

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016909.D
 Acq On : 26 Sep 2018 21:02
 Operator : MJ/SJ
 Sample : J5040-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E8JD8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	22	rVB	5023574	5347201	98.17%	8.118%
2	4.493	252	256	266	rVB2	98919	165203	3.03%	0.251%
3	5.387	406	408	411	rBV2	15299	14373	0.26%	0.022%
4	5.751	467	470	475	rVB2	28696	40744	0.75%	0.062%
5	6.604	613	615	623	rVB6	7757	13562	0.25%	0.021%
6	6.722	630	635	638	rBV6	10233	15013	0.28%	0.023%
7	6.892	655	664	677	rVB	841607	1358186	24.93%	2.062%
8	7.057	686	692	699	rBV	693227	1016573	18.66%	1.543%
9	7.251	718	725	735	rVB	890429	1379828	25.33%	2.095%
10	7.334	735	739	743	rBV2	37530	71962	1.32%	0.109%
11	7.716	797	804	811	rBV	1034749	1653482	30.36%	2.510%
12	7.781	811	815	820	rVV3	19396	30411	0.56%	0.046%
13	7.828	820	823	828	rVB2	12239	17155	0.31%	0.026%
14	8.257	891	896	906	rVB2	8096	22272	0.41%	0.034%
15	8.422	917	924	932	rVV	925328	1488962	27.34%	2.261%
16	8.816	983	991	993	rBV5	9543	16900	0.31%	0.026%
17	8.869	993	1000	1007	rVV	779273	1252701	23.00%	1.902%
18	8.933	1007	1011	1016	rVB	46692	69403	1.27%	0.105%
19	9.028	1023	1027	1032	rBV6	8414	17737	0.33%	0.027%
20	9.286	1066	1071	1075	rBV5	12055	18419	0.34%	0.028%
21	9.586	1114	1122	1130	rBV	584187	992835	18.23%	1.507%
22	9.910	1172	1177	1178	rBV4	10022	14756	0.27%	0.022%
