

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
 Data File : BM020815.D
 Acq On : 08 Jun 2019 13:12
 Operator : HP/JU
 Sample : K3006-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFHC1

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-BM060619MA.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	3.046	6	10	28	rVB	2445260	2998919	34.69%	3.514%
2	3.310	51	55	65	rVB	83003	124995	1.45%	0.146%
3	3.581	98	101	109	rVB	32505	53799	0.62%	0.063%
4	3.940	158	162	165	rVB3	18090	24996	0.29%	0.029%
5	4.028	175	177	185	rVB3	14745	24697	0.29%	0.029%
6	4.934	327	331	337	rVB	20879	30637	0.35%	0.036%
7	5.904	492	496	504	rVB	18453	28958	0.34%	0.034%
8	6.463	588	591	599	rVB5	7958	14341	0.17%	0.017%
9	6.792	645	647	654	rVB8	6352	9824	0.11%	0.012%
10	6.975	671	678	693	rVB	1300137	2108576	24.39%	2.471%
11	7.145	696	707	720	rBV	993560	1637072	18.94%	1.918%
12	7.340	733	740	750	rBV	1415995	2234405	25.85%	2.618%
13	7.810	813	820	827	rBV	920514	1457594	16.86%	1.708%
14	7.869	827	830	834	rVB	21119	24892	0.29%	0.029%
15	8.510	931	939	951	rBV	1650943	2662161	30.80%	3.120%
16	8.969	1010	1017	1029	rBV	1273863	2077947	24.04%	2.435%
17	9.357	1077	1083	1090	rVB	34016	53795	0.62%	0.063%
18	9.686	1132	1139	1152	rBV	965141	1625406	18.80%	1.905%
19	10.216	1222	1229	1239	rBV	1692823	2832952	32.77%	3.320%
20	10.598	1287	1294	1304	rBV	1205792	2072681	23.98%	2.429%
21	10.739	1311	1318	1328	rBV	1570406	2690500	31.13%	3.153%
22	11.139	1382	1386	1391	rBV3	6268	11375	0.13%	0.013%
23	11.345	1416	1421	1425	rBV6	5775	10729	0.12%	0.013%
24	11.639	1464	1471	1483	rBV	92818	177813	2.06%	0.208%
25	11.845	1502	1506	1510	rVB5	7607	10469	0.12%	0.012%
26	12.016	1531	1535	1540	rVB5	5234	9779	0.11%	0.011%
27	12.133	1550	1555	1560	rVB	25187	37204	0.43%	0.044%
