

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002788.D
 Acq On : 30 Sep 2015 18:58
 Operator : UM/IZ
 Sample : G3838-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MX7

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\SOM02.2-EPA-BM092915.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	3.110	3	4	13	rVB	39813	44916	3.22%	0.227%
2	3.275	29	32	37	rBV2	4150	5658	0.41%	0.029%
3	3.363	41	47	53	rBV	48020	108212	7.76%	0.548%
4	3.457	57	63	71	rVV	701643	1078105	77.36%	5.456%
5	3.769	112	116	122	rBV	16326	24289	1.74%	0.123%
6	4.093	165	171	183	rBV	10150	19610	1.41%	0.099%
7	4.498	236	240	245	rBV3	1837	3634	0.26%	0.018%
8	4.628	256	262	267	rBV3	1712	3119	0.22%	0.016%
9	4.869	297	303	307	rBV2	3071	5135	0.37%	0.026%
10	5.287	370	374	377	rBV2	1283	1692	0.12%	0.009%
11	5.316	377	379	383	rVV2	1757	2017	0.14%	0.010%
12	5.393	385	392	393	rBV3	1099	1734	0.12%	0.009%
13	5.516	408	413	415	rBV2	1115	1646	0.12%	0.008%
14	5.628	427	432	440	rVB	13255	21686	1.56%	0.110%
15	6.010	494	497	507	rBV2	2471	5719	0.41%	0.029%
16	6.675	605	610	613	rVB2	1653	2723	0.20%	0.014%
17	6.828	634	636	642	rBV2	1503	2299	0.16%	0.012%
