

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020903.D
 Acq On : 12 Jun 2019 14:50
 Operator : HP/JU
 Sample : K3083-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F8

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	5	10	30	rVB	10202333	13256826	100.00%	15.230%
2	3.305	51	54	58	rBV	44401	57615	0.43%	0.066%
3	3.816	138	141	147	rVB	37759	48834	0.37%	0.056%
4	3.928	156	160	165	rVB	84269	114521	0.86%	0.132%
5	4.028	172	177	185	rVB	871130	1144096	8.63%	1.314%
6	4.446	246	248	256	rVB2	19861	24325	0.18%	0.028%
7	4.928	326	330	337	rVB	87346	125311	0.95%	0.144%
8	6.969	670	677	691	rVB	698323	1166361	8.80%	1.340%
9	7.146	700	707	714	rBV	546257	886727	6.69%	1.019%
10	7.334	733	739	749	rBV	742243	1184216	8.93%	1.361%
11	7.804	811	819	825	rBV	1054713	1617782	12.20%	1.859%
12	7.857	825	828	836	rVB5	9594	18429	0.14%	0.021%
13	8.504	931	938	949	rBV	810765	1293852	9.76%	1.486%
14	8.634	954	960	965	rVB3	12066	21421	0.16%	0.025%
15	8.963	1010	1016	1028	rBV	659387	1121414	8.46%	1.288%
16	9.069	1030	1034	1039	rVV8	7288	13317	0.10%	0.015%
17	9.345	1075	1081	1090	rVB2	26395	42171	0.32%	0.048%
18	9.681	1131	1138	1148	rBV	544902	893639	6.74%	1.027%
19	10.216	1221	1229	1241	rBV	860868	1444768	10.90%	1.660%
20	10.592	1286	1293	1301	rVB	1300344	2207236	16.65%	2.536%
21	10.734	1310	1317	1326	rBV	451994	837521	6.32%	0.962%
22	12.092	1544	1548	1555	rVB4	10198	17239	0.13%	0.020%
23	12.180	1559	1563	1571	rVB2	14573	23001	0.17%	0.026%
24	12.304	1579	1584	1592	rBV5	17676	34346	0.26%	0.039%
25	12.545	1619	1625	1631	rBV6	10672	22492	0.17%	0.026%
26	13.569	1792	1799	1802	rBV3	6766	13393	0.10%	0.015%
27	13.851	1840	1847	1852	rBV	1511888	2180618	16.45%	2.505%
28	13.898	1852	1855	1863	rVB	978861	1358825	10.25%	1.561%
29	14.133	1888	1895	1906	rVB	1615924	2474349	18.66%	2.843%
30	14.445	1941	1948	1955	rVV2	1813262	2828307	21.33%	3.249%
31	14.645	1973	1982	1995	rBV	408681	677842	5.11%	0.779%
32	14.804	2005	2009	2013	rBV3	21867	31145	0.23%	0.036%
33	14.851	2013	2017	2024	rVB9	26964	54672	0.41%	0.063%
34	15.233	2077	2082	2086	rBV	22271	30358	0.23%	0.035%

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35	15.439	2110	2117	2123	rBV	2126991	3076272	23.21%	3.534%
36	15.498	2123	2127	2132	rVB6	17535	22362	0.17%	0.026%
37	15.557	2132	2137	2144	rBV	337142	486960	3.67%	0.559%
38	15.680	2154	2158	2161	rVB3	23515	32827	0.25%	0.038%
39	16.145	2228	2237	2247	rBV	105793	174124	1.31%	0.200%
40	16.221	2247	2250	2254	rVB6	11261	15663	0.12%	0.018%
41	16.586	2308	2312	2318	rBV8	12041	20075	0.15%	0.023%
42	16.792	2344	2347	2351	rVB	19239	23784	0.18%	0.027%
43	17.010	2381	2384	2391	rVB2	15618	20341	0.15%	0.023%
44	17.080	2391	2396	2397	rBV4	15843	19253	0.15%	0.022%
45	17.186	2408	2414	2419	rBV2	2190603	3243170	24.46%	3.726%
46	17.233	2419	2422	2426	rVV	328412	436761	3.29%	0.502%
47	17.286	2426	2431	2442	rVB	2131652	3004653	22.66%	3.452%
48	17.380	2445	2447	2450	rVB3	13327	15033	0.11%	0.017%
49	17.545	2472	2475	2479	rBV	25859	42727	0.32%	0.049%
50	17.592	2480	2483	2488	rVB	47826	64170	0.48%	0.074%
51	17.680	2494	2498	2500	rBV4	10247	14818	0.11%	0.017%
52	17.957	2541	2545	2548	rBV5	12848	16361	0.12%	0.019%
53	18.080	2559	2566	2570	rBV	576321	885274	6.68%	1.017%
54	18.257	2591	2596	2600	rBV3	75680	137258	1.04%	0.158%
55	18.374	2613	2616	2619	rBV3	22158	25832	0.19%	0.030%
56	18.415	2619	2623	2627	rBV2	55859	76886	0.58%	0.088%
57	18.568	2644	2649	2652	rBV2	52853	80464	0.61%	0.092%
58	18.609	2652	2656	2660	rVB	104896	139098	1.05%	0.160%
59	18.757	2677	2681	2682	rBV3	22112	31841	0.24%	0.037%
60	19.245	2759	2764	2771	rVB	1399924	1876869	14.16%	2.156%
61	19.356	2778	2783	2792	rBV2	397959	639845	4.83%	0.735%
62	19.456	2796	2800	2804	rVV2	146844	210754	1.59%	0.242%
63	19.580	2815	2821	2824	rBV	2702637	3838982	28.96%	4.410%
64	19.609	2824	2826	2833	rVB	1084458	1266403	9.55%	1.455%
65	19.680	2834	2838	2841	rBV3	65796	97882	0.74%	0.112%
66	20.009	2891	2894	2897	rVB2	86354	98065	0.74%	0.113%
67	20.051	2898	2901	2903	rBV3	93631	128736	0.97%	0.148%
68	20.209	2924	2928	2932	rVB2	158522	213272	1.61%	0.245%
69	20.615	2994	2997	3000	rVB	111665	119052	0.90%	0.137%
70	20.851	3034	3037	3044	rBV	93230	125106	0.94%	0.144%
71	21.074	3071	3075	3083	rVB5	903711	1242182	9.37%	1.427%

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72	21.368	3119	3125	3129	rBV2	2927024	4393170	33.14%	5.047%
73	21.409	3129	3132	3137	rVB	674856	833690	6.29%	0.958%
74	21.515	3146	3150	3158	rVB3	581382	822621	6.21%	0.945%
75	21.956	3221	3225	3238	rVB2	1088947	1875648	14.15%	2.155%
76	22.427	3301	3305	3315	rVB	1280153	1828228	13.79%	2.100%
77	22.944	3389	3393	3399	rBV2	1839018	3620174	27.31%	4.159%
78	23.456	3476	3480	3484	rBV	322623	585269	4.41%	0.672%
79	23.515	3484	3490	3506	rVB4	2409702	6282737	47.39%	7.218%
80	23.656	3508	3514	3521	rBV	1858048	3449686	26.02%	3.963%
81	24.186	3599	3604	3613	rVB	1538138	2949169	22.25%	3.388%
82	24.950	3730	3734	3744	rVB	546081	1171956	8.84%	1.346%

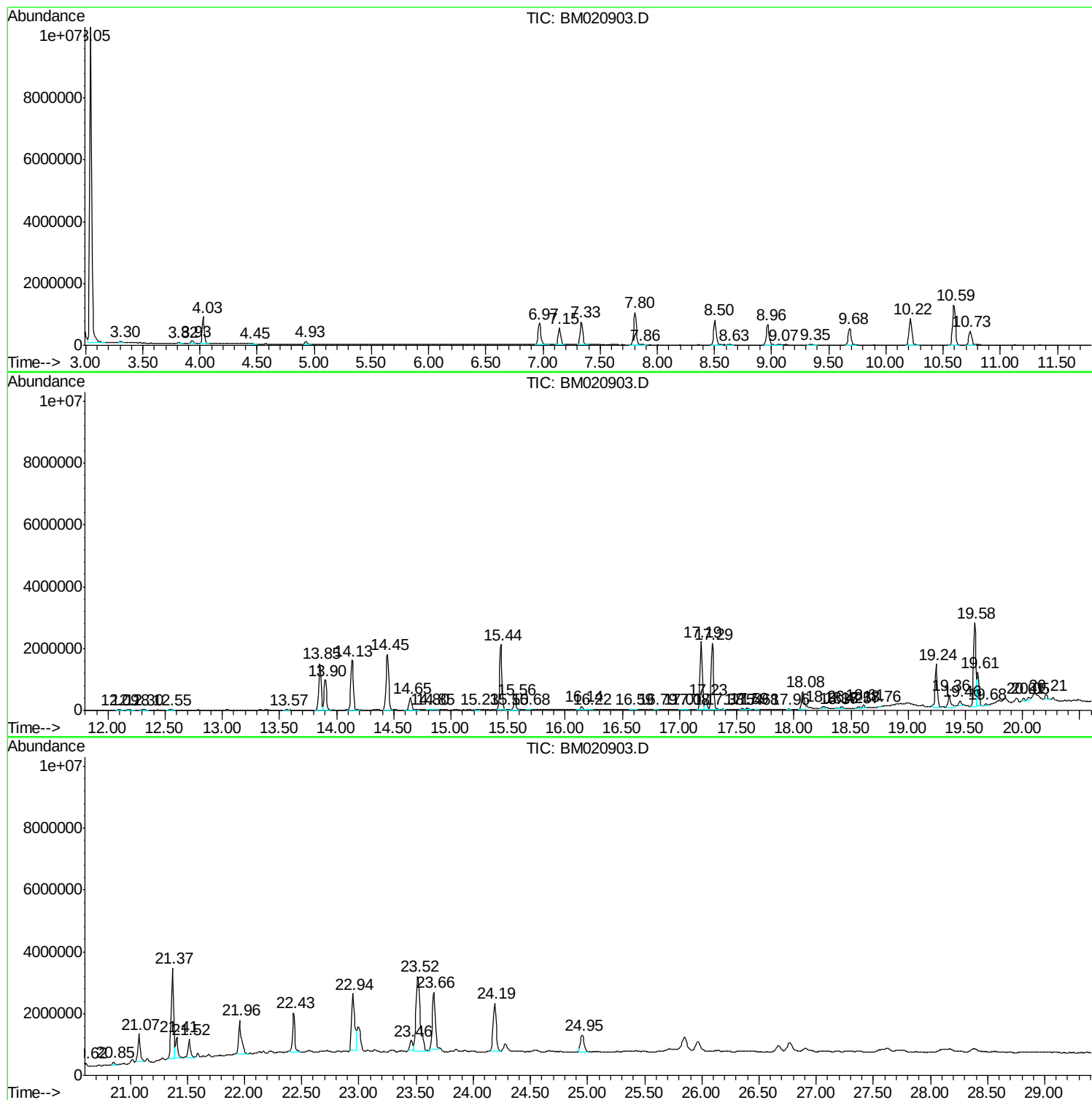
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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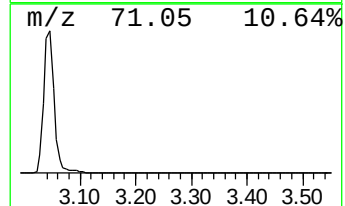
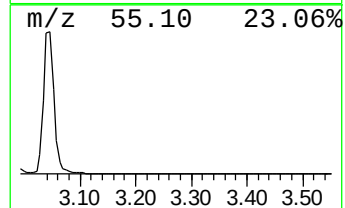
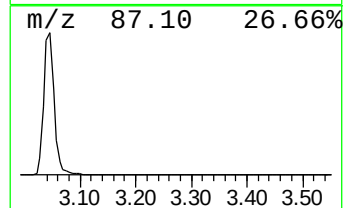
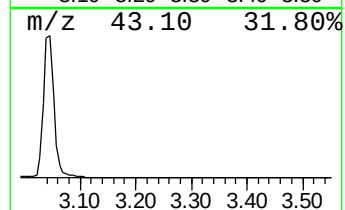
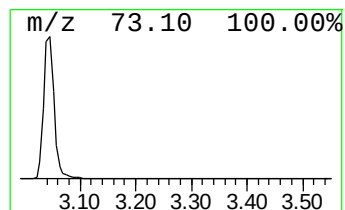
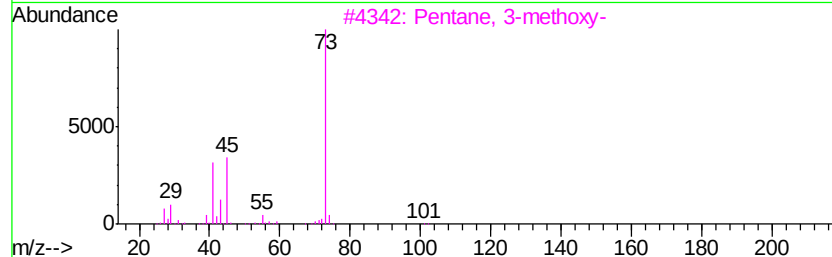
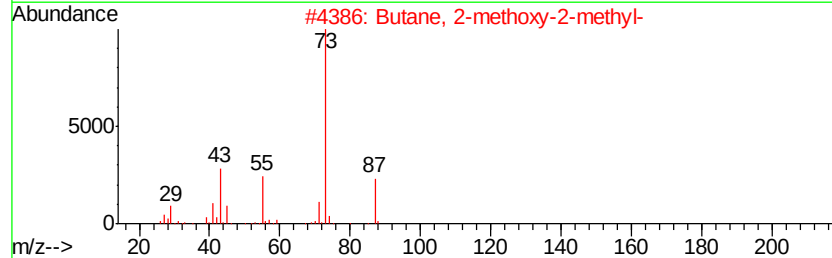
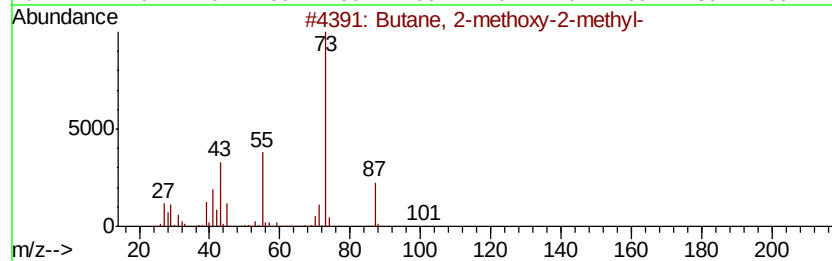
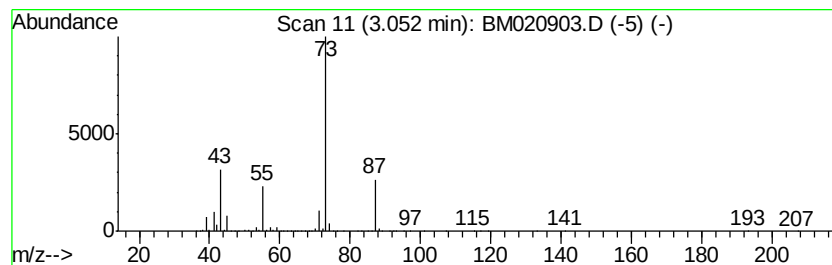
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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	163.89 ng/ul	13256800	1,4-Dichlorobenzene-d4	7.80

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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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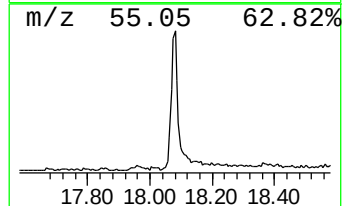
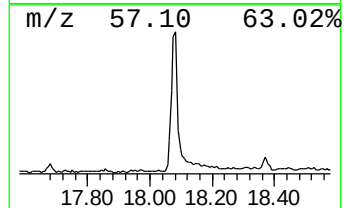
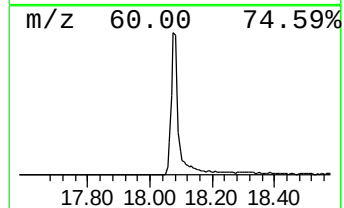
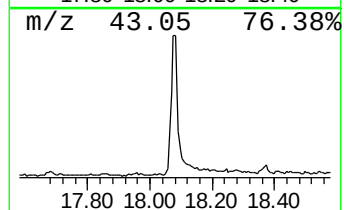
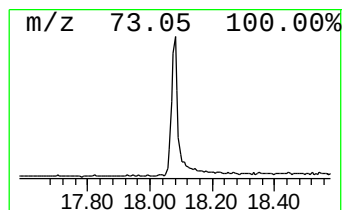
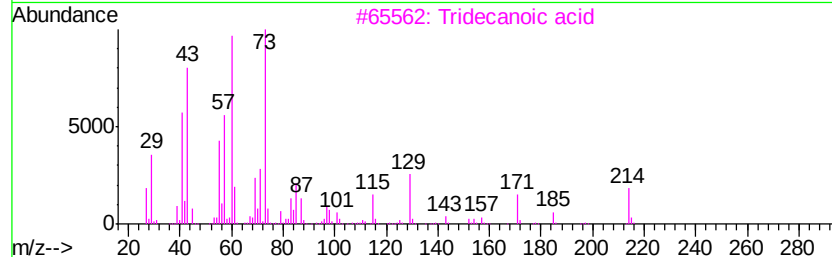
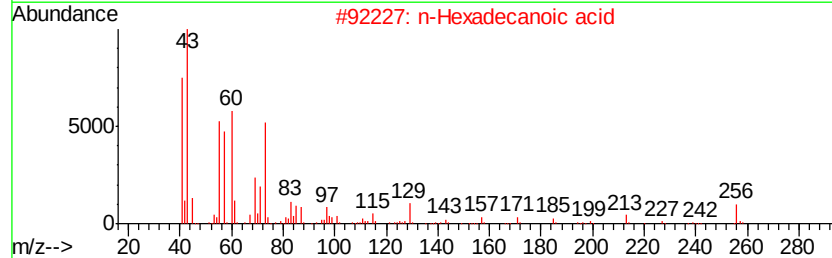
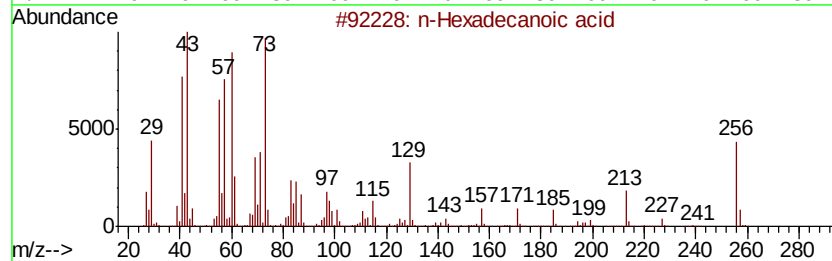
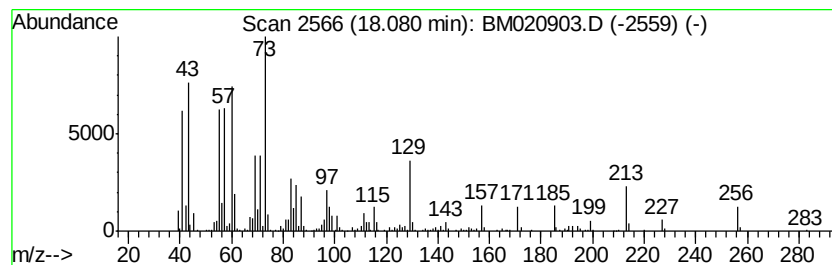
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	5.46 ng/ul	885274	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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	



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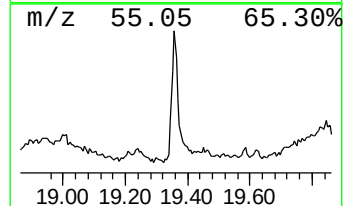
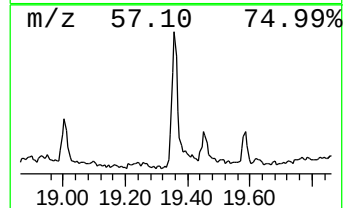
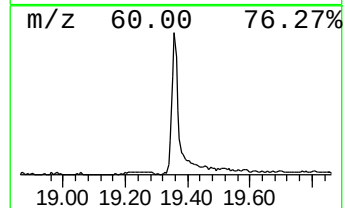
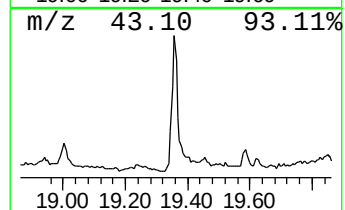
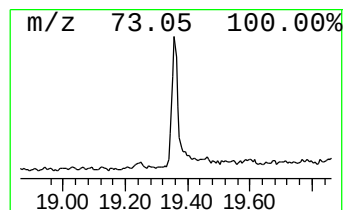
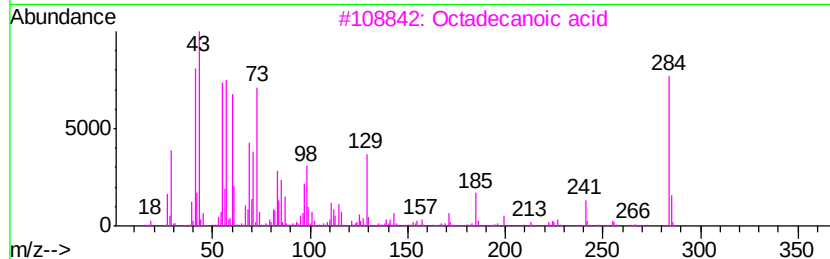
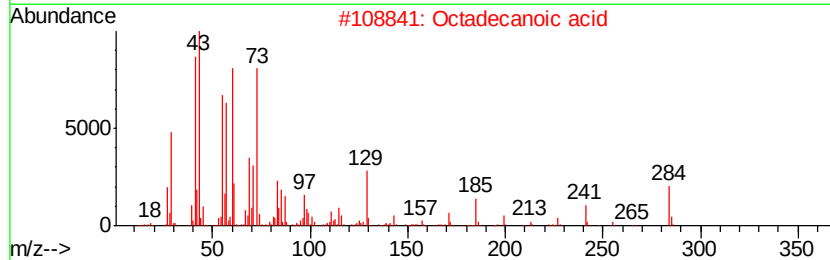
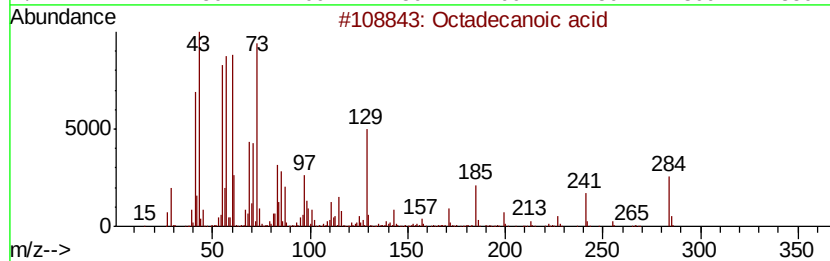
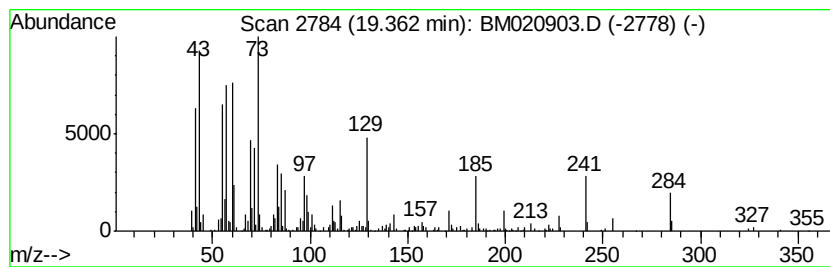
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Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.36	2.91 ng/ul	639845	Chrysene-d12	21.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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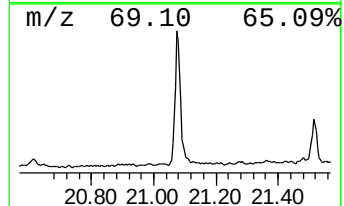
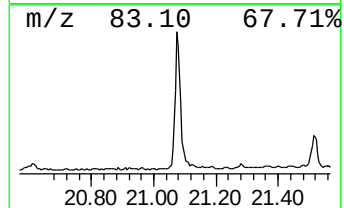
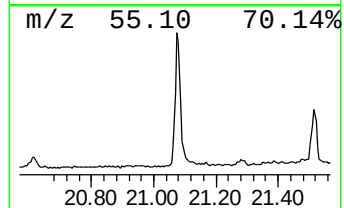
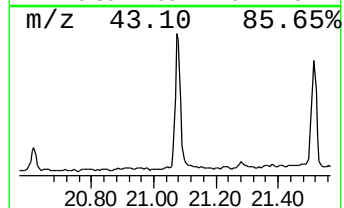
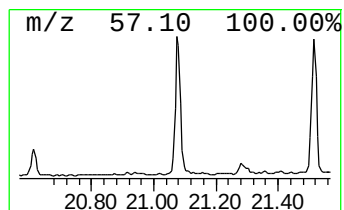
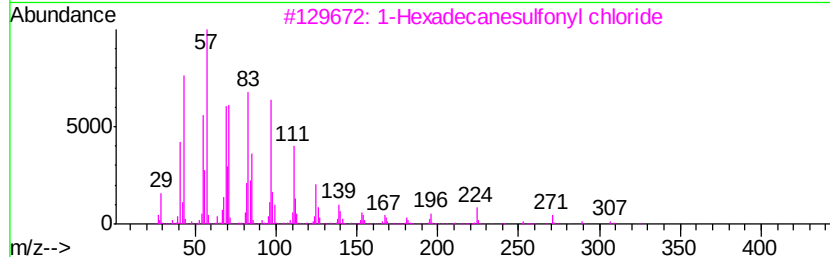
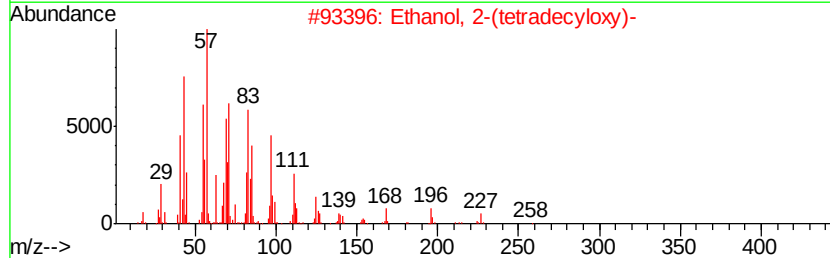
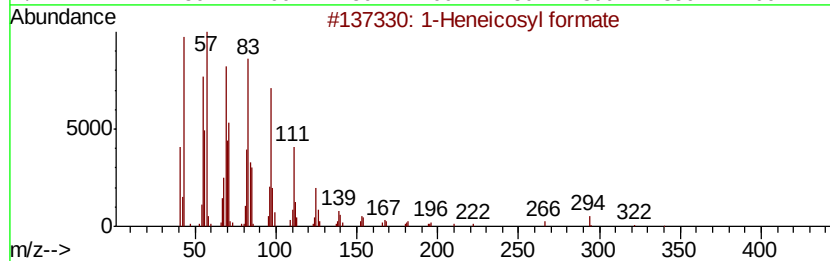
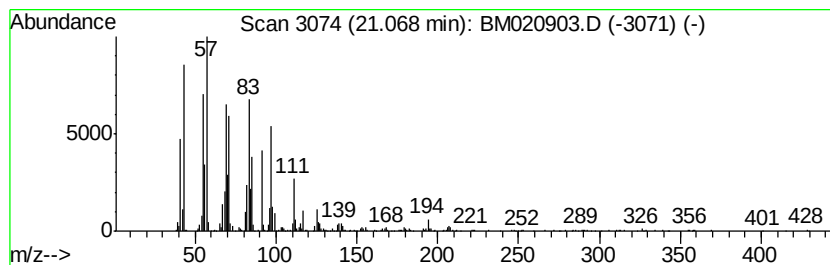
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.66 ng/ul	1242180	Chrysene-d12	21.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	93
2	Ethanol, 2-(tetradecyloxy)-		258	C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride		324	C16H33ClO2S	038775-38-1	87
4	Pentafluoropropionic acid, hepta...		402	C20H35F5O2	1000283-04-2	87
5	Heptafluorobutanoic acid, heptad...		452	C21H35F7O2	1000282-97-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020903.D
Acq On : 12 Jun 2019 14:50
Operator : HP/JU
Sample : K3083-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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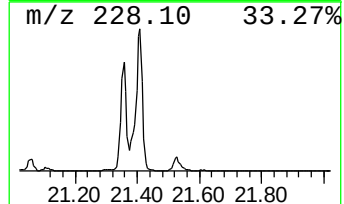
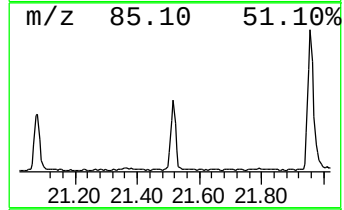
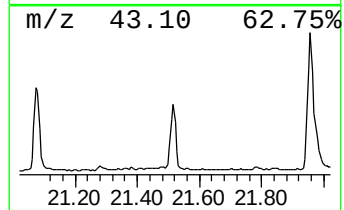
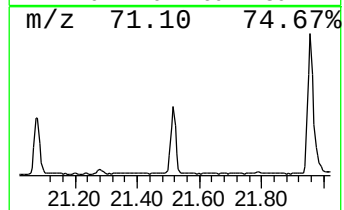
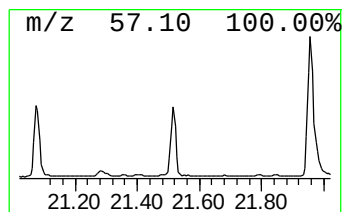
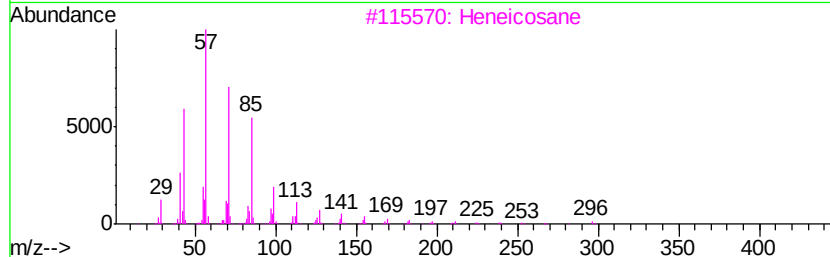
