

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
 Data File : BM021034.D
 Acq On : 19 Jun 2019 09:47
 Operator : HP/JU
 Sample : K3332-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4231

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-BM061419MA.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	3.028	3	7	23	rVB	1609024	2218644	36.20%	3.260%
2	3.293	50	52	58	rVB	32518	40607	0.66%	0.060%
3	6.469	588	592	597	rVB4	9850	14536	0.24%	0.021%
4	6.951	668	674	687	rVB	743006	1165415	19.02%	1.712%
5	7.122	697	703	715	rBV	578457	918219	14.98%	1.349%
6	7.216	715	719	726	rVB2	26365	43548	0.71%	0.064%
7	7.316	729	736	747	rVB	782252	1202516	19.62%	1.767%
8	7.787	808	816	824	rBV	769475	1211016	19.76%	1.779%
9	8.487	927	935	946	rBV	961697	1519666	24.80%	2.233%
10	8.610	952	956	961	rVB2	6134	10898	0.18%	0.016%
11	8.945	1006	1013	1024	rBV	771566	1263328	20.61%	1.856%
12	9.098	1034	1039	1043	rBV4	5481	8388	0.14%	0.012%
13	9.322	1075	1077	1081	rVB3	6527	7799	0.13%	0.011%
14	9.663	1128	1135	1148	rBV	648880	1052016	17.17%	1.546%
15	10.192	1217	1225	1237	rBV	1047679	1786213	29.14%	2.625%
16	10.575	1283	1290	1300	rBV	1145772	1900350	31.01%	2.792%
17	10.716	1307	1314	1331	rBV	784665	1399858	22.84%	2.057%
18	12.169	1556	1561	1568	rVB3	14269	24589	0.40%	0.036%
19	12.616	1631	1637	1641	rBV2	17438	23470	0.38%	0.034%
