

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
 Data File : BM000336.D
 Acq On : 24 Jan 2015 16:50
 Operator : TP/IZ
 Sample : G1134-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	58	rBV	351485	602915	12.70%	1.407%
2	3.046	58	61	69	rVB2	305089	427403	9.00%	0.997%
3	4.557	314	318	326	rVB2	264082	416345	8.77%	0.971%
4	6.975	725	729	739	rVB4	107845	218172	4.59%	0.509%
5	7.145	753	758	768	rVB	345701	544594	11.47%	1.271%
6	7.345	786	792	802	rVB2	328539	550405	11.59%	1.284%
7	7.810	866	871	879	rVB	495794	789054	16.62%	1.841%
8	8.510	984	990	1001	rVB	311460	504328	10.62%	1.177%
9	8.969	1061	1068	1077	rVB	549056	931826	19.62%	2.174%
10	9.686	1184	1190	1200	rVB	376944	621178	13.08%	1.449%
11	10.222	1274	1281	1292	rBV	571121	985901	20.76%	2.300%
12	10.369	1304	1306	1308	rBV3	6006	7372	0.16%	0.017%
13	10.604	1338	1346	1354	rVV	688797	1166145	24.56%	2.721%
14	10.669	1354	1357	1360	rBV4	16063	22128	0.47%	0.052%
15	10.739	1365	1369	1375	rVB4	22546	38841	0.82%	0.091%
16	11.086	1426	1428	1430	rBV2	5855	5136	0.11%	0.012%
17	11.251	1452	1456	1460	rBV3	3737	6473	0.14%	0.015%
18	11.504	1497	1499	1504	rVB3	4774	6073	0.13%	0.014%
19	11.557	1504	1508	1510	rBV2	4579	6290	0.13%	0.015%