28	12.186	1560	1564	1571	rVB2	28627	41216	0.48%	0.048%
29	12.804	1662	1669	1673	rBV4	6769	11796	0.14%	0.014%
30	13.051	1706	1711	1716	rBV4	8426	13206	0.15%	0.015%
31	13.180	1727	1733	1737	rVB5	14168	21621	0.25%	0.025%
32	13.857	1842	1848	1853	rBV	2908508	4155847	48.08%	4.870%
33	13.904	1853	1856	1863	rVV	1269935	1692687	19.58%	1.984%
34	13.963	1863	1866	1872	rVB6	6680	9848	0.11%	0.012%

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35	14.139	1889	1896	1904	rVB	3370753	5185459	59.99%	6.077%
36	14.345	1927	1931	1935	rVB4	8434	11296	0.13%	0.013%
37	14.445	1941	1948	1958	rVB2	1743877	2776592	32.12%	3.254%
38	14.645	1975	1982	1994	rBV	923672	1422011	16.45%	1.666%
39	14.963	2029	2036	2041	rVB8	4263	8995	0.10%	0.011%
40	15.039	2043	2049	2052	rBV6	4062	9043	0.10%	0.011%
41	15.245	2079	2084	2088	rBV	21930	29932	0.35%	0.035%
42	15.292	2088	2092	2098	rVB4	10757	16623	0.19%	0.019%
43	15.445	2110	2118	2128	rBV	4391589	6378231	73.79%	7.474%
44	15.563	2132	2138	2151	rVV	523234	746745	8.64%	0.875%
45	15.680	2153	2158	2164	rVB2	55339	80922	0.94%	0.095%
46	16.157	2236	2239	2242	rBV4	10281	13789	0.16%	0.016%
47	16.221	2246	2250	2256	rVB7	17708	27409	0.32%	0.032%
48	16.586	2309	2312	2318	rVV4	10853	16946	0.20%	0.020%
49	16.804	2342	2349	2351	rBV6	5711	11495	0.13%	0.013%
50	16.874	2357	2361	2364	rVB5	8869	11006	0.13%	0.013%
51	16.945	2370	2373	2376	rBV3	14949	18475	0.21%	0.022%
52	16.980	2376	2379	2381	rVB4	9812	10369	0.12%	0.012%
53	17.192	2409	2415	2423	rBV2	2380325	3293021	38.10%	3.859%
54	17.292	2425	2432	2441	rVV2	4881471	6794370	78.60%	7.962%
55	17.439	2453	2457	2463	rBV3	29757	45765	0.53%	0.054%
56	17.686	2495	2499	2502	rBV4	10688	12513	0.14%	0.015%
57	17.951	2541	2544	2549	rBV6	13267	20387	0.24%	0.024%