20	12.775	1659	1664	1668	rBV5	5775	10295	0.17%	0.015%
21	13.022	1703	1706	1711	rVB4	8497	11923	0.19%	0.018%
22	13.286	1746	1751	1759	rVB6	30136	43562	0.71%	0.064%
23	13.386	1762	1768	1772	rVB5	4033	6932	0.11%	0.010%
24	13.733	1825	1827	1833	rVB2	4338	6279	0.10%	0.009%
25	13.839	1838	1845	1849	rVV	2191666	3149827	51.39%	4.628%
26	13.886	1849	1853	1861	rVB	260303	374091	6.10%	0.550%
27	14.116	1885	1892	1902	rVB	2459916	3591706	58.60%	5.278%
28	14.374	1933	1936	1938	rBV3	5102	6966	0.11%	0.010%
29	14.427	1938	1945	1951	rVV2	1878911	2894206	47.22%	4.253%
30	14.480	1951	1954	1959	rVB5	28192	35401	0.58%	0.052%
31	14.627	1973	1979	1993	rBV	761590	1221220	19.93%	1.794%
32	14.851	2012	2017	2021	rVB5	13517	23794	0.39%	0.035%
33	15.216	2076	2079	2083	rBV	18672	23171	0.38%	0.034%
34	15.421	2107	2114	2126	rVB	3408783	4900423	79.96%	7.201%

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35	15.539	2128	2134	2149	rBV	795651	1106979	18.06%	1.627%
36	15.663	2149	2155	2159	rVV	37388	51391	0.84%	0.076%
37	15.739	2164	2168	2173	rVB6	11171	16712	0.27%	0.025%
38	15.816	2178	2181	2185	rVB5	5518	7942	0.13%	0.012%
39	16.133	2230	2235	2242	rBV6	8751	15707	0.26%	0.023%
40	16.310	2260	2265	2271	rBV6	5835	12666	0.21%	0.019%
41	16.368	2271	2275	2279	rVV4	4380	6573	0.11%	0.010%
42	16.568	2305	2309	2315	rVB4	7584	12335	0.20%	0.018%