20	11.916	1564	1569	1577	rVB3	34539	51799	1.09%	0.121%
21	12.051	1589	1592	1594	rBV2	3709	4761	0.10%	0.011%
22	12.192	1612	1616	1620	rVB5	7827	10148	0.21%	0.024%
23	12.398	1647	1651	1654	rBV3	4512	6329	0.13%	0.015%
24	12.516	1669	1671	1675	rBV3	3236	4856	0.10%	0.011%
25	13.039	1754	1760	1766	rBV5	16181	29171	0.61%	0.068%
26	13.857	1893	1899	1904	rBV	1595186	2120382	44.65%	4.947%
27	13.898	1904	1906	1912	rVB	116173	150827	3.18%	0.352%
28	14.057	1928	1933	1940	rBV2	72054	118275	2.49%	0.276%
29	14.139	1940	1947	1954	rVB	1502360	2160899	45.50%	5.042%
30	14.345	1977	1982	1988	rBV6	9264	17106	0.36%	0.040%
31	14.451	1993	2000	2006	rBV	1131048	1680872	35.39%	3.922%
32	14.651	2027	2034	2043	rBV3	89960	177981	3.75%	0.415%
33	14.715	2043	2045	2046	rVV2	6479	6117	0.13%	0.014%
34	14.727	2046	2047	2050	rVB2	9826	5687	0.12%	0.013%

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35	15.239	2131	2134	2135	rBV2	5360	4829	0.10%	0.011%
36	15.268	2135	2139	2141	rVV3	11009	14135	0.30%	0.033%
37	15.292	2141	2143	2146	rVB3	10391	11226	0.24%	0.026%
38	15.439	2161	2168	2182	rBV	2072051	2979973	62.75%	6.953%
39	15.557	2182	2188	2194	rBV	666868	892141	18.79%	2.082%