58	18.080	2561	2566	2582	rBV	340492	556651	6.44%	0.652%
59	18.380	2612	2617	2621	rBV3	26610	41595	0.48%	0.049%
60	19.009	2721	2724	2733	rVB3	28479	39628	0.46%	0.046%
61	19.215	2755	2759	2767	rBV	71211	125505	1.45%	0.147%
62	19.362	2779	2784	2794	rBV	119297	192261	2.22%	0.225%
63	19.468	2799	2802	2806	rVB	47284	65100	0.75%	0.076%
64	19.586	2816	2822	2828	rBV	5869673	7725031	89.37%	9.052%
65	21.080	3072	3076	3083	rBV	295405	413407	4.78%	0.484%
66	21.374	3120	3126	3132	rBV	2781289	3582141	41.44%	4.198%
67	21.515	3147	3150	3154	rBV2	117880	144089	1.67%	0.169%
68	21.962	3222	3226	3232	rBV	210216	293813	3.40%	0.344%
69	22.433	3302	3306	3310	rBV	325000	416656	4.82%	0.488%
70	22.562	3324	3328	3336	rVB	272235	362207	4.19%	0.424%
71	22.950	3390	3394	3400	rVB	385906	529501	6.13%	0.620%

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Title : SVOA CALIBRATION

72	23.509	3482	3489	3500	rVB2	4298756	8643908	100.00%	10.129%
73	23.656	3507	3514	3522	rVB	1875269	3693029	42.72%	4.328%
74	24.197	3601	3606	3616	rVB	311339	577614	6.68%	0.677%

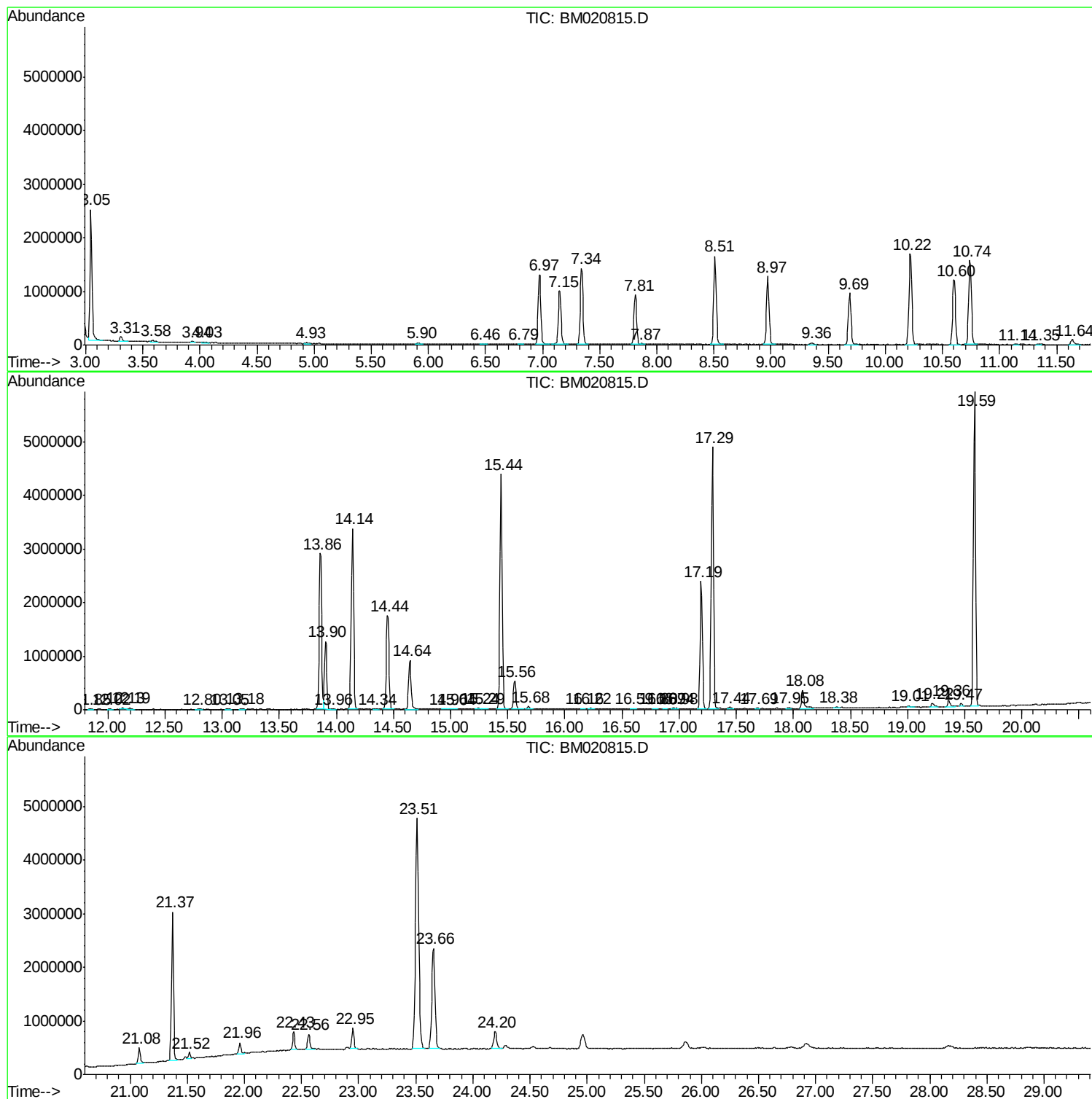
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
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Sample : K3006-06
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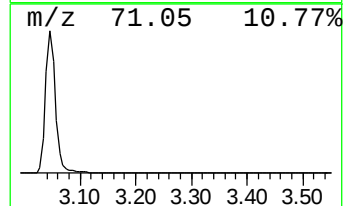
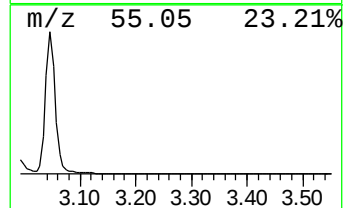
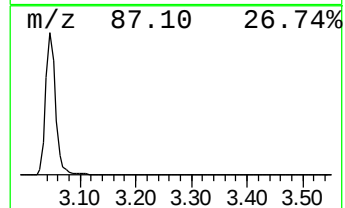
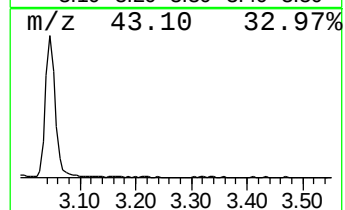
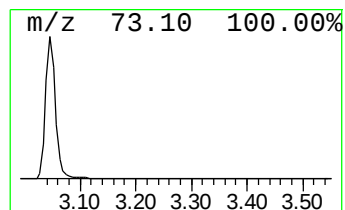
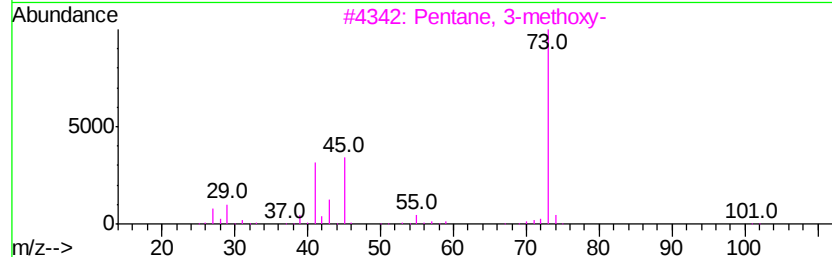
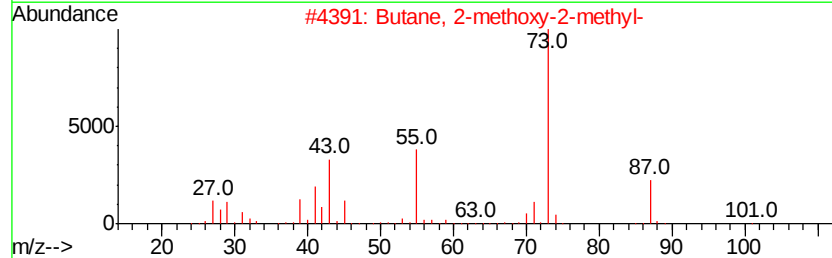
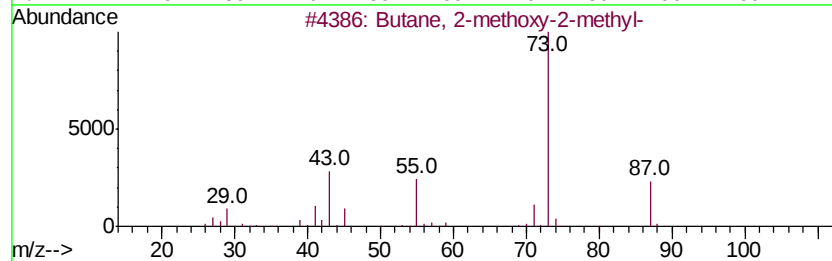
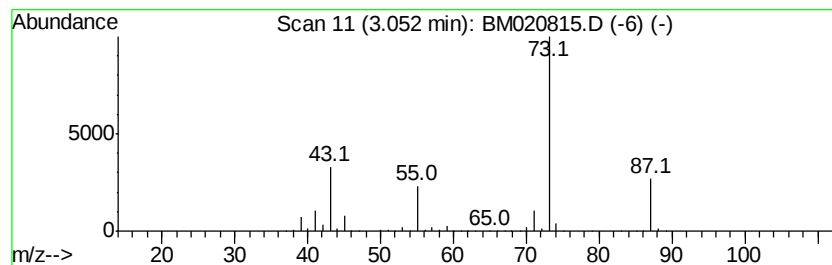
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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.