43	16.921	2364	2369	2371	rBV5	8380	10397	0.17%	0.015%
44	16.957	2372	2375	2378	rVB	11253	12262	0.20%	0.018%
45	17.068	2389	2394	2396	rBV5	8102	11160	0.18%	0.016%
46	17.168	2405	2411	2418	rBV2	2518312	3683029	60.09%	5.412%
47	17.268	2422	2428	2438	rBV2	3766566	5324311	86.87%	7.823%
48	17.392	2445	2449	2454	rVB6	5291	7566	0.12%	0.011%
49	17.557	2469	2477	2479	rBV7	5908	10859	0.18%	0.016%
50	17.939	2537	2542	2547	rBV6	11831	20873	0.34%	0.031%
51	17.998	2547	2552	2557	rBV4	40035	57254	0.93%	0.084%
52	18.057	2557	2562	2572	rBV	306514	478682	7.81%	0.703%
53	18.133	2572	2575	2582	rVB	21428	37236	0.61%	0.055%
54	18.239	2590	2593	2599	rVB7	17845	22528	0.37%	0.033%
55	18.298	2600	2603	2605	rVV4	9714	10354	0.17%	0.015%
56	18.351	2609	2612	2617	rVB4	12159	16564	0.27%	0.024%
57	18.527	2638	2642	2643	rBV4	7759	9146	0.15%	0.013%
58	18.927	2707	2710	2714	rVV5	19738	26245	0.43%	0.039%
59	18.986	2714	2720	2723	rVV6	17907	32099	0.52%	0.047%
60	19.198	2752	2756	2758	rBV	51951	73245	1.20%	0.108%
61	19.227	2759	2761	2767	rVB	48118	67038	1.09%	0.099%
62	19.339	2776	2780	2788	rBV3	90939	145917	2.38%	0.214%
63	19.451	2796	2799	2803	rVB	37825	43377	0.71%	0.064%
64	19.562	2812	2818	2830	rBV	4503492	6128808	100.00%	9.005%
65	20.098	2906	2909	2915	rVB4	43597	54524	0.89%	0.080%
66	20.556	2982	2987	2991	rBV	2556291	2773506	45.25%	4.075%