18	7.139	684	689	694	rBV2	1595	2930	0.21%	0.015%
19	7.634	764	773	778	rBV3	8155	16587	1.19%	0.084%
20	7.822	797	805	813	rBV	291761	494496	35.48%	2.503%
21	7.992	827	834	846	rVB	250035	406054	29.14%	2.055%
22	8.216	865	872	885	rBV	320973	551759	39.59%	2.793%
23	8.445	906	911	914	rBV2	1002	1769	0.13%	0.009%
24	8.704	947	955	965	rVB	310035	535884	38.45%	2.712%
25	9.239	1042	1046	1050	rBV3	1183	1664	0.12%	0.008%
26	9.404	1067	1074	1086	rVB	363826	618363	44.37%	3.130%
27	9.898	1150	1158	1165	rBV	271731	471153	33.81%	2.385%
28	9.957	1165	1168	1173	rVV	6732	9739	0.70%	0.049%
29	10.016	1173	1178	1184	rVB2	3185	5683	0.41%	0.029%
30	10.628	1275	1282	1293	rBV	221221	382581	27.45%	1.936%
31	10.810	1307	1313	1317	rVB3	1611	2877	0.21%	0.015%
32	11.169	1367	1374	1386	rBV	337394	603122	43.28%	3.053%
33	11.280	1389	1393	1399	rVB	2102	4111	0.29%	0.021%
34	11.563	1433	1441	1451	rBV	442002	768080	55.11%	3.887%

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35	11.686	1455	1462	1476	rBV	316138	574133	41.20%	2.906%
36	12.263	1556	1560	1564	rBV3	2831	4207	0.30%	0.021%
37	12.451	1586	1592	1593	rBV2	1189	1623	0.12%	0.008%