3.05	41.15 ng/ul	2998920	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	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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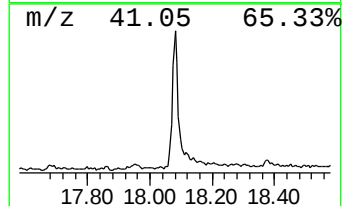
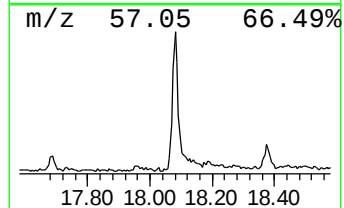
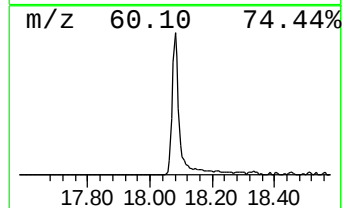
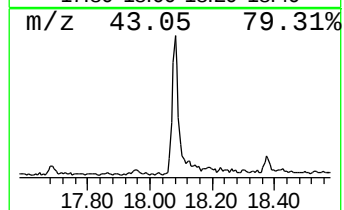
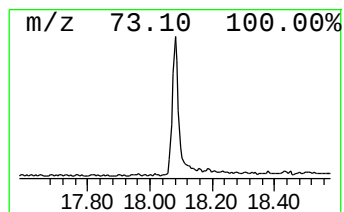
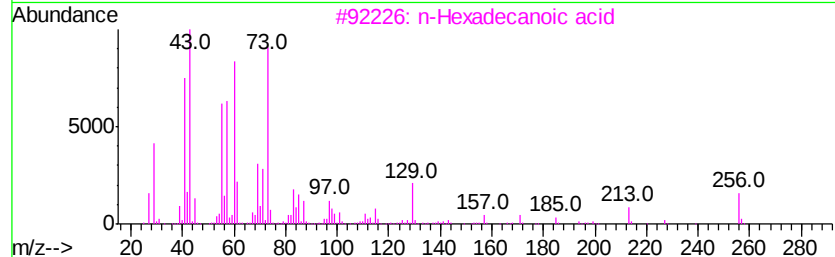
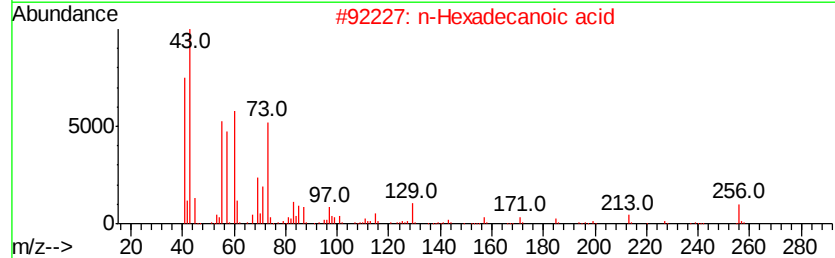
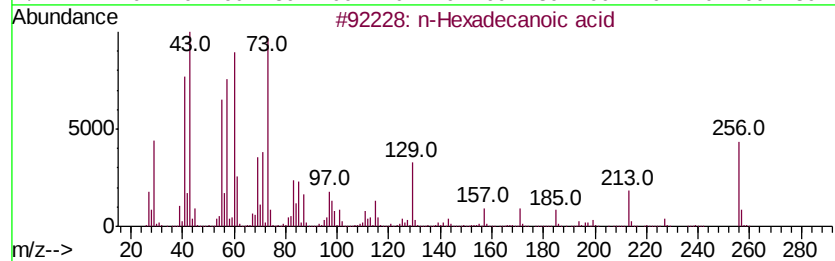
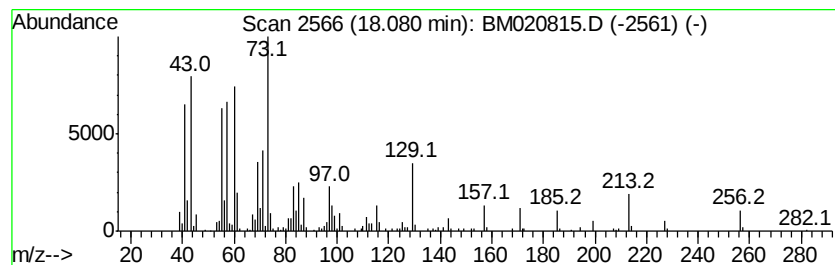
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.38 ng/ul	556651	Phenanthrene-d10	17.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	80
5	Tridecanoic acid	214 C13H26O2	000638-53-9	76