67	20.592	2991	2993	2998	rVB2	90002	101308	1.65%	0.149%
68	21.056	3068	3072	3080	rBV	584608	736164	12.01%	1.082%
69	21.350	3117	3122	3132	rBV	2982444	3694946	60.29%	5.429%
70	21.492	3143	3146	3151	rBV	206609	244027	3.98%	0.359%
71	21.933	3217	3221	3231	rBV2	341537	570314	9.31%	0.838%

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72	22.403	3297	3301	3306	rBV	354153	463950	7.57%	0.682%
73	22.915	3384	3388	3393	rBV	399782	563600	9.20%	0.828%
74	23.480	3477	3484	3497	rVB	2851607	5421904	88.47%	7.967%
75	23.627	3502	3509	3518	rVB	1737702	3254154	53.10%	4.782%
76	24.150	3593	3598	3606	rVB	329084	608022	9.92%	0.893%

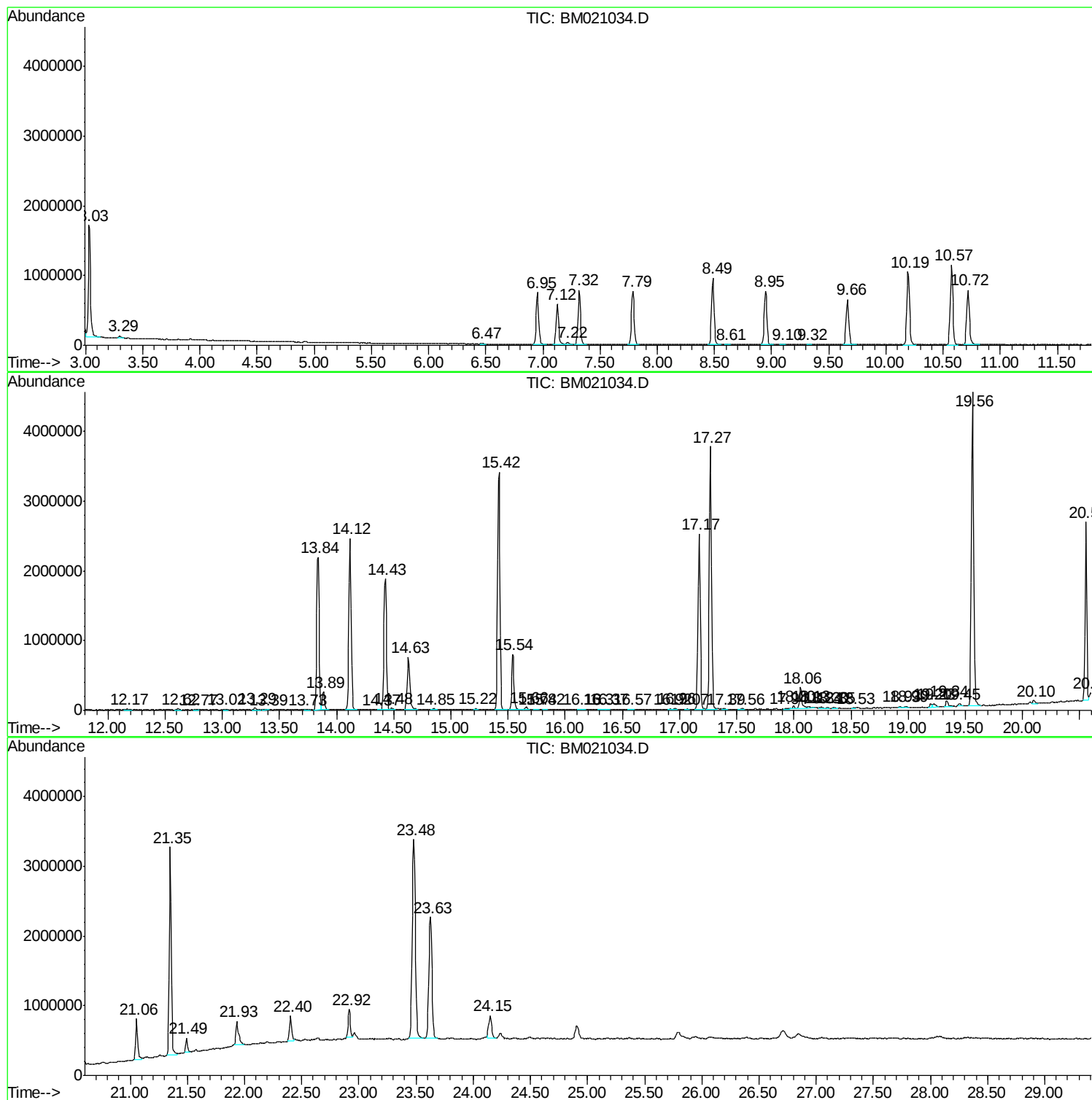
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
Operator : HP/JU
Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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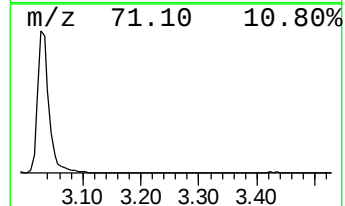
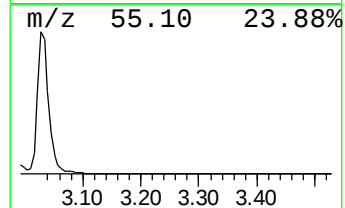
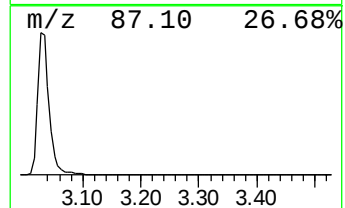
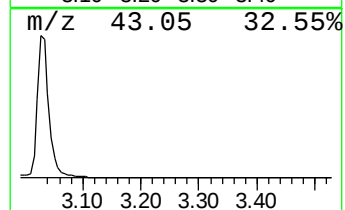
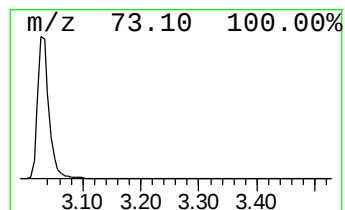
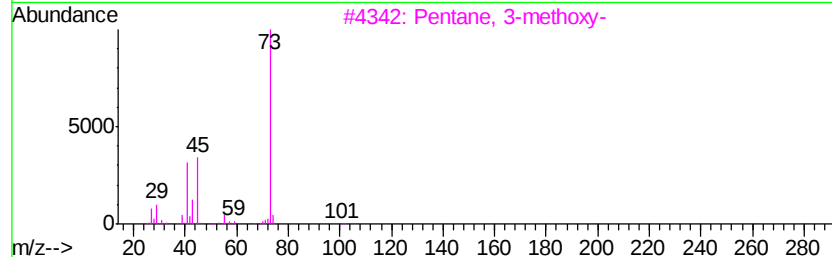
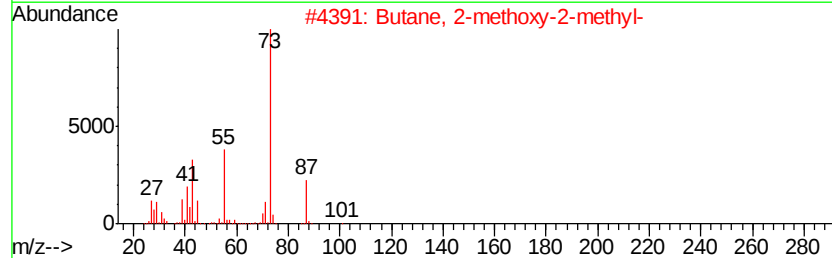
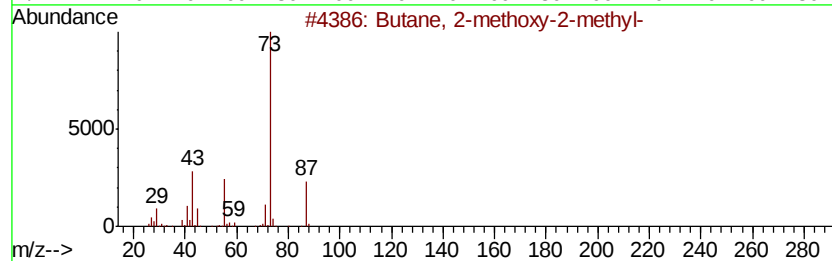
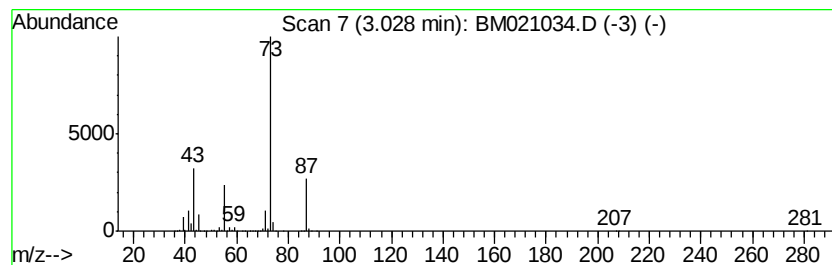
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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.