40	15.657	2196	2205	2216	rVV	489523	693739	14.61%	1.619%
41	15.804	2225	2230	2239	rVB	215025	297707	6.27%	0.695%
42	16.157	2283	2290	2291	rBV6	4581	7872	0.17%	0.018%
43	16.445	2335	2339	2342	rBV4	5983	8193	0.17%	0.019%
44	16.592	2361	2364	2368	rVB5	6537	8535	0.18%	0.020%
45	16.633	2368	2371	2374	rBV4	6053	6644	0.14%	0.016%
46	16.804	2399	2400	2404	rBV4	5847	6386	0.13%	0.015%
47	16.945	2422	2424	2426	rBV3	5486	5204	0.11%	0.012%
48	16.968	2426	2428	2430	rVV2	5264	5684	0.12%	0.013%
49	16.986	2430	2431	2433	rVB2	11580	5114	0.11%	0.012%
50	17.192	2460	2466	2474	rBV	1667372	2338764	49.25%	5.457%
51	17.292	2476	2483	2490	rBV	2563598	3633616	76.51%	8.478%
52	17.468	2510	2513	2516	rVB4	5712	7714	0.16%	0.018%
53	17.545	2524	2526	2528	rBV3	5034	4981	0.10%	0.012%
54	17.580	2528	2532	2536	rVB7	7017	10748	0.23%	0.025%
55	17.792	2566	2568	2570	rBV3	5733	5019	0.11%	0.012%
56	17.856	2575	2579	2584	rBV6	7153	14699	0.31%	0.034%
57	17.951	2592	2595	2600	rVB5	7881	10718	0.23%	0.025%
58	18.080	2611	2617	2626	rBV3	182089	303237	6.39%	0.708%
59	18.498	2682	2688	2691	rBV7	13465	24083	0.51%	0.056%
60	18.698	2721	2722	2725	rBV3	7449	6124	0.13%	0.014%
61	18.909	2756	2758	2759	rBV2	5296	5360	0.11%	0.013%