23	10.116	1205	1212	1220	rBV	994154	1675667	30.76%	2.544%
24	10.198	1223	1226	1231	rVB4	9678	15448	0.28%	0.023%
25	10.498	1268	1277	1283	rBV	1428137	2442715	44.85%	3.708%
26	10.545	1283	1285	1291	rVB	59501	75925	1.39%	0.115%
27	10.633	1291	1300	1311	rBV	671341	1201986	22.07%	1.825%
28	11.098	1375	1379	1383	rVV3	9453	13373	0.25%	0.020%
29	11.416	1426	1433	1436	rVB8	7123	16144	0.30%	0.025%
30	11.527	1446	1452	1456	rBV2	16386	29260	0.54%	0.044%
31	11.927	1515	1520	1526	rBV2	23223	35869	0.66%	0.054%
32	12.086	1540	1547	1553	rVV2	20957	34247	0.63%	0.052%
33	12.163	1553	1560	1566	rVB	68255	110535	2.03%	0.168%
34	12.386	1592	1598	1603	rVB	47145	74754	1.37%	0.113%

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35	12.710	1649	1653	1657	rVV7	10141	17698	0.32%	0.027%
36	12.892	1678	1684	1689	rVB6	12965	19065	0.35%	0.029%
37	12.957	1691	1695	1700	rVB3	14384	22168	0.41%	0.034%
38	13.180	1726	1733	1739	rBV	30529	46274	0.85%	0.070%
39	13.251	1739	1745	1753	rVB2	51209	89431	1.64%	0.136%
40	13.521	1784	1791	1792	rBV4	20404	34855	0.64%	0.053%
41	13.674	1811	1817	1822	rVV2	47333	83881	1.54%	0.127%
42	13.727	1822	1826	1828	rVV	35047	48950	0.90%	0.074%
43	13.768	1828	1833	1837	rVV	1648372	2255354	41.41%	3.424%
44	13.816	1837	1841	1850	rVV	636260	898669	16.50%	1.364%
45	13.910	1850	1857	1861	rVV4	26132	50351	0.92%	0.076%
46	13.945	1861	1863	1870	rVB5	11154	15276	0.28%	0.023%