3.03	36.64 ng/ul	2218640	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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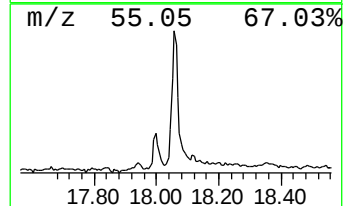
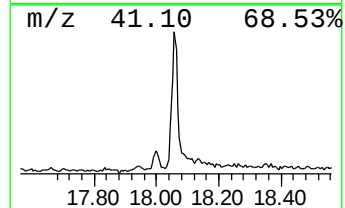
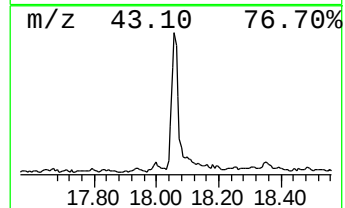
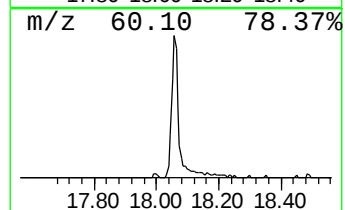
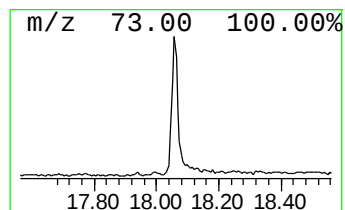
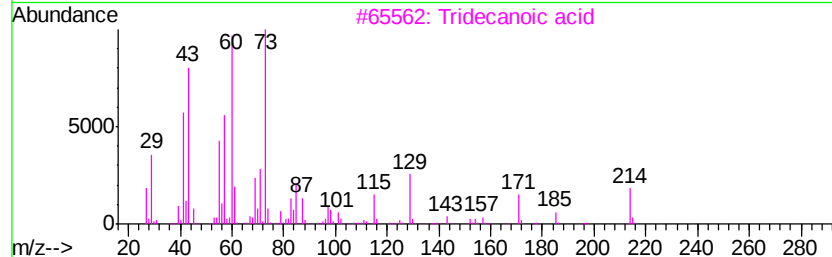
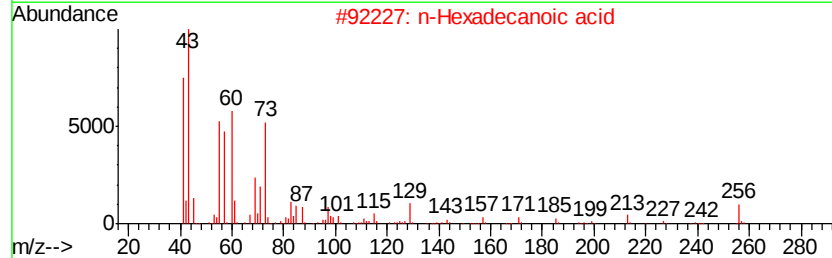
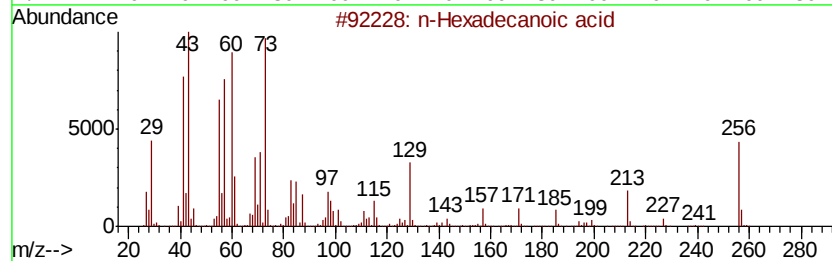
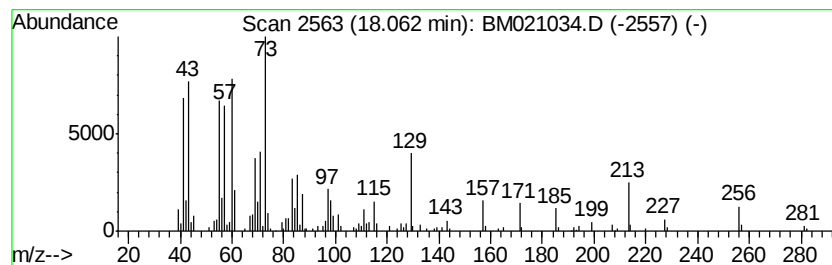
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.60 ng/ul	478682	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	



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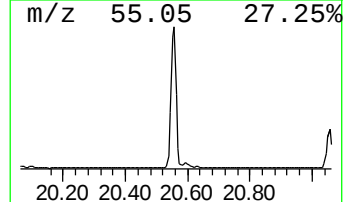
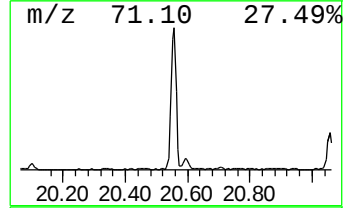
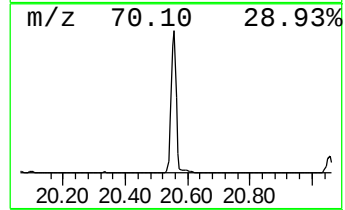
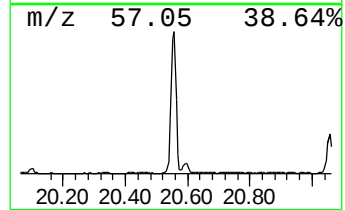
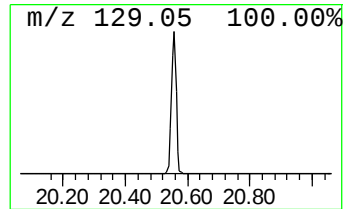
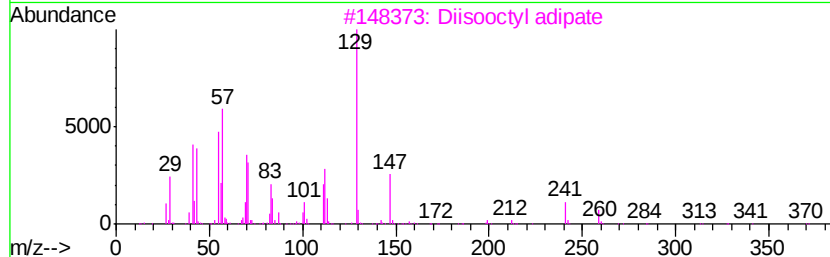
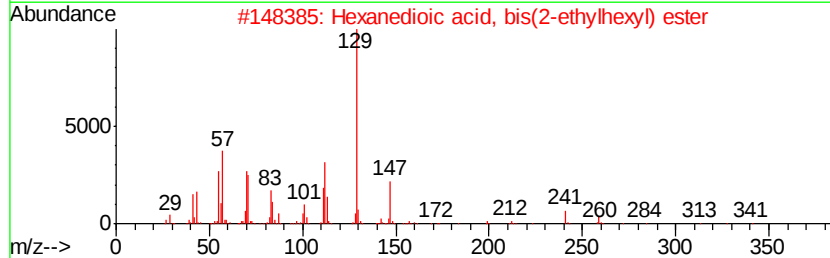
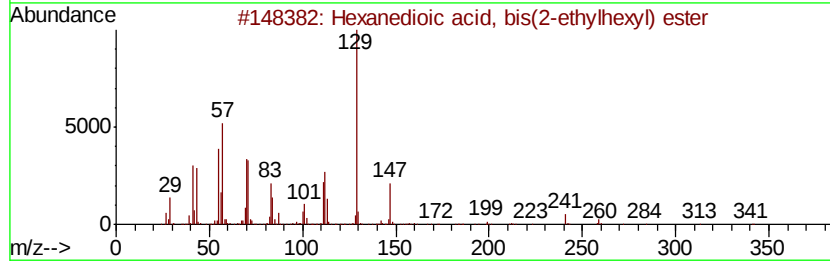
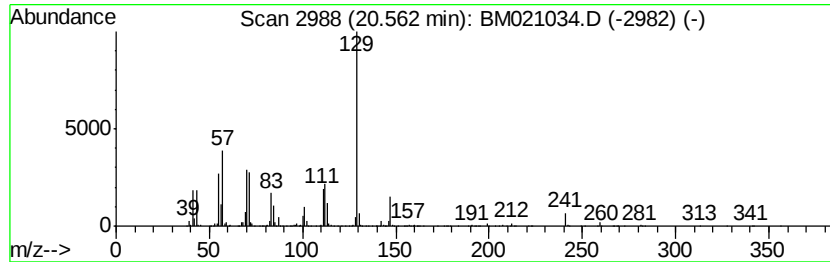
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	15.01 ng/ul	2773510	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3		Diisooctyl adipate	370	C22H42O4	001330-86-5	78
4		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76