62	19.103	2789	2791	2794	rBV3	6098	5570	0.12%	0.013%
63	19.221	2806	2811	2820	rBV5	39153	99907	2.10%	0.233%
64	19.286	2820	2822	2824	rVB3	5766	4951	0.10%	0.012%
65	19.362	2830	2835	2844	rBV3	106197	188277	3.96%	0.439%
66	19.474	2851	2854	2858	rVB3	36138	43145	0.91%	0.101%
67	19.515	2858	2861	2863	rVB3	12604	14865	0.31%	0.035%
68	19.586	2867	2873	2880	rBV	3200198	4471723	94.16%	10.433%
69	19.721	2894	2896	2898	rBV3	5047	5010	0.11%	0.012%
70	19.844	2912	2917	2921	rVB	37367	53536	1.13%	0.125%
71	20.121	2961	2964	2966	rBV3	8051	11515	0.24%	0.027%

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72	20.239	2982	2984	2986	rBV3	10783	6911	0.15%	0.016%
73	20.303	2994	2995	2996	rBV	10731	7325	0.15%	0.017%
74	20.327	2996	2999	3006	rVB2	43021	66352	1.40%	0.155%
75	20.503	3027	3029	3032	rVB4	16956	16935	0.36%	0.040%
76	20.556	3035	3038	3040	rBV4	29436	28635	0.60%	0.067%
77	21.027	3116	3118	3120	rBV3	9601	8880	0.19%	0.021%
78	21.097	3125	3130	3139	rBV5	185914	511127	10.76%	1.193%
79	21.380	3172	3178	3187	rBV	2659993	3390264	71.39%	7.910%
80	22.562	3376	3379	3383	rBV5	33403	43022	0.91%	0.100%
81	22.944	3442	3444	3450	rVB7	38083	46274	0.97%	0.108%
82	23.521	3534	3542	3553	rVB2	2503151	4748997	100.00%	11.080%