38	12.821	1650	1655	1660	rBV	1453	2706	0.19%	0.014%
39	12.869	1660	1663	1667	rVB2	1929	2427	0.17%	0.012%
40	13.010	1683	1687	1691	rVV	1257	1653	0.12%	0.008%
41	13.069	1693	1697	1699	rVV2	1552	2375	0.17%	0.012%
42	13.098	1699	1702	1706	rVV	4840	7600	0.55%	0.038%
43	13.169	1710	1714	1717	rBV2	2045	2371	0.17%	0.012%
44	13.651	1792	1796	1801	rVB	7244	10499	0.75%	0.053%
45	13.786	1815	1819	1823	rVB2	1891	3223	0.23%	0.016%
46	13.886	1830	1836	1840	rBV	10892	16415	1.18%	0.083%
47	14.068	1864	1867	1871	rVB2	2015	2948	0.21%	0.015%
48	14.139	1877	1879	1883	rVB3	2313	2532	0.18%	0.013%
49	14.221	1888	1893	1897	rBV4	2281	3679	0.26%	0.019%
50	14.680	1964	1971	1975	rBV	550613	810302	58.14%	4.101%
51	14.721	1975	1978	1990	rVB	292474	394044	28.27%	1.994%
52	14.886	2000	2006	2012	rBV3	3319	6105	0.44%	0.031%
53	15.004	2019	2026	2036	rBV	714456	1091498	78.32%	5.524%
54	15.115	2039	2045	2052	rBV4	6126	11397	0.82%	0.058%
55	15.298	2069	2076	2084	rVB2	571172	886855	63.64%	4.489%
56	15.474	2099	2106	2117	rBV	185657	325203	23.34%	1.646%
57	15.627	2129	2132	2136	rBV4	3730	6024	0.43%	0.030%
58	15.904	2176	2179	2183	rBV4	2333	4128	0.30%	0.021%