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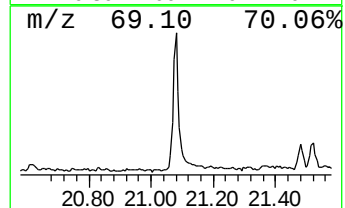
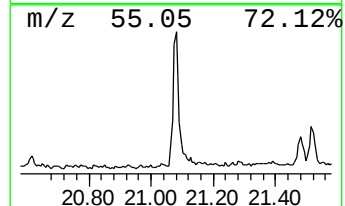
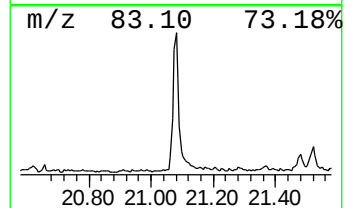
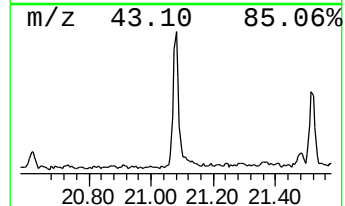
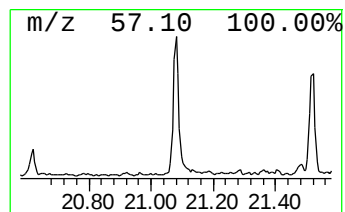
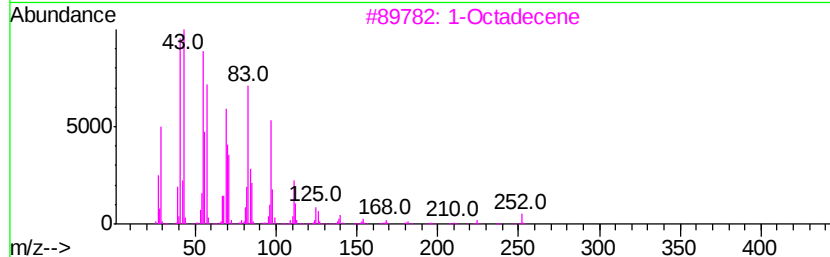
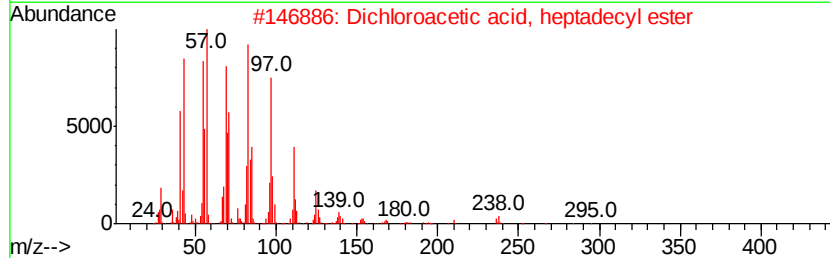
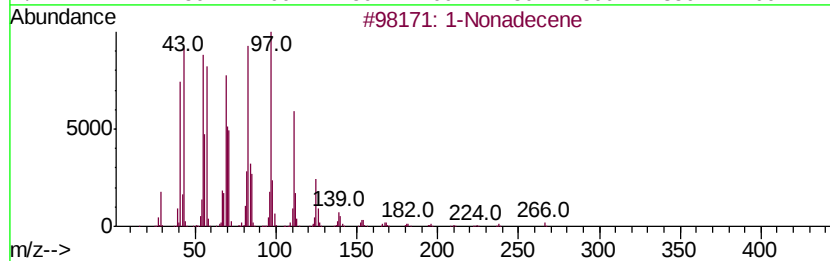
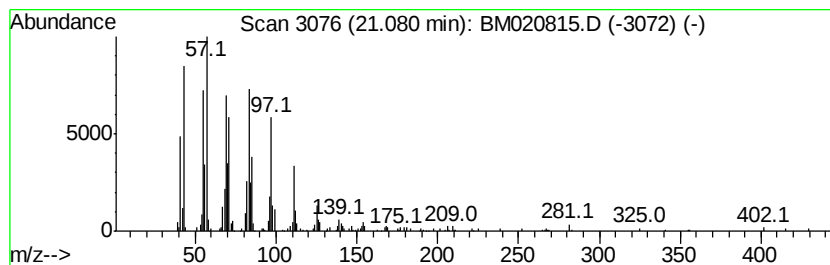
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.31 ng/ul	413407	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		1-Octadecene	252	C18H36	000112-88-9	93
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91



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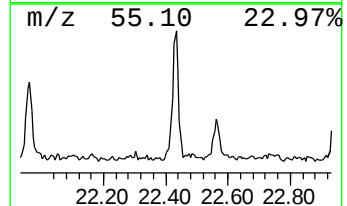