47	14.045	1870	1880	1894	rBV	2015275	3020381	55.45%	4.585%
48	14.263	1913	1917	1922	rBV2	28134	37341	0.69%	0.057%
49	14.357	1924	1933	1941	rVV2	1913095	2968314	54.49%	4.506%
50	14.415	1941	1943	1950	rVB4	22008	38438	0.71%	0.058%
51	14.557	1961	1967	1977	rBV	658808	988785	18.15%	1.501%
52	14.651	1980	1983	1988	rVV8	16343	30692	0.56%	0.047%
53	14.715	1989	1994	1997	rVV3	27882	45648	0.84%	0.069%
54	14.757	1997	2001	2003	rVV	35771	56443	1.04%	0.086%
55	14.780	2003	2005	2009	rVV4	34688	41543	0.76%	0.063%
56	14.833	2009	2014	2019	rVB4	15890	25912	0.48%	0.039%
57	14.892	2019	2024	2030	rVB9	10440	20851	0.38%	0.032%
58	14.980	2030	2039	2044	rBV4	16907	39382	0.72%	0.060%
59	15.027	2044	2047	2051	rVB3	14364	18409	0.34%	0.028%
60	15.157	2062	2069	2072	rBV3	25209	57865	1.06%	0.088%
61	15.186	2072	2074	2077	rVV3	23662	27256	0.50%	0.041%
62	15.221	2077	2080	2085	rVB2	31843	38634	0.71%	0.059%
63	15.351	2096	2102	2108	rBV	2602083	3675913	67.49%	5.581%
64	15.398	2108	2110	2115	rVB2	39668	53352	0.98%	0.081%
65	15.474	2117	2123	2132	rBV	383198	573038	10.52%	0.870%
66	15.592	2139	2143	2146	rBV2	31641	43495	0.80%	0.066%
67	15.621	2146	2148	2154	rVB3	25031	33917	0.62%	0.051%
68	15.704	2158	2162	2168	rVB	27700	46495	0.85%	0.071%
69	15.786	2171	2176	2179	rBV7	12755	19521	0.36%	0.030%
70	15.851	2183	2187	2195	rVV3	52941	90472	1.66%	0.137%
71	15.933	2195	2201	2206	rVB9	17268	38631	0.71%	0.059%