59	15.939	2183	2185	2189	rVV5	1299	1906	0.14%	0.010%
60	16.009	2192	2197	2200	rVV2	6673	10679	0.77%	0.054%
61	16.051	2200	2204	2208	rVB	11336	13447	0.96%	0.068%
62	16.145	2219	2220	2227	rVB2	1838	2654	0.19%	0.013%
63	16.221	2229	2233	2235	rVV3	1225	1722	0.12%	0.009%
64	16.274	2235	2242	2249	rVB	848521	1265255	90.79%	6.404%
65	16.398	2258	2263	2269	rBV	128973	182512	13.10%	0.924%
66	16.445	2269	2271	2276	rVV5	6214	8520	0.61%	0.043%
67	16.504	2278	2281	2287	rVB	7027	9903	0.71%	0.050%
68	16.739	2317	2321	2324	rBV3	3206	4439	0.32%	0.022%
69	16.845	2335	2339	2343	rVB5	2176	3310	0.24%	0.017%
70	16.898	2343	2348	2357	rBV2	17779	40549	2.91%	0.205%
71	17.033	2368	2371	2373	rVV3	2176	2608	0.19%	0.013%

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72	17.068	2375	2377	2378	rVV	2403	1931	0.14%	0.010%
73	17.104	2378	2383	2390	rVB	17726	27349	1.96%	0.138%
74	17.292	2413	2415	2418	rVB2	2951	2828	0.20%	0.014%
75	17.333	2420	2422	2423	rBV2	3014	2490	0.18%	0.013%
76	17.404	2432	2434	2436	rVB3	2831	2057	0.15%	0.010%
77	17.427	2436	2438	2442	rBV4	1802	1846	0.13%	0.009%
78	17.468	2442	2445	2447	rBV3	2643	2395	0.17%	0.012%