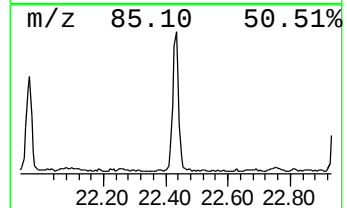
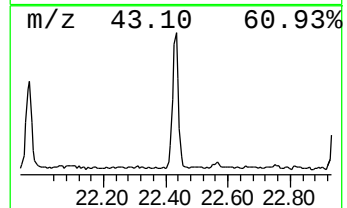
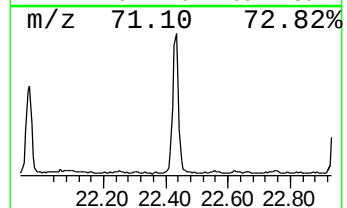
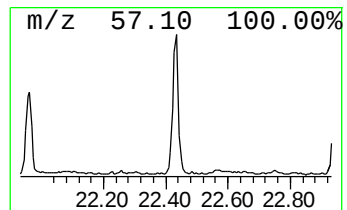
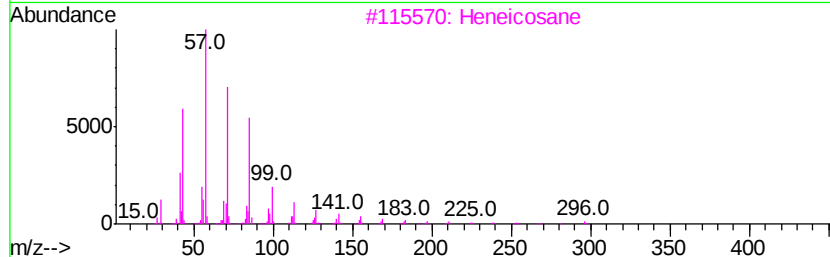
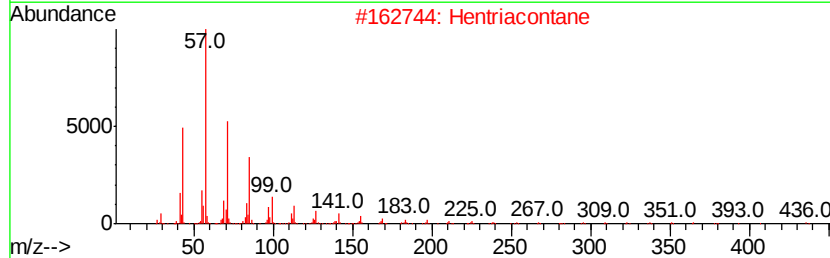
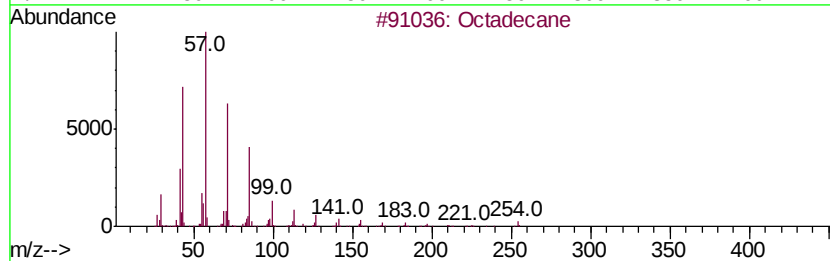
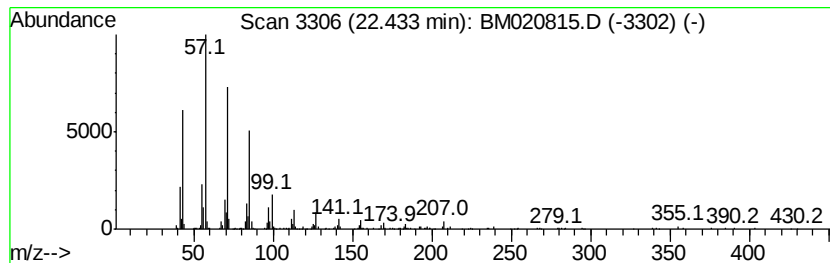
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.33 ng/ul	416656	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020815.D
Acq On : 08 Jun 2019 13:12
Operator : HP/JU
Sample : K3006-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHC1

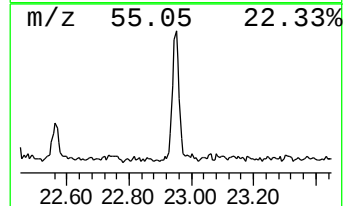
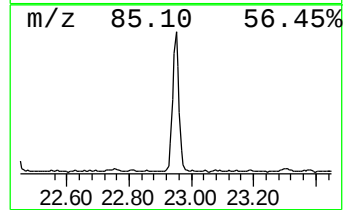
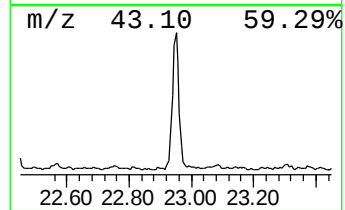
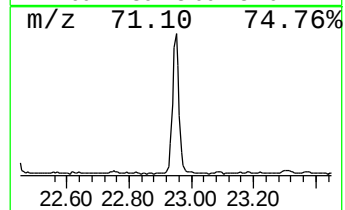