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72	16.104	2222	2230	2237	rVV	84452	192824	3.54%	0.293%
73	16.221	2246	2250	2253	rBV5	11006	16360	0.30%	0.025%
74	16.257	2253	2256	2262	rVV7	16356	28141	0.52%	0.043%
75	16.645	2319	2322	2326	rBV5	16830	27611	0.51%	0.042%
76	16.756	2338	2341	2349	rVB5	30330	49397	0.91%	0.075%
77	16.833	2351	2354	2357	rVV4	16817	27156	0.50%	0.041%
78	16.874	2358	2361	2367	rVV3	43479	70603	1.30%	0.107%
79	16.927	2367	2370	2374	rVB3	28678	37975	0.70%	0.058%
80	17.104	2394	2400	2405	rBV2	2407725	3457121	63.47%	5.249%
81	17.145	2405	2407	2411	rVV	286919	365992	6.72%	0.556%
82	17.204	2411	2417	2427	rVB	2836149	3966904	72.83%	6.022%
83	17.615	2483	2487	2492	rVB2	39777	55851	1.03%	0.085%
84	17.686	2497	2499	2502	rVB3	21687	18318	0.34%	0.028%
85	17.980	2545	2549	2551	rBV	65795	95384	1.75%	0.145%
86	18.009	2551	2554	2562	rVB2	242149	444168	8.15%	0.674%
87	18.168	2577	2581	2586	rBV3	82577	161466	2.96%	0.245%
88	18.209	2586	2588	2594	rVB	63896	80891	1.49%	0.123%
89	18.309	2601	2605	2607	rBV2	46238	67010	1.23%	0.102%
90	18.486	2632	2635	2638	rBV	38056	51645	0.95%	0.078%
91	18.521	2639	2641	2647	rVV3	37698	54352	1.00%	0.083%
92	18.945	2710	2713	2719	rVB3	61391	96745	1.78%	0.147%
93	19.168	2746	2751	2755	rVB	424499	578948	10.63%	0.879%
94	19.292	2770	2772	2780	rVB5	61901	73962	1.36%	0.112%
95	19.445	2795	2798	2802	rBV	121321	134134	2.46%	0.204%