79	17.627	2470	2472	2474	rBV3	2194	2160	0.15%	0.011%
80	17.680	2474	2481	2484	rBV3	22544	29784	2.14%	0.151%
81	17.727	2487	2489	2493	rVB	7220	8274	0.59%	0.042%
82	17.827	2499	2506	2512	rBV4	7458	16500	1.18%	0.084%
83	17.892	2515	2517	2519	rBV2	3085	2554	0.18%	0.013%
84	17.962	2526	2529	2532	rBV	17537	23068	1.66%	0.117%
85	18.009	2532	2537	2543	rBV2	621169	925337	66.40%	4.683%
86	18.109	2548	2554	2566	rVV2	844970	1287487	92.38%	6.516%
87	18.280	2579	2583	2584	rBV4	6622	7332	0.53%	0.037%
88	18.409	2601	2605	2610	rBV	17702	22736	1.63%	0.115%
89	18.551	2626	2629	2632	rBV	15792	20574	1.48%	0.104%
90	18.680	2648	2651	2657	rBV8	5341	13517	0.97%	0.068%
91	18.803	2668	2672	2679	rBV	94312	140097	10.05%	0.709%
92	18.892	2684	2687	2693	rVB	28263	43466	3.12%	0.220%
93	19.080	2716	2719	2722	rVB2	10335	12492	0.90%	0.063%
94	20.009	2874	2877	2885	rBV	44029	69551	4.99%	0.352%
95	20.339	2928	2933	2944	rBV	925275	1393625	100.00%	7.053%
96	21.703	3162	3165	3172	rBV2	183599	245982	17.65%	1.245%
97	22.097	3227	3232	3237	rBV	709393	993942	71.32%	5.031%
98	23.809	3519	3523	3533	rVB	173476	319281	22.91%	1.616%