5		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68



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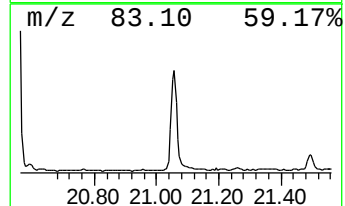
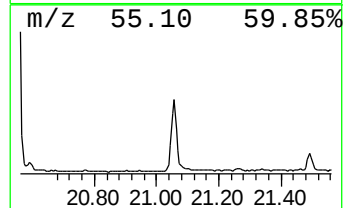
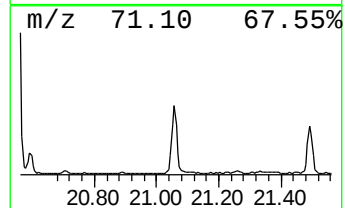
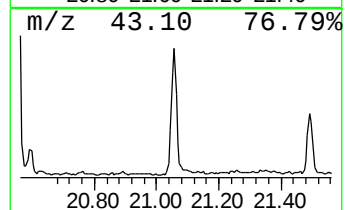
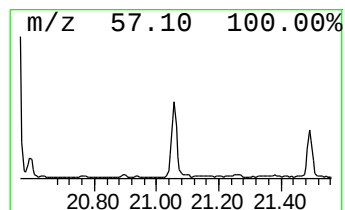
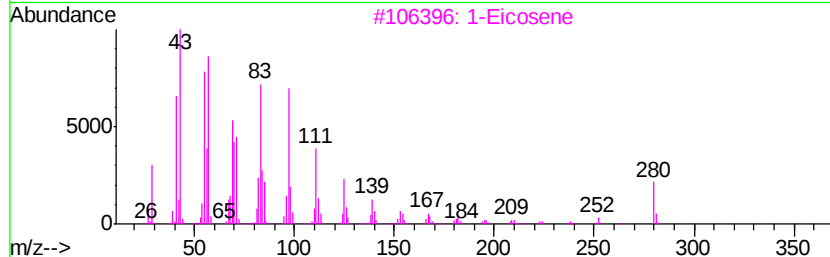
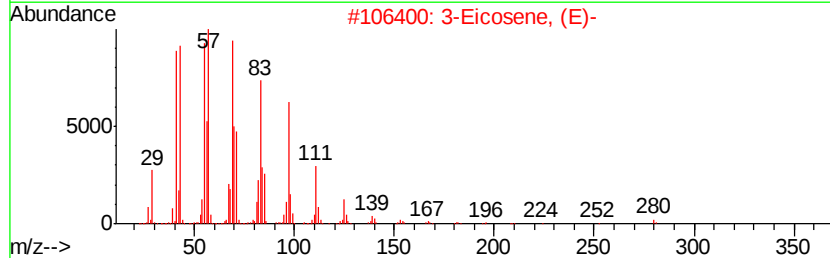
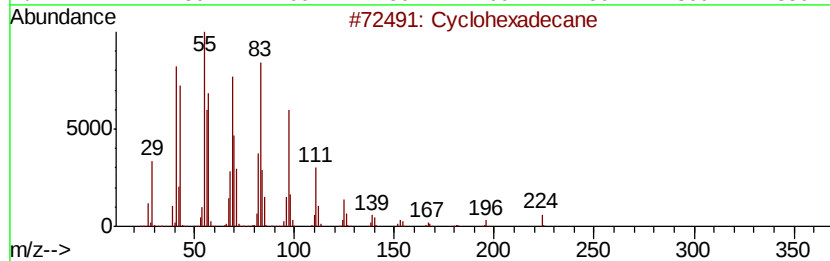
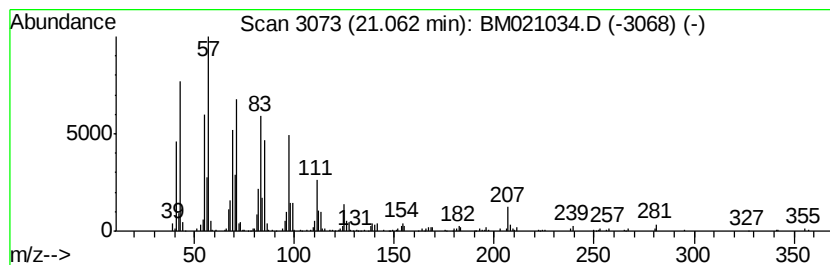
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.98 ng/ul	736164	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3		1-Eicosene	280	C20H40	003452-07-1	93
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	92
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
Operator : HP/JU
Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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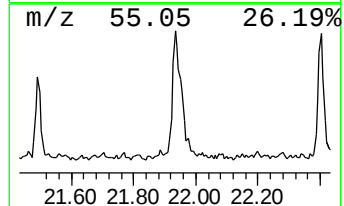
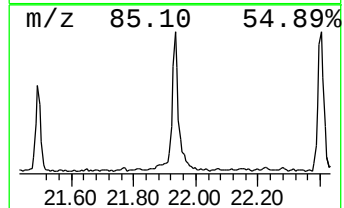
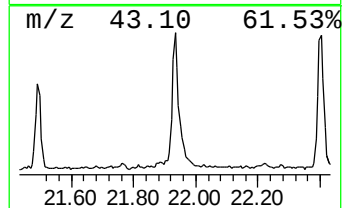
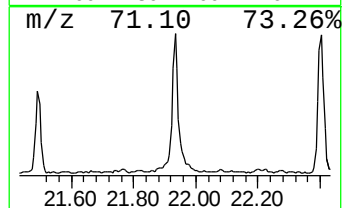
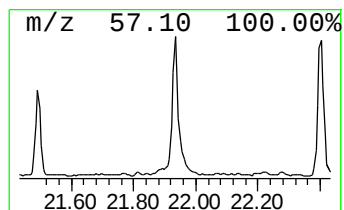
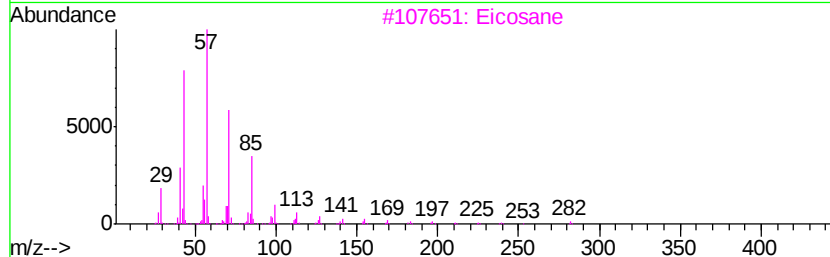
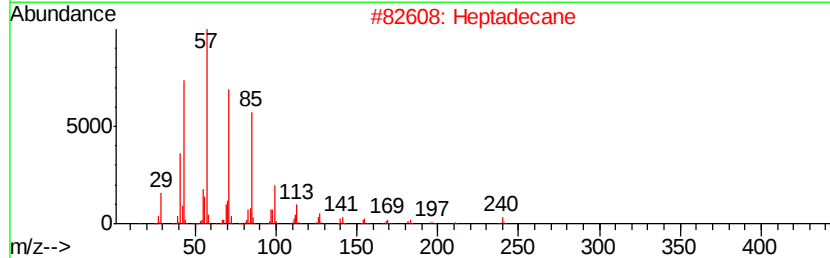
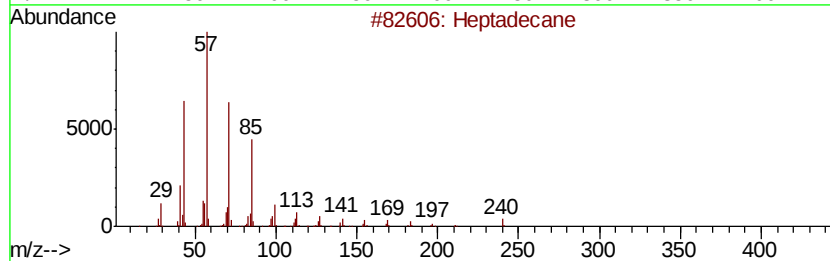
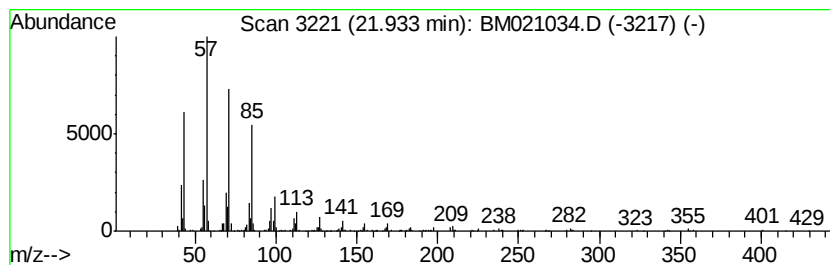