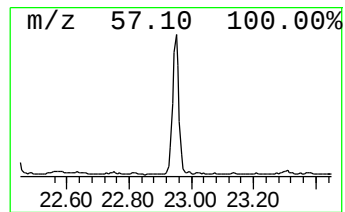
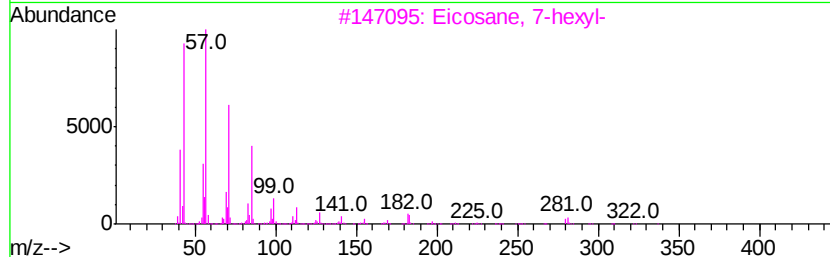
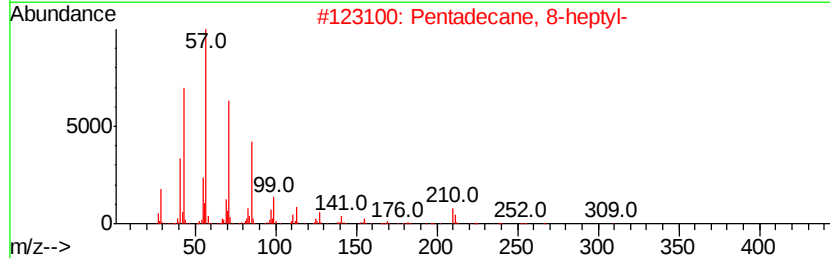
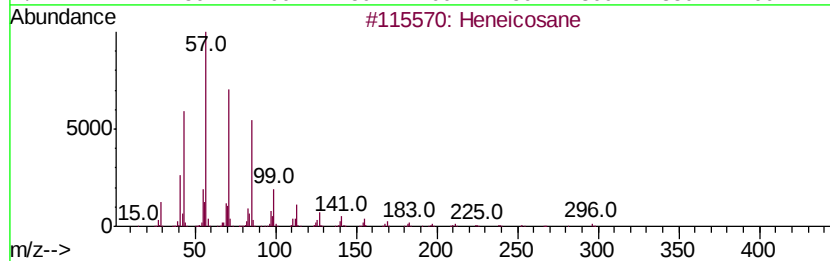
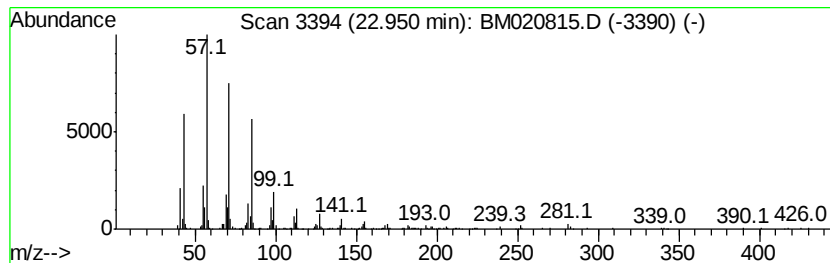
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.87 ng/ul	529501	Perylene-d12	23.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020815.D
Acq On : 08 Jun 2019 13:12
Operator : HP/JU
Sample : K3006-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHC1

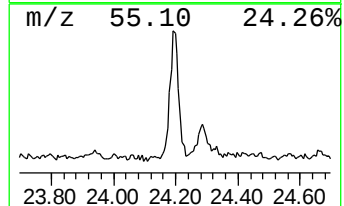
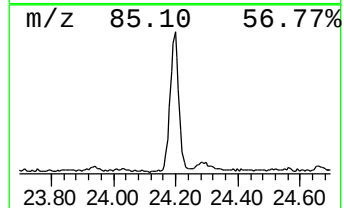
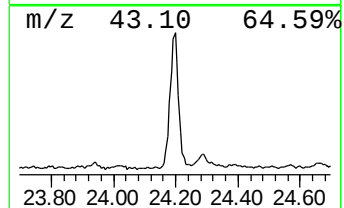
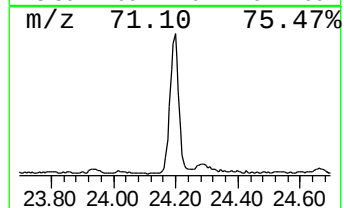
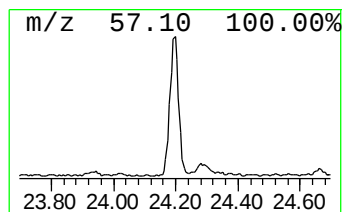
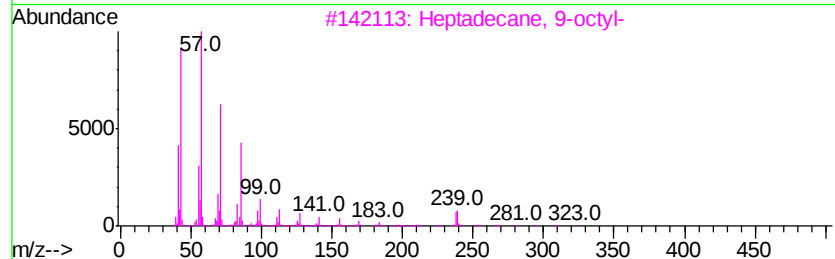
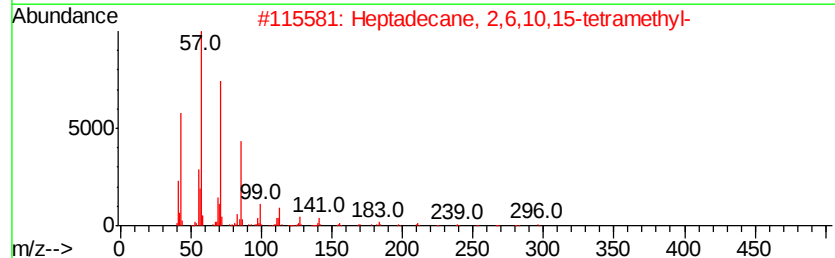