99	24.527	3639	3645	3653	rVB	589291	1252993	89.91%	6.342%
100	24.697	3668	3674	3681	rVB	437781	956063	68.60%	4.839%

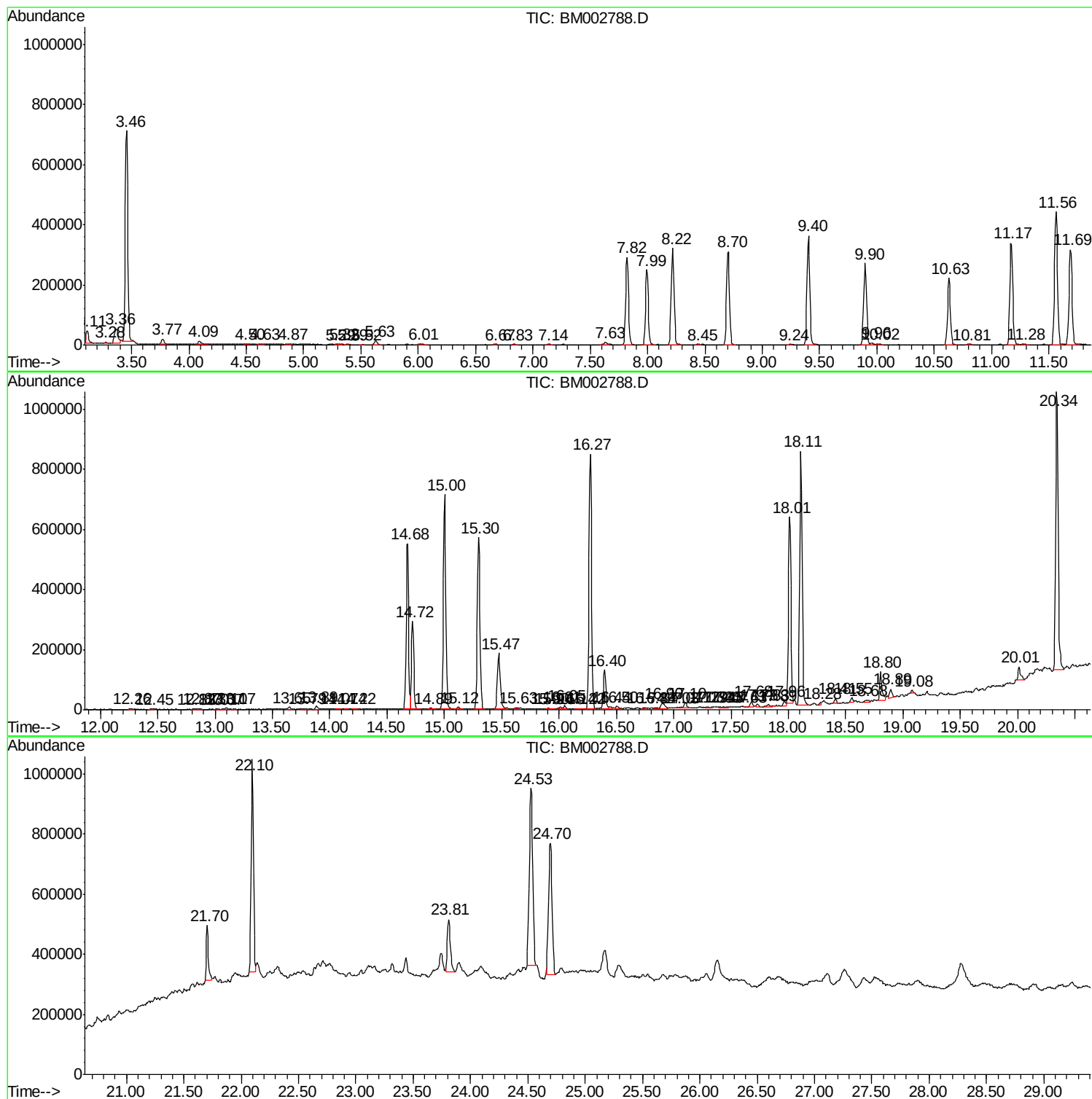
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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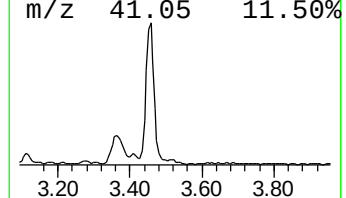
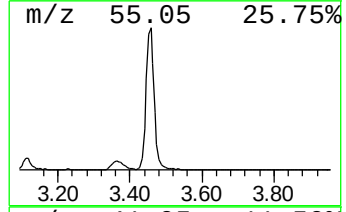
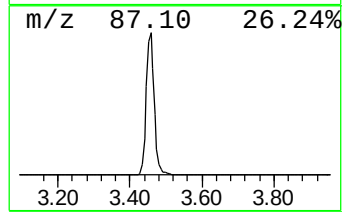
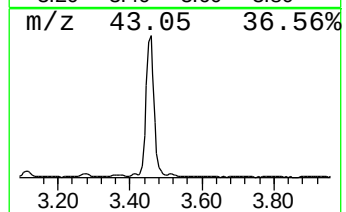
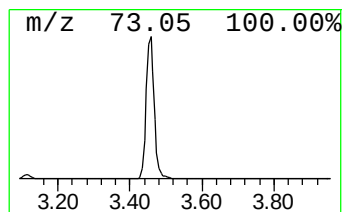
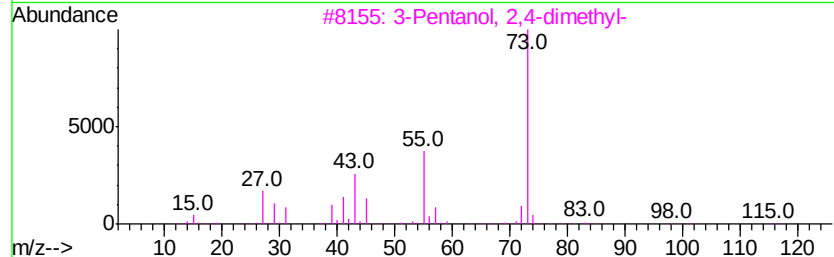
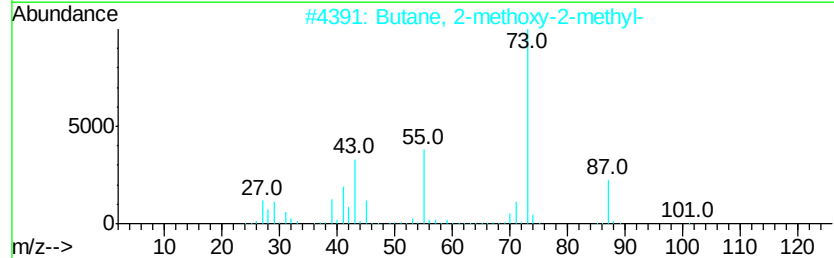
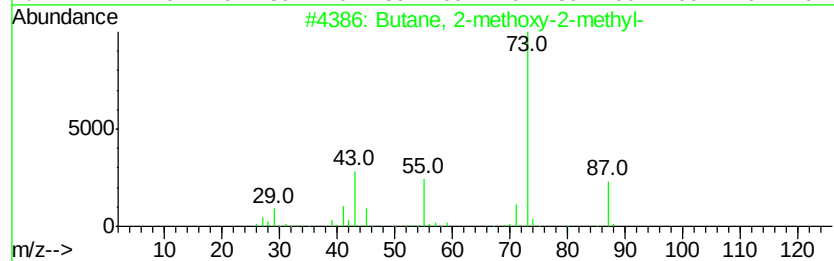
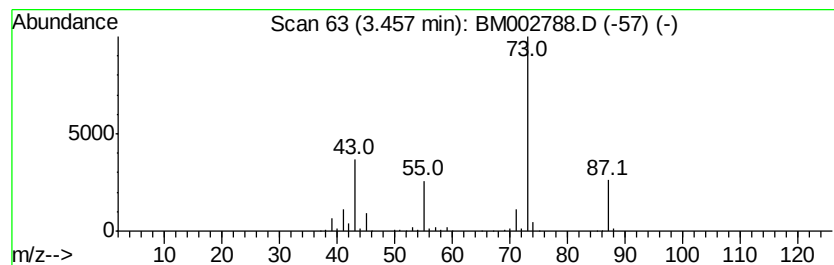
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	40.24 ng/ul	1078110	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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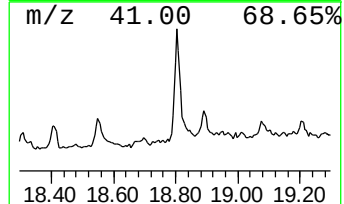
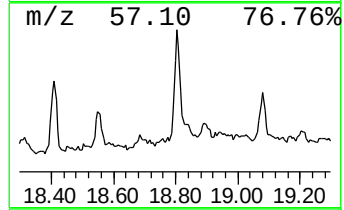
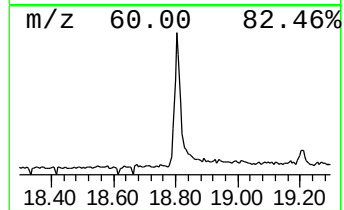
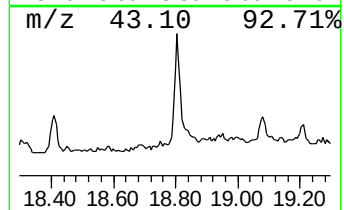
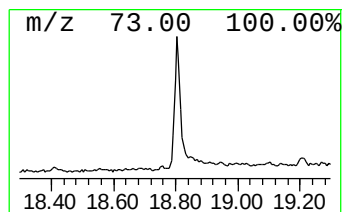
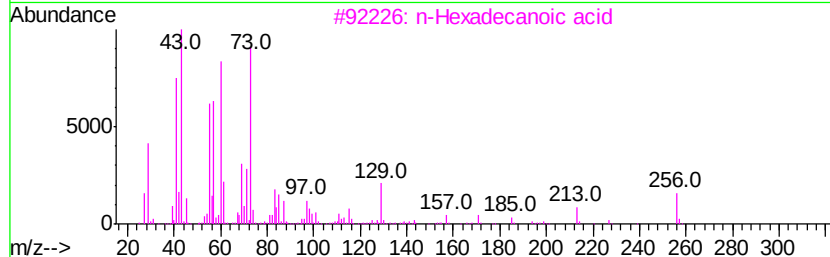
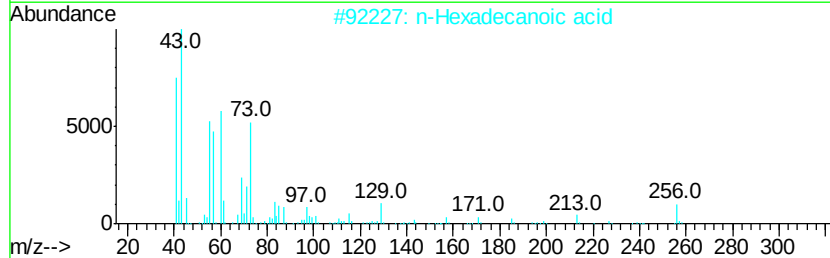
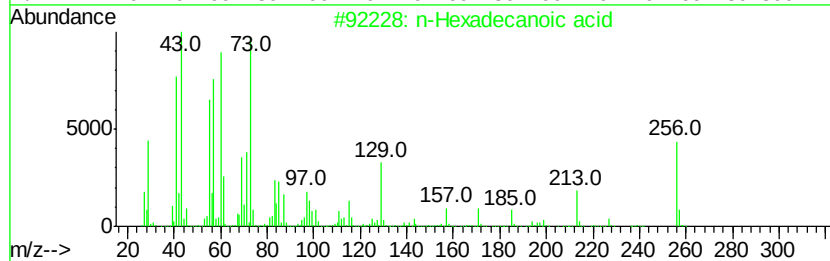