83	23.668	3559	3567	3575	rBV2	1678673	3349473	70.53%	7.815%
84	24.180	3652	3654	3656	rBV2	27639	29130	0.61%	0.068%

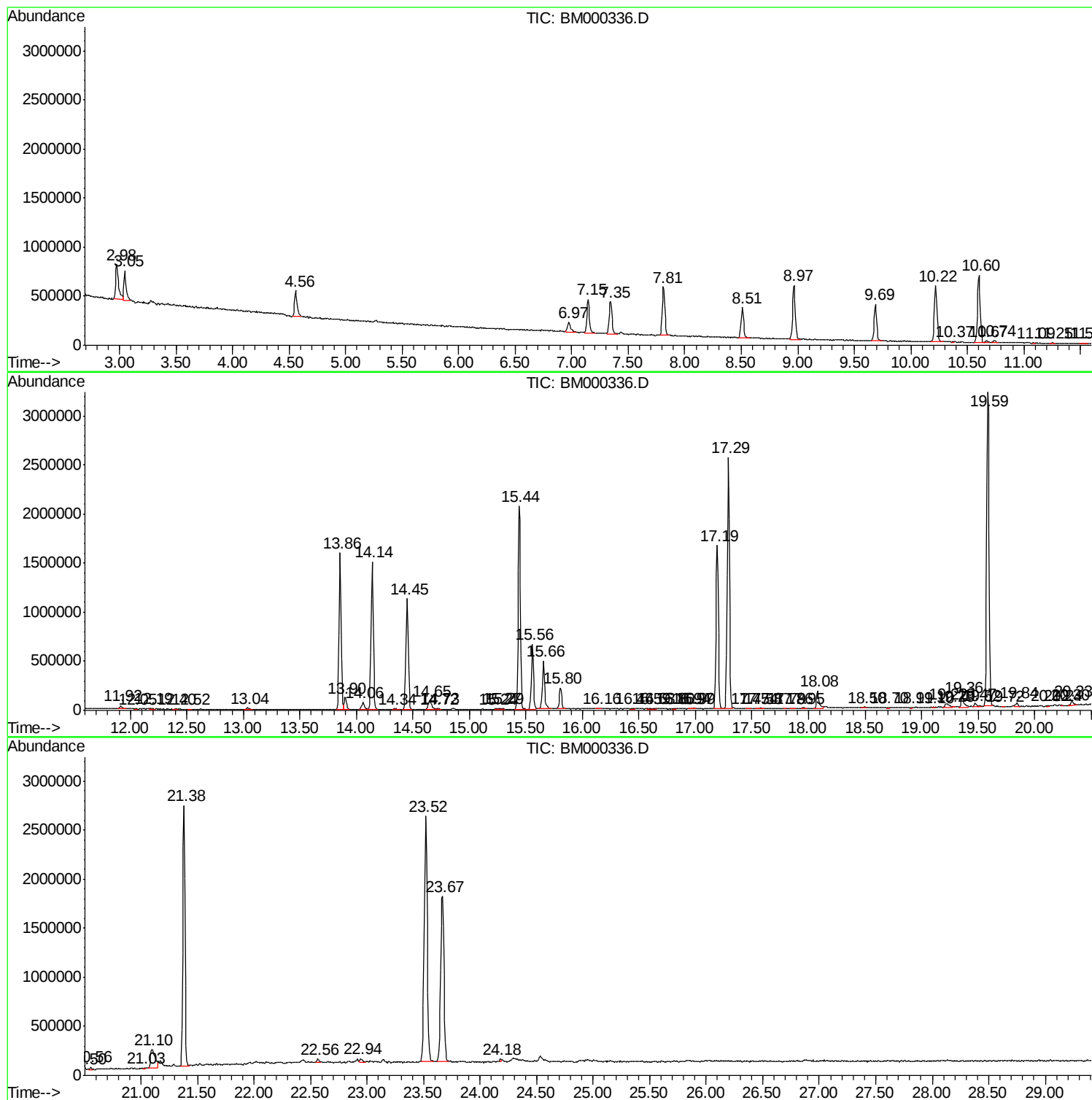
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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



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Sample : G1134-12
Misc :
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Instrument :
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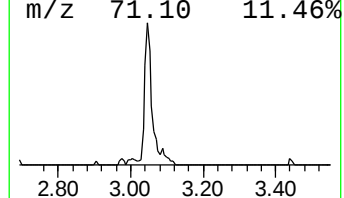
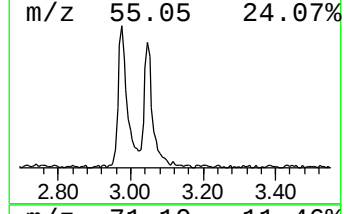
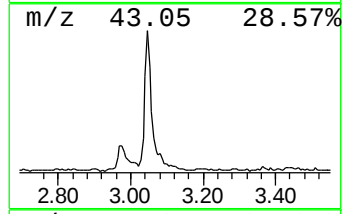
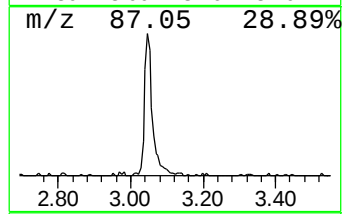
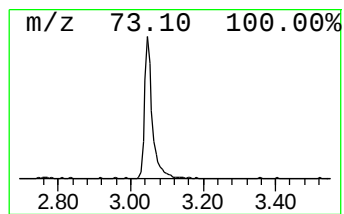
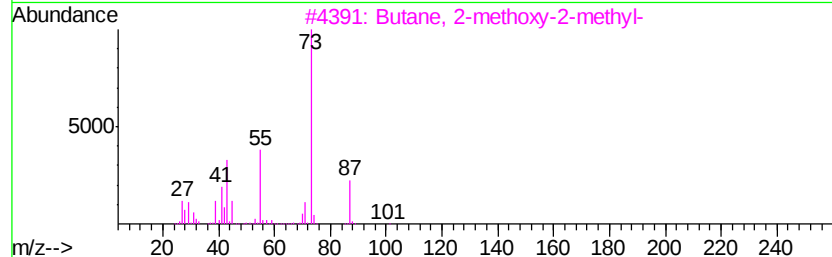
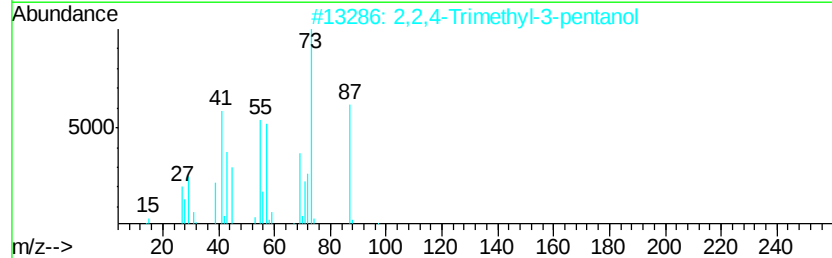
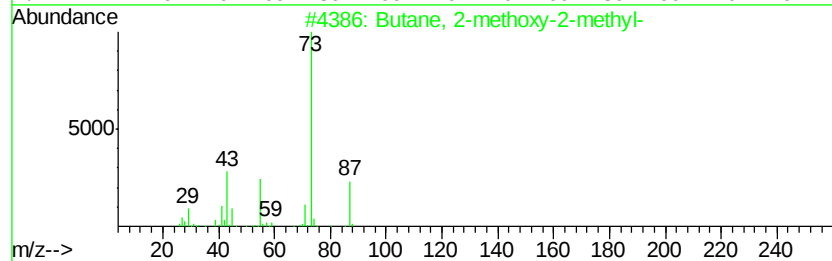
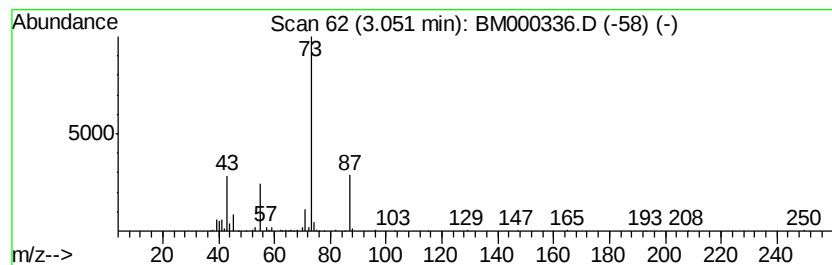
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	10.83 ng/ul	427403	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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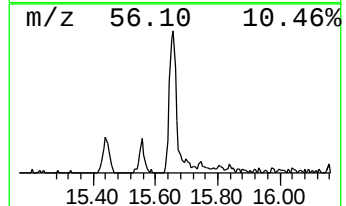
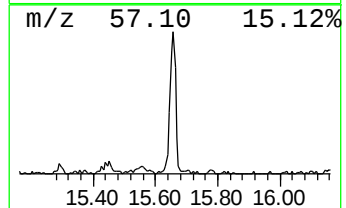
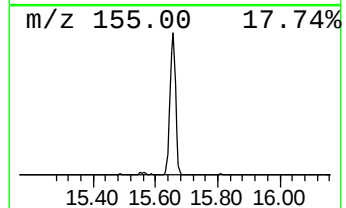
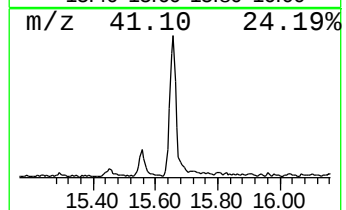