96	19.503	2802	2808	2821	rBV2	3425984	5446952	100.00%	8.269%
97	21.015	3062	3065	3072	rBV2	442385	661248	12.14%	1.004%
98	21.291	3107	3112	3117	rBV	3203099	4522348	83.03%	6.866%
99	23.391	3464	3469	3474	rBV	2507365	4466474	82.00%	6.781%
100	23.533	3488	3493	3501	rVB2	2172998	4261816	78.24%	6.470%

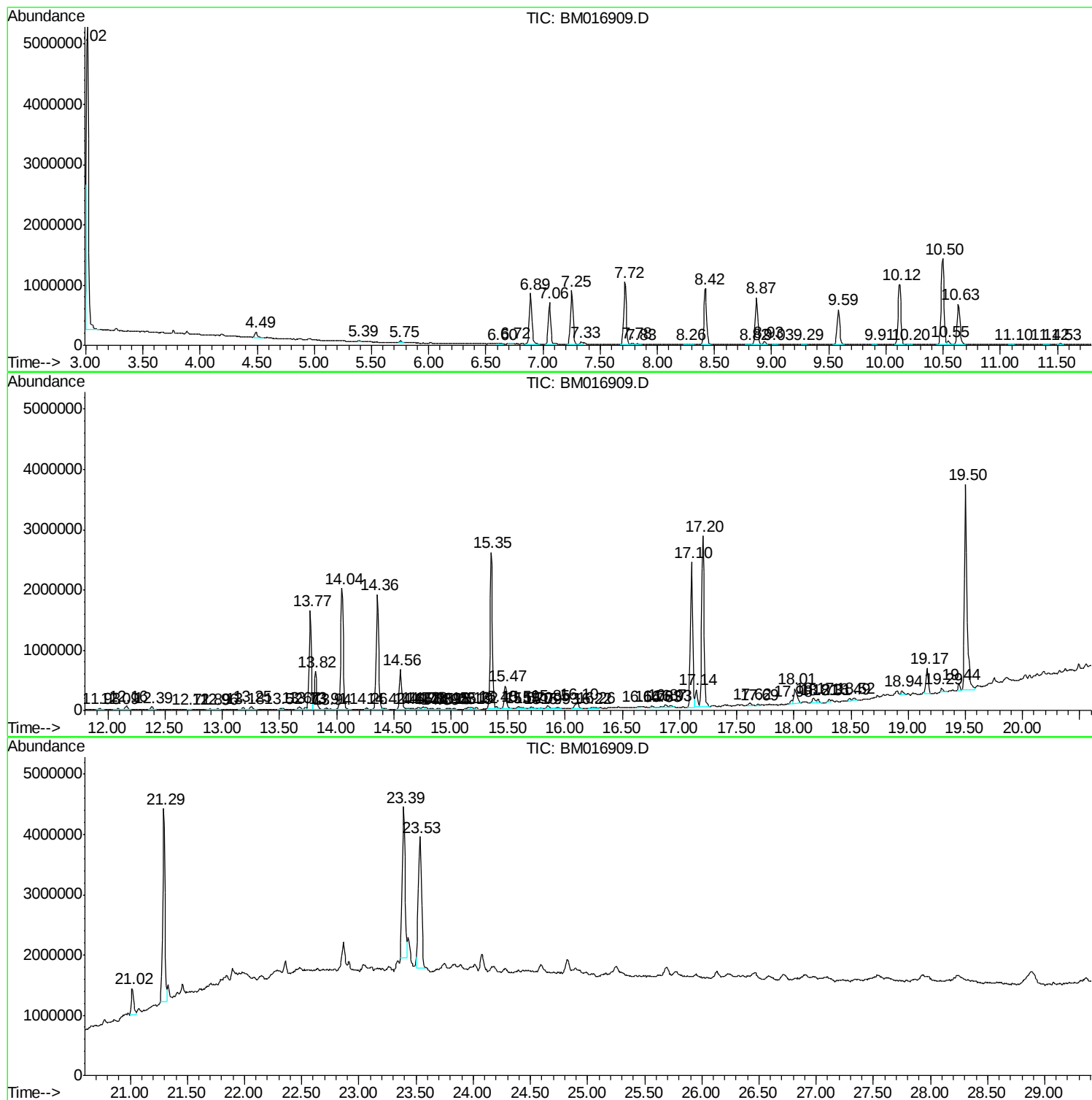
Sum of corrected areas: 65868097

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



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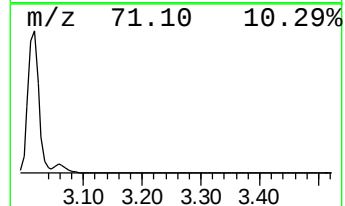
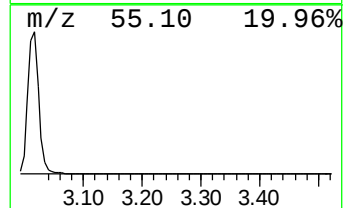
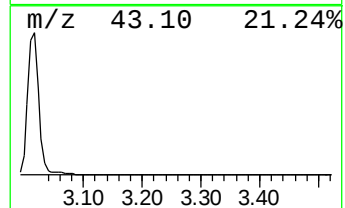
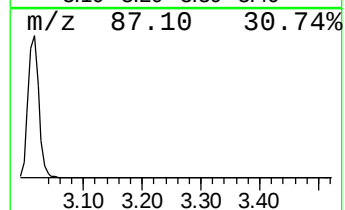
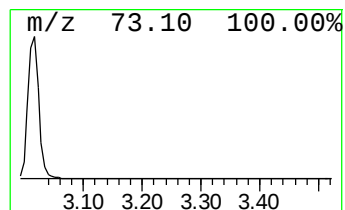
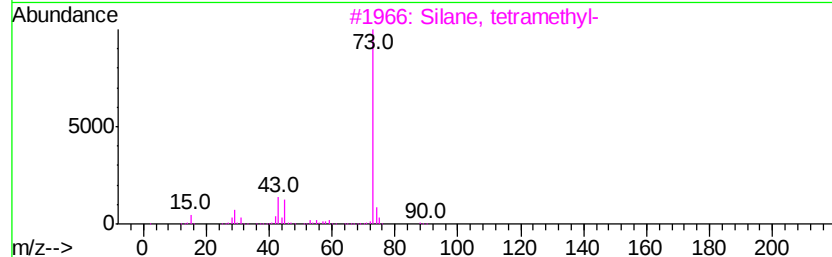
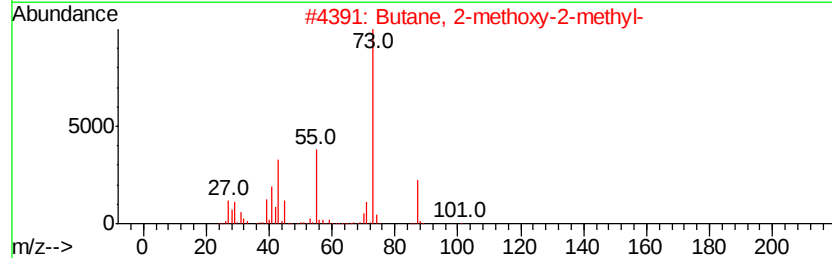
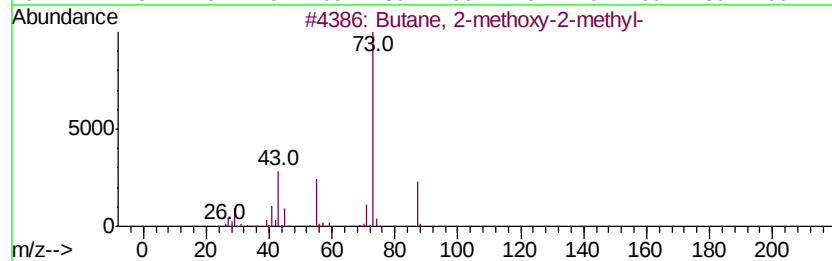
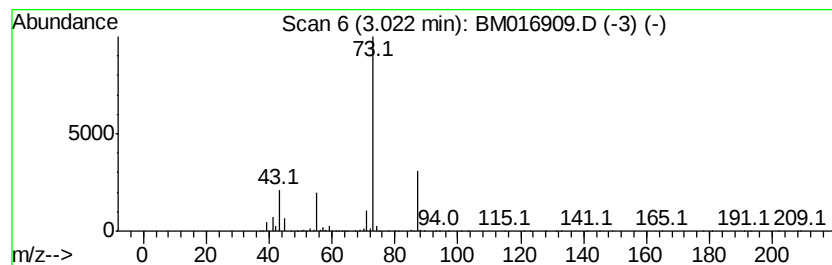
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	64.68 ng/ul	5347200	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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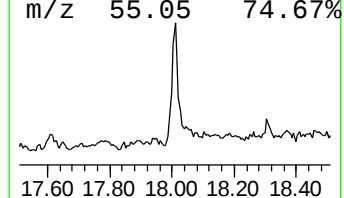
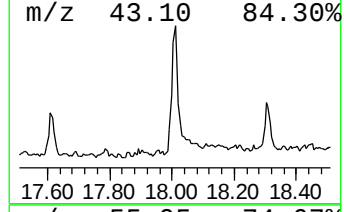
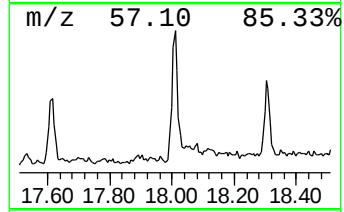
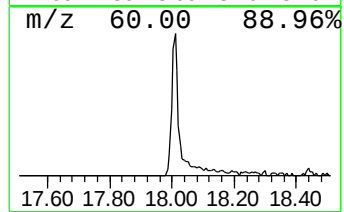
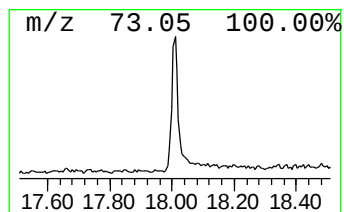
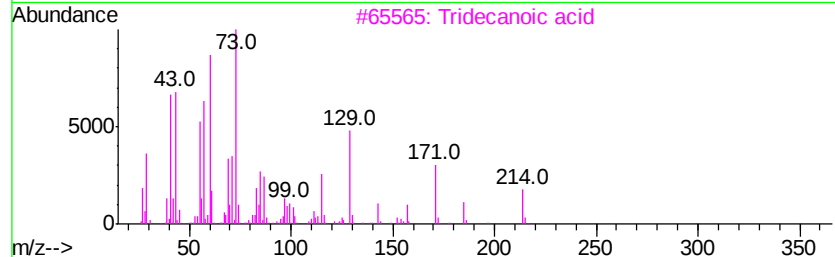
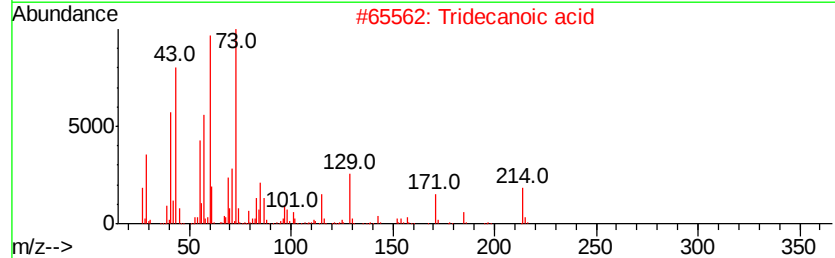
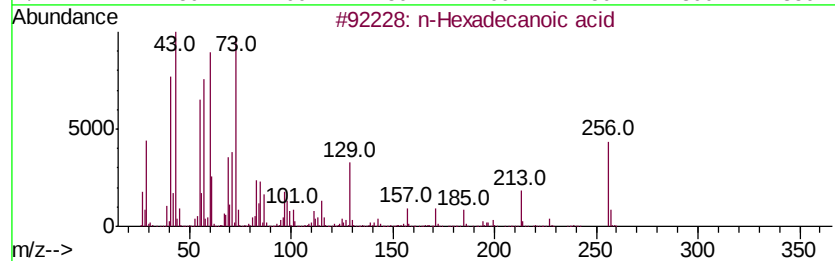