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	3.09 ng/ul	570314	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Heptadecane	240	C17H36	000629-78-7	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
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Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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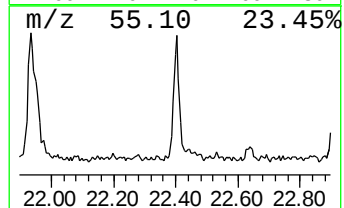
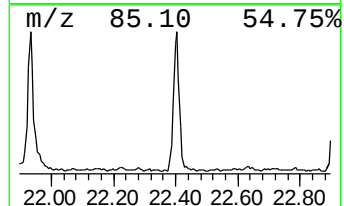
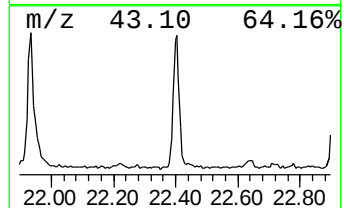
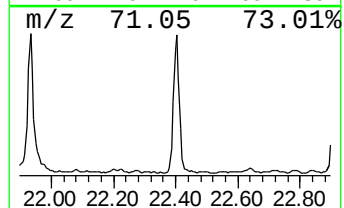
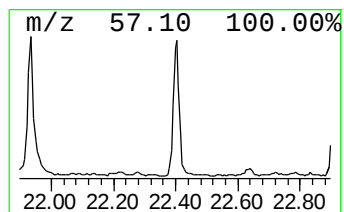
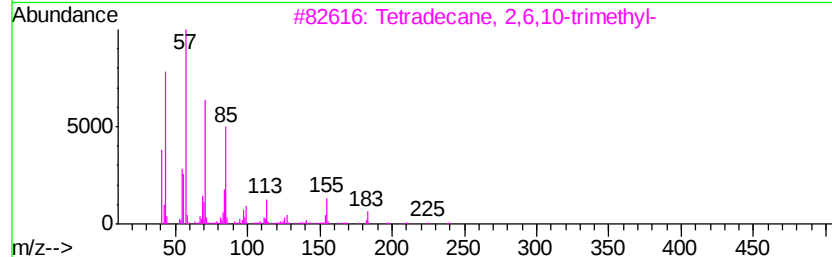
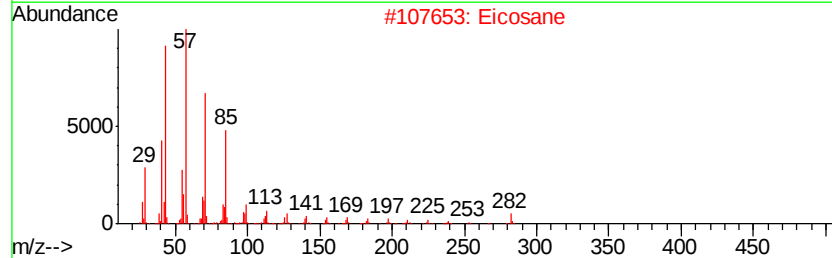
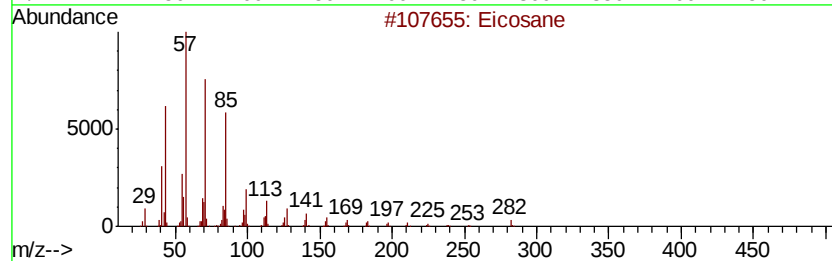
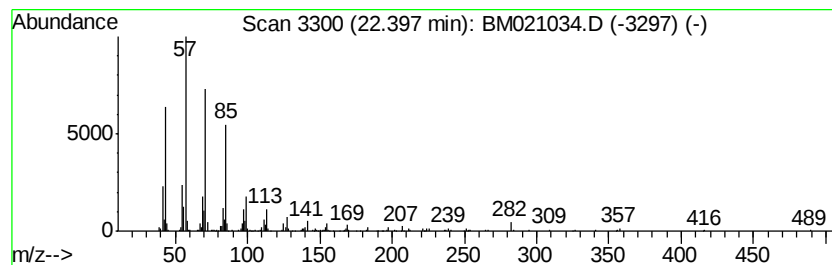
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.51 ng/ul	463950	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
Operator : HP/JU
Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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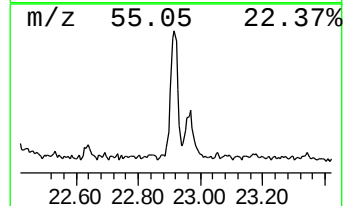
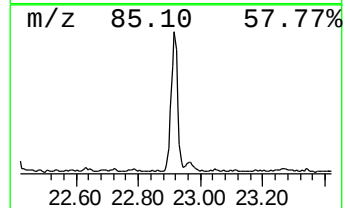
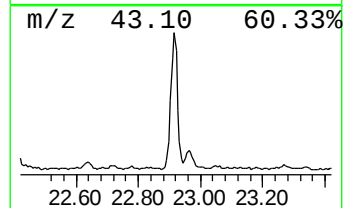
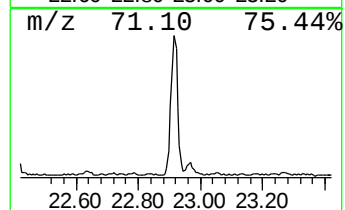
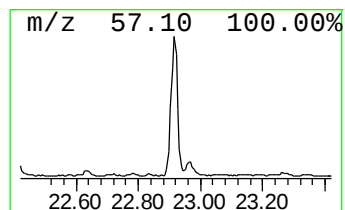
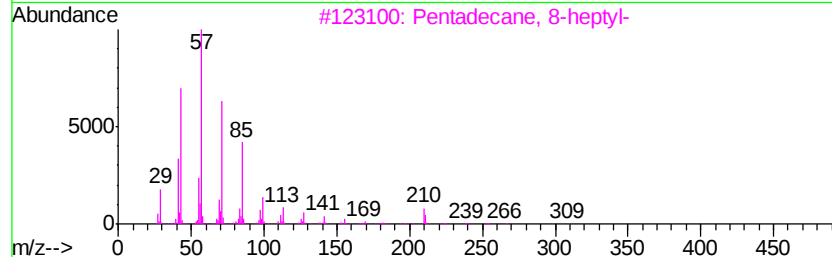
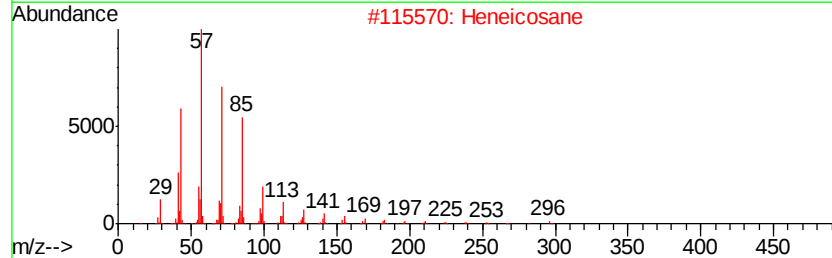
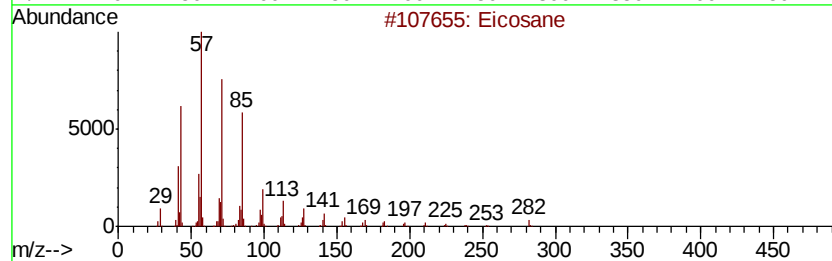
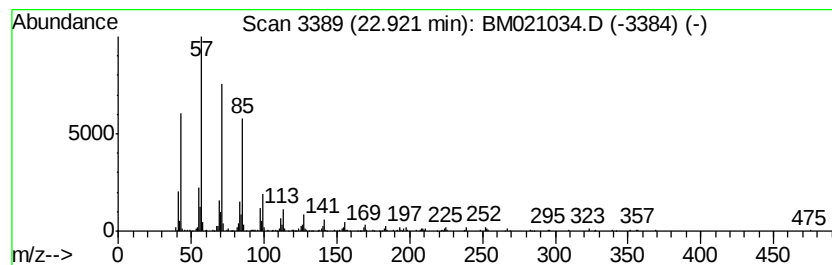
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	3.46 ng/ul	563600	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