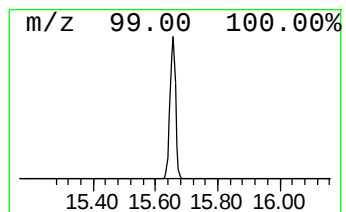
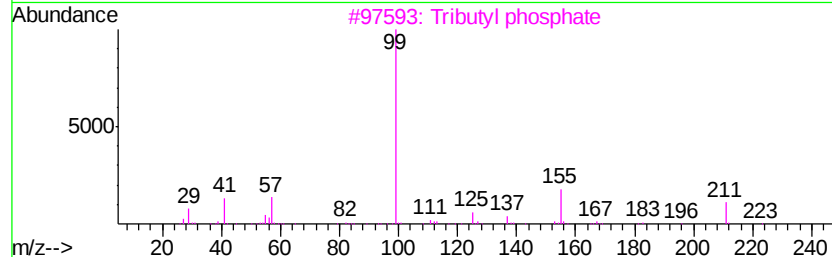
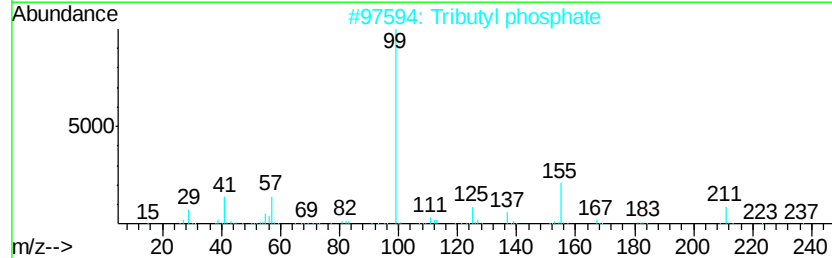
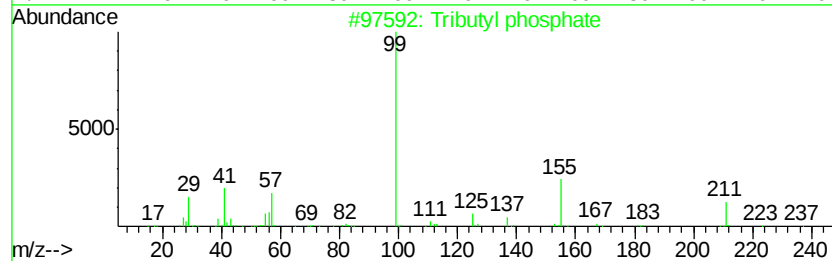
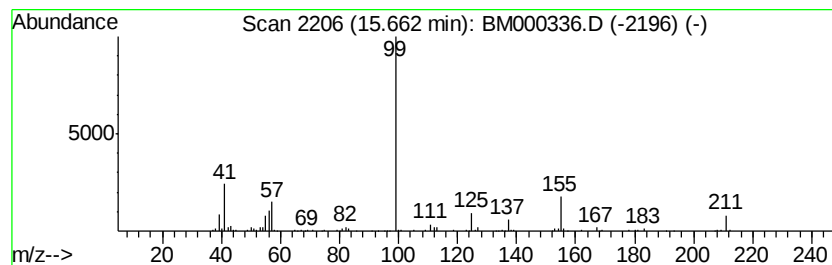
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Quant Title : SVOA CALIBRATION

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	8.25 ng/ul	693739	Acenaphthene-d10	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tributyl phosphate	266 C12H27O4P	000126-73-8 90
2		Tributyl phosphate	266 C12H27O4P	000126-73-8 86
3		Tributyl phosphate	266 C12H27O4P	000126-73-8 78
4		Phosphoric acid, trioctyl ester	434 C24H51O4P	001806-54-8 53
5		Tributyl phosphate	266 C12H27O4P	000126-73-8 52



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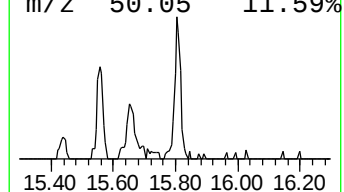
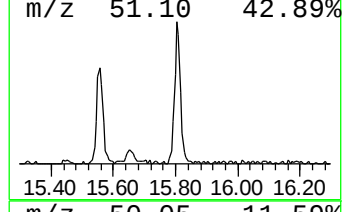
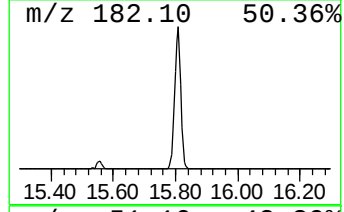
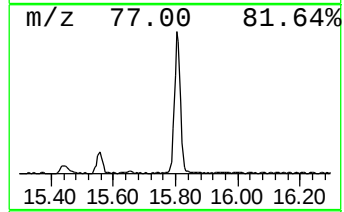
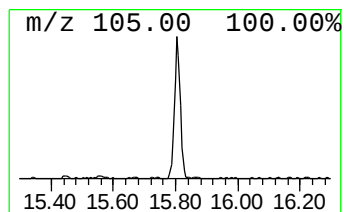
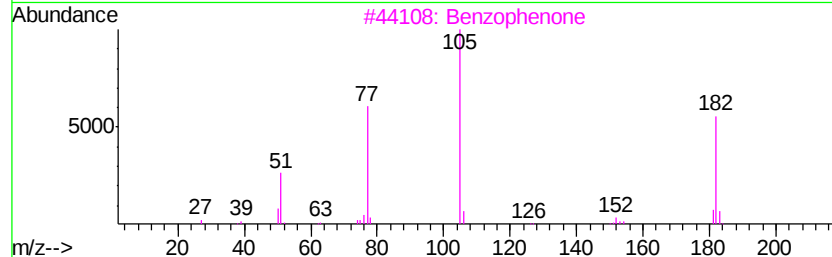
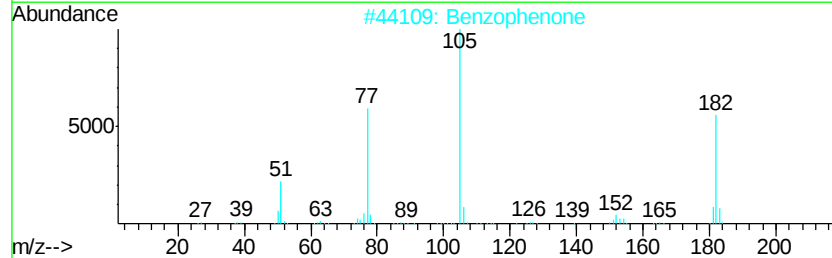
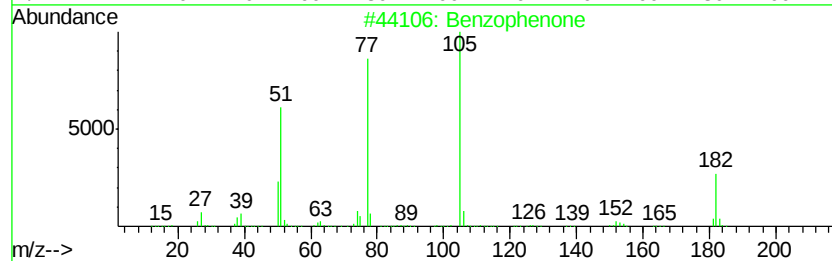
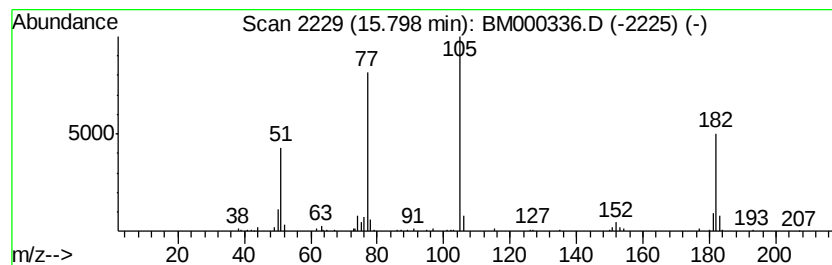
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Quant Title : SVOA CALIBRATION

