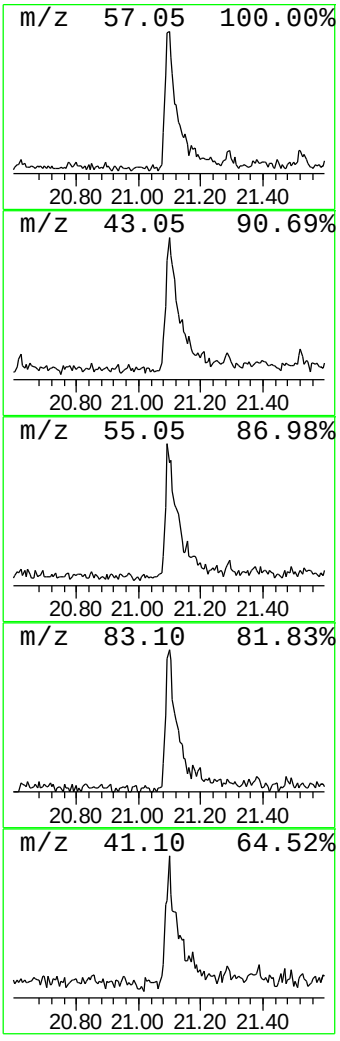
****

Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.75 ng/ul	471135	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012315\
Data File : BM000337.D
Acq On : 24 Jan 2015 17:25
Operator : TP/IZ
Sample : G1134-13
Misc :
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Instrument : BNA_M
ClientSampleId : C0AW8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.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...	3.05	8.8	ng/ul	354552	1	7.81	802734	20.0
Tributyl phosphate	15.66	6.6	ng/ul	574425	3	14.45	1740230	20.0
Benzophenone	15.80	2.9	ng/ul	249155	3	14.45	1740230	20.0
n-Hexadecanoic acid	18.08	2.2	ng/ul	262730	4	17.19	2411600	20.0
1-Docosene	21.10	2.8	ng/ul	471135	5	21.38	3423450	20.0