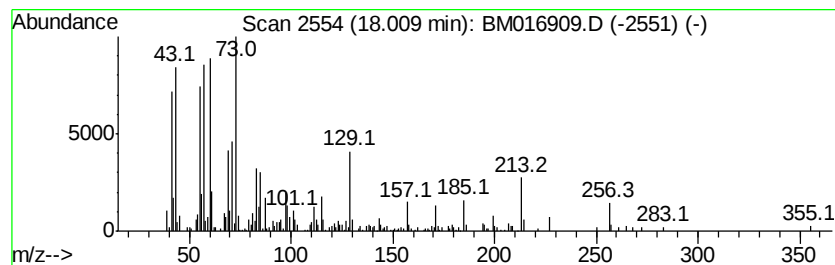
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.57 ng/ul	444168	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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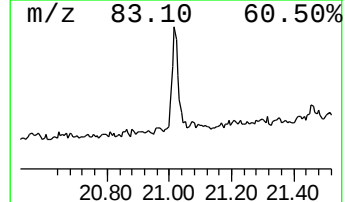
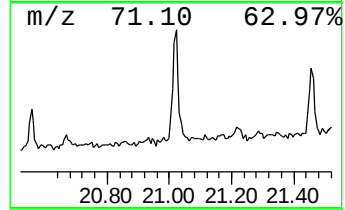
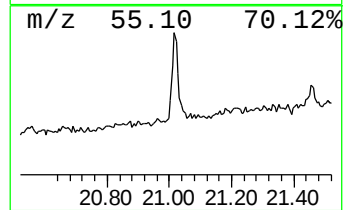
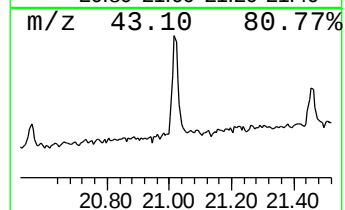
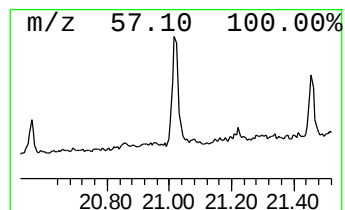
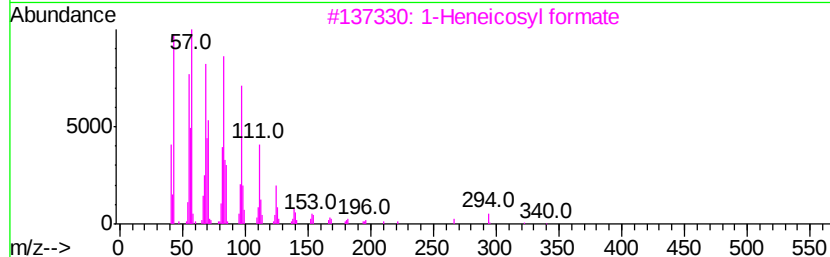
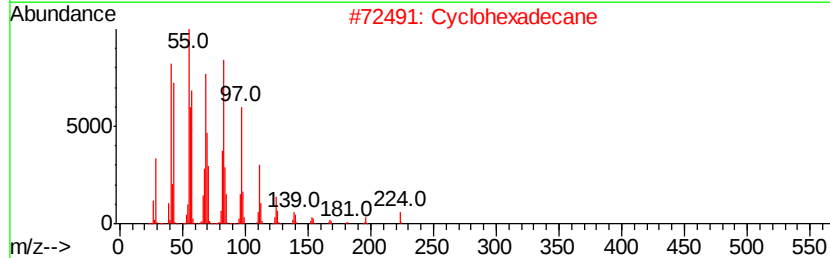
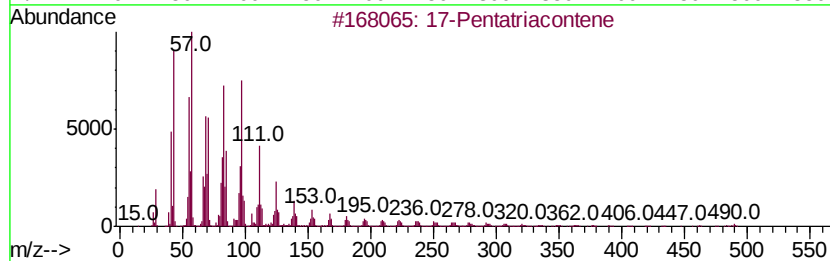
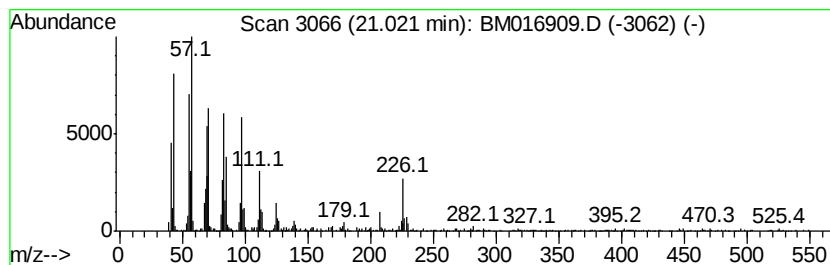
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.92 ng/ul	661248	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 94
2	Cyclohexadecane	224	C16H32	000295-65-8 93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7 93
4	Cyclooctacosane	392	C28H56	000297-24-5 87
5	Cyclotetracosane	336	C24H48	000297-03-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092618\
Data File : BM016909.D
Acq On : 26 Sep 2018 21:02
Operator : MJ/SJ
Sample : J5040-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E8JD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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...	3.02	64.7	ng/ul	5347200	1	7.72	1653480	20.0
n-Hexadecanoic acid	18.01	2.6	ng/ul	444168	4	17.10	3457120	20.0
(DEL) Alkane: Cyc...	21.02	2.9	ng/ul	661248	5	21.29	4522350	20.0