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	3.54 ng/ul	297707	Acenaphthene-d10	14.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	94
3	Benzophenone		182	C13H10O	000119-61-9	94
4	Benzophenone		182	C13H10O	000119-61-9	91
5	Benzophenone		182	C13H10O	000119-61-9	87



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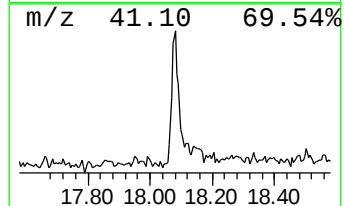
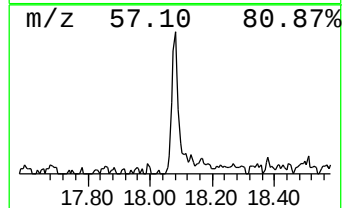
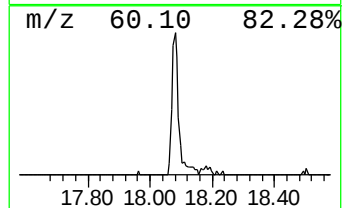
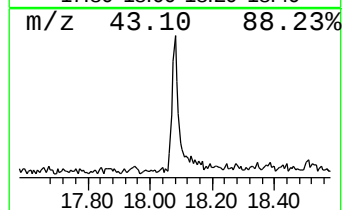
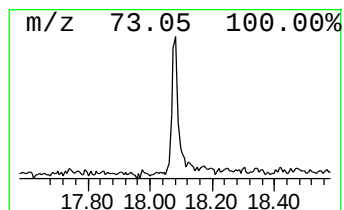
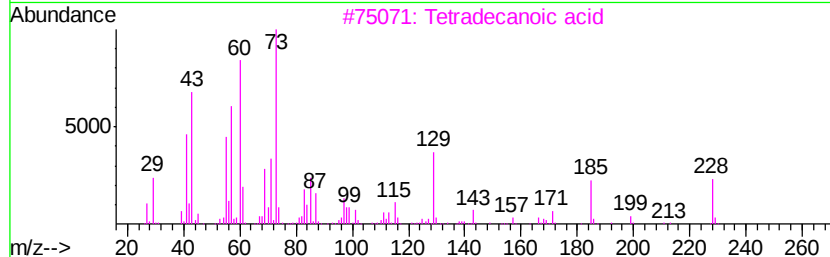
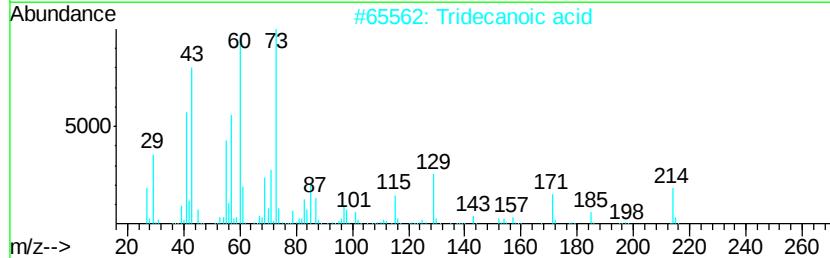
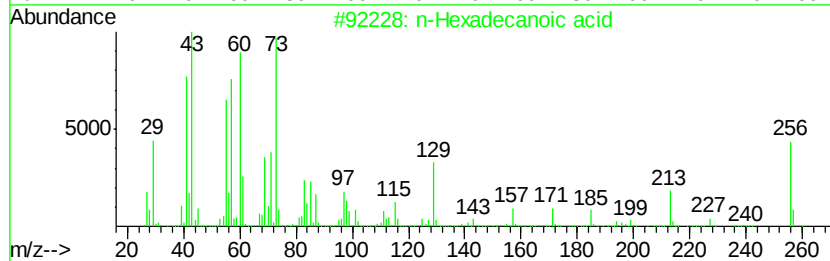
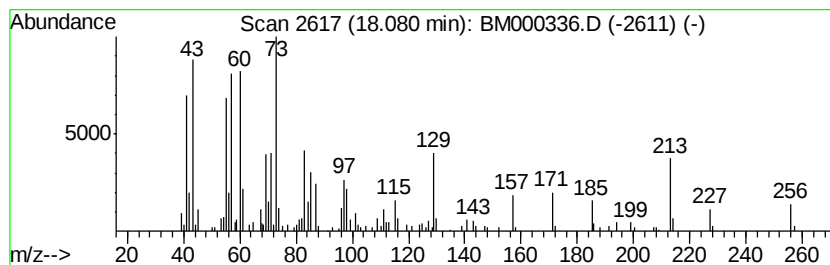
Instrument :
BNA_M
ClientSampleId :
C0AW2

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	2.59 ng/ul	303237	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	60
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000336.D
Acq On : 24 Jan 2015 16:50
Operator : TP/IZ
Sample : G1134-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW2

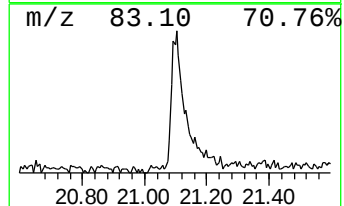
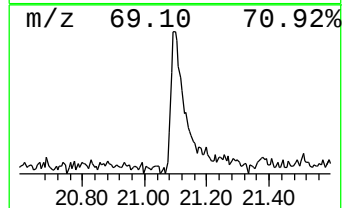
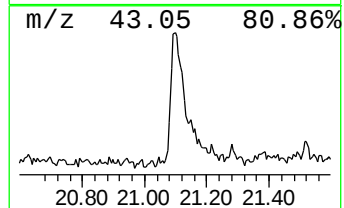