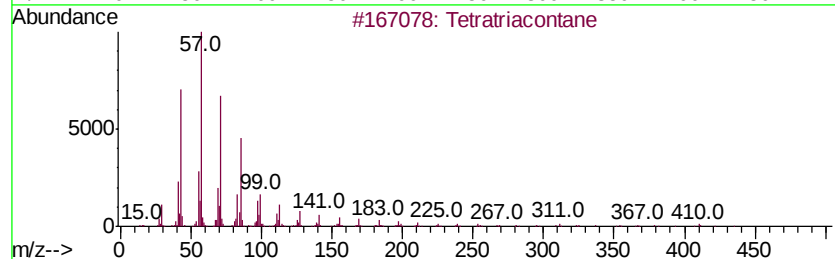
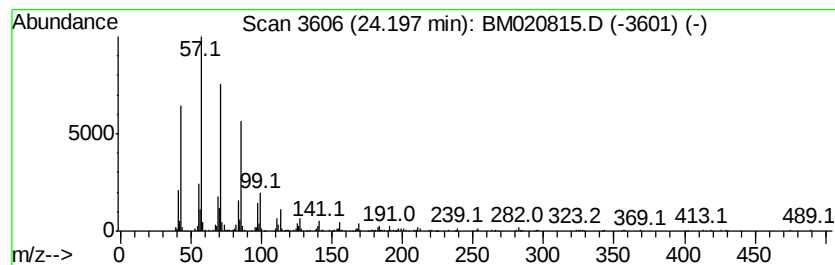
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.13 ng/ul	577614	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\
Data File : BM020815.D
Acq On : 08 Jun 2019 13:12
Operator : HP/JU
Sample : K3006-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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	41.1	ng/ul	2998920	1	7.81	1457590	20.0
n-Hexadecanoic acid	18.08	3.4	ng/ul	556651	4	17.19	3293020	20.0
(DEL) Alkane: Cyc...	21.08	2.3	ng/ul	413407	5	21.37	3582140	20.0
(DEL) Alkane: Str...	22.43	2.3	ng/ul	416656	5	21.37	3582140	20.0
(DEL) Alkane: Str...	22.95	2.9	ng/ul	529501	6	23.66	3693030	20.0
(DEL) Alkane: Str...	24.20	3.1	ng/ul	577614	6	23.66	3693030	20.0