Operator : HP/JU
Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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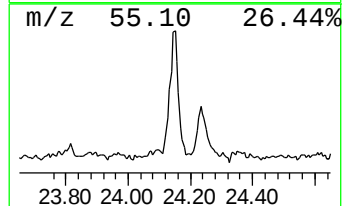
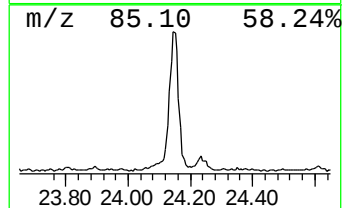
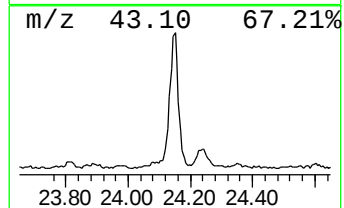
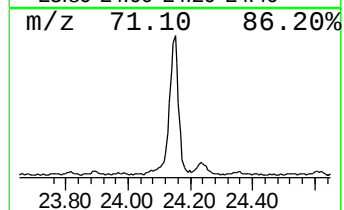
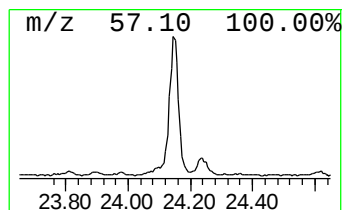
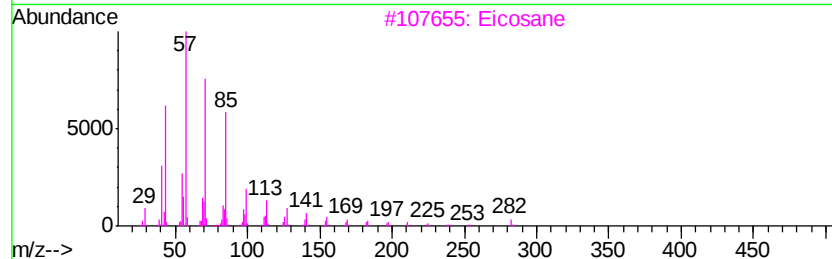
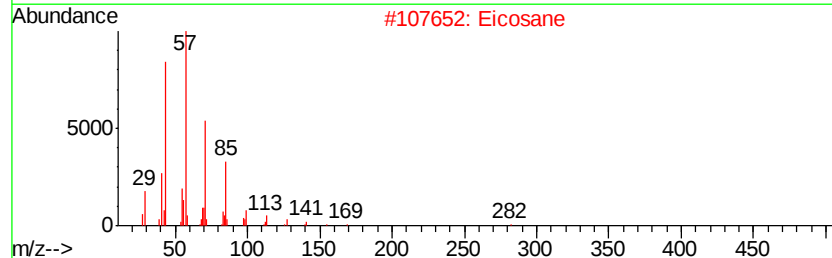
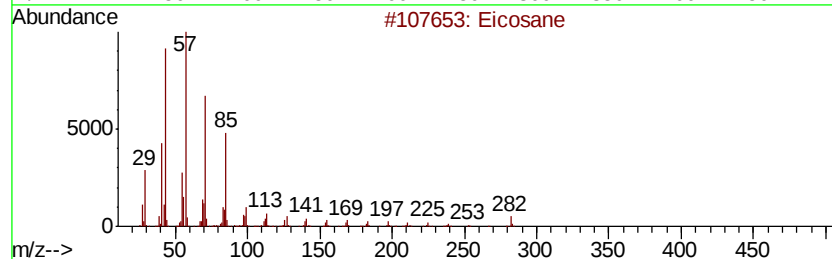
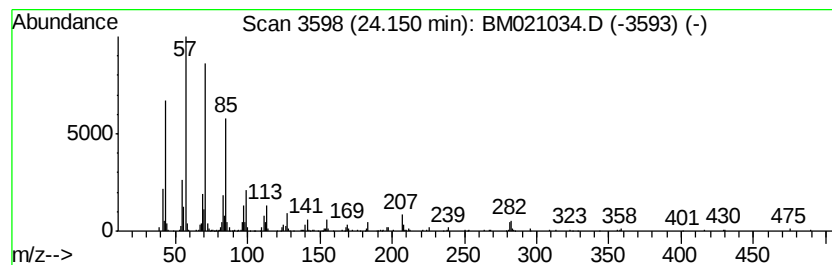
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	3.74 ng/ul	608022	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
Data File : BM021034.D
Acq On : 19 Jun 2019 09:47
Operator : HP/JU
Sample : K3332-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
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n-Hexadecanoic acid	18.06	2.6	ng/ul	478682	4	17.17	3683030	20.0
Hexanedioic acid,...	20.56	15.0	ng/ul	2773510	5	21.35	3694950	20.0
(DEL) Alkane: Cyc...	21.06	4.0	ng/ul	736164	5	21.35	3694950	20.0
(DEL) Alkane: Str...	21.93	3.1	ng/ul	570314	5	21.35	3694950	20.0
(DEL) Alkane: Str...	22.40	2.5	ng/ul	463950	5	21.35	3694950	20.0
(DEL) Alkane: Str...	22.92	3.5	ng/ul	563600	6	23.63	3254150	20.0
(DEL) Alkane: Str...	24.15	3.7	ng/ul	608022	6	23.63	3254150	20.0