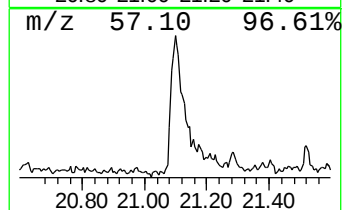
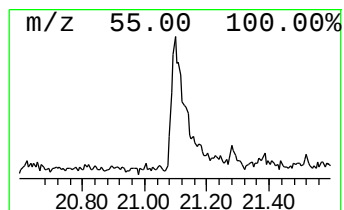
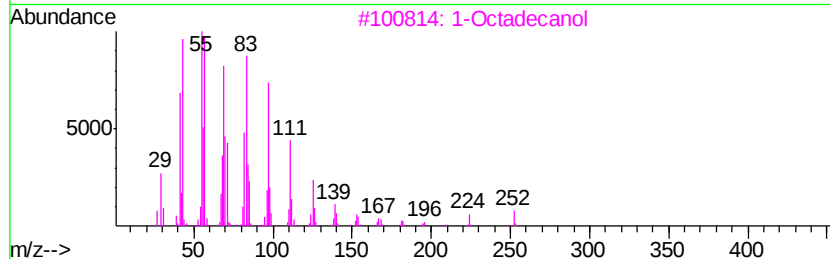
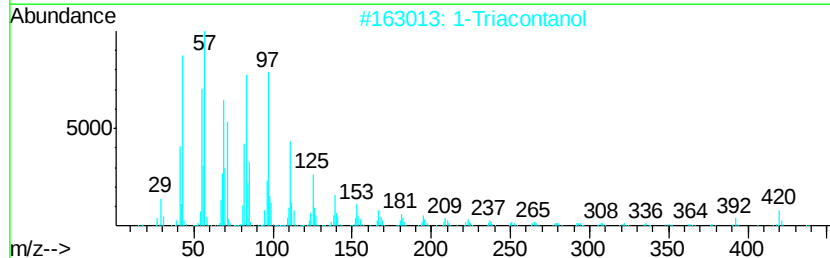
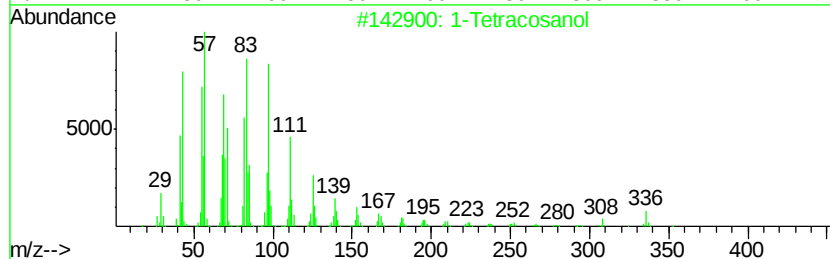
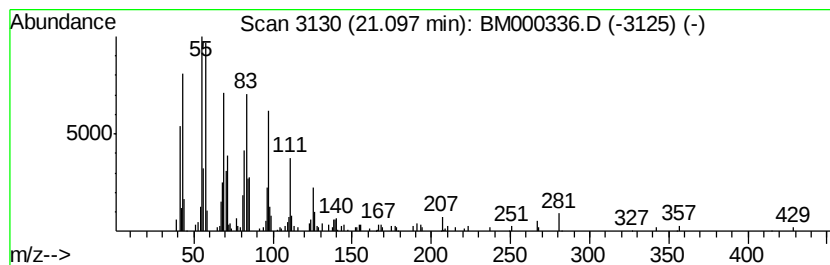
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Tetracosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.02 ng/ul	511127	Chrysene-d12	21.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol		354	C24H50O	000506-51-4	94
2	1-Triacontanol		438	C30H62O	000593-50-0	90
3	1-Octadecanol		270	C18H38O	000112-92-5	87
4	1-Docosanethiol		342	C22H46S	007773-83-3	83
5	Acetic acid, chloro-, hexadecyl ...		318	C18H35ClO2	052132-58-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012315\
Data File : BM000336.D
Acq On : 24 Jan 2015 16:50
Operator : TP/IZ
Sample : G1134-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW2

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	10.8	ng/ul	427403	1	7.81	789054	20.0
Tributyl phosphate	15.66	8.3	ng/ul	693739	3	14.45	1680870	20.0
Benzophenone	15.80	3.5	ng/ul	297707	3	14.45	1680870	20.0
n-Hexadecanoic acid	18.08	2.6	ng/ul	303237	4	17.19	2338760	20.0
1-Tetracosanol	21.10	3.0	ng/ul	511127	5	21.38	3390260	20.0