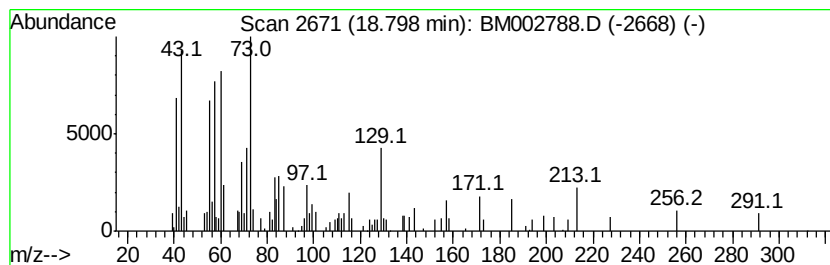
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.03 ng/ul	140097	Phenanthrene-d10	18.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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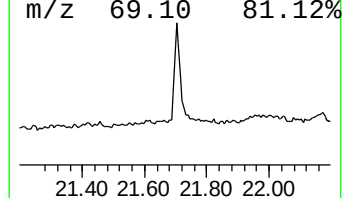
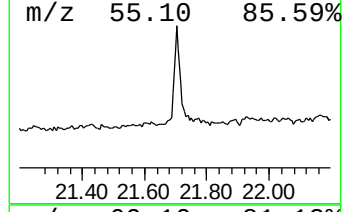
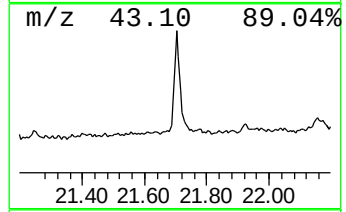
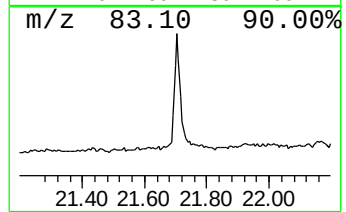
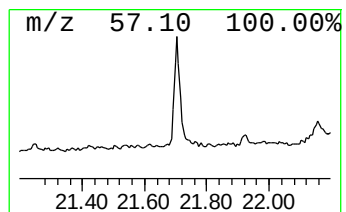
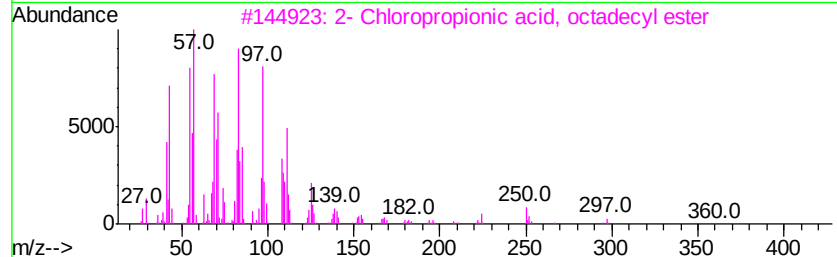
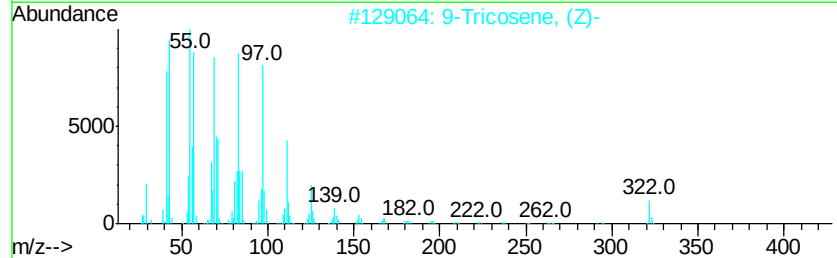
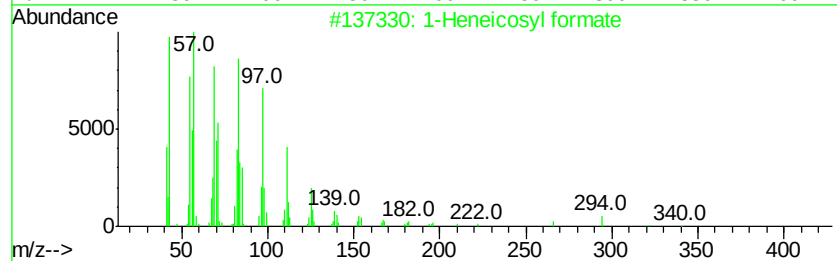
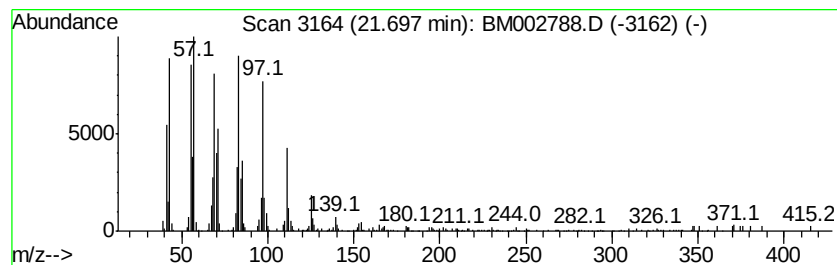
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	4.95 ng/ul	245982	Chrysene-d12	22.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	98
2	9-Tricosene, (Z)-		322	C23H46	027519-02-4	96
3	2-Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
4	9-Tricosene, (Z)-		322	C23H46	027519-02-4	94
5	1-Nonadecene		266	C19H38	018435-45-5	91



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Instrument :
BNA_M
ClientSampleId :
E5MX7

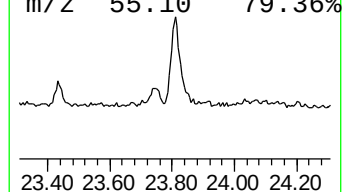
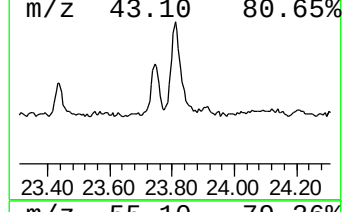
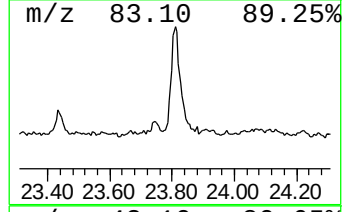
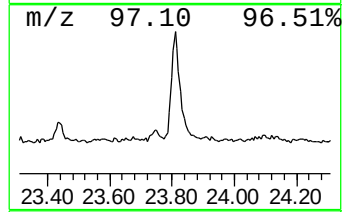
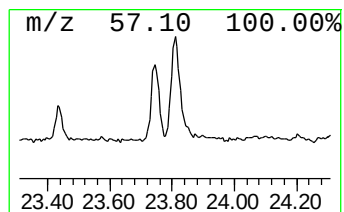
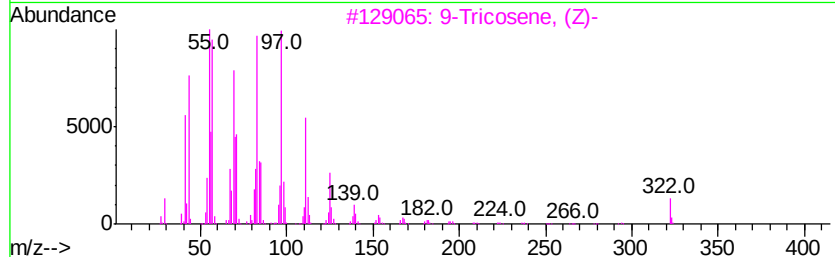
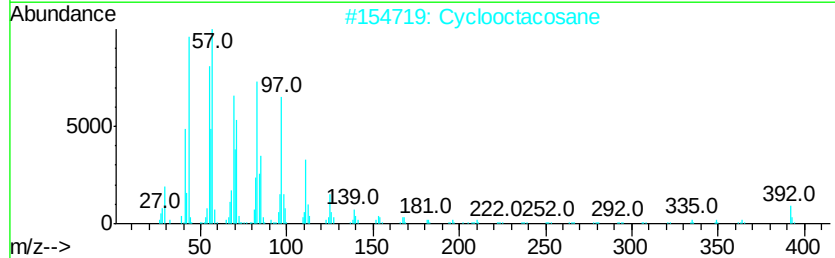
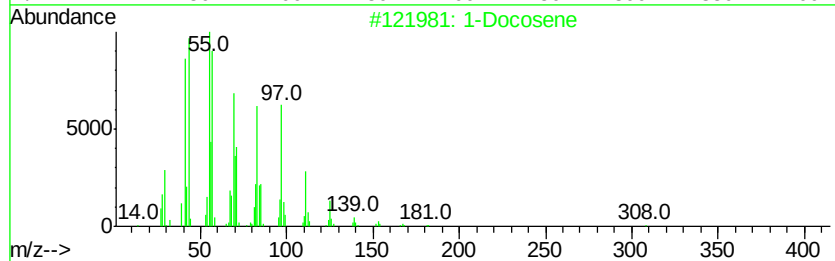
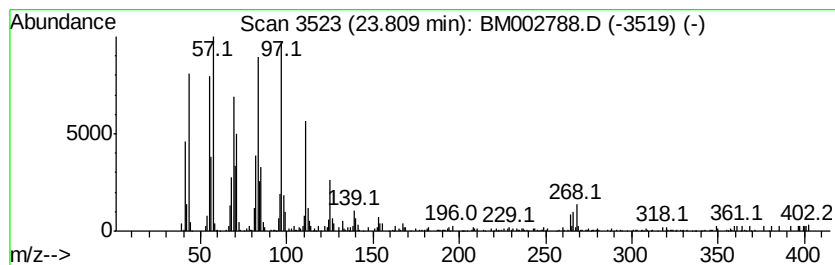
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	6.68 ng/ul	319281	Perylene-d12	24.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Docosene	308	C22H44	001599-67-3	99
2		Cyclooctacosane	392	C28H56	000297-24-5	95
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4		Z-12-Pentacosene	350	C25H50	1000131-09-4	91
5		9-Nonadecene	266	C19H38	031035-07-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002788.D
Acq On : 30 Sep 2015 18:58
Operator : UM/IZ
Sample : G3838-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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...	3.46	40.2	ng/ul	1078110	1	8.70	535884	20.0
n-Hexadecanoic acid	18.80	3.0	ng/ul	140097	4	18.01	925337	20.0
1-Heneicosyl formate	21.70	5.0	ng/ul	245982	5	22.10	993942	20.0
(DEL) Alkane: Cyc...	23.81	6.7	ng/ul	319281	6	24.70	956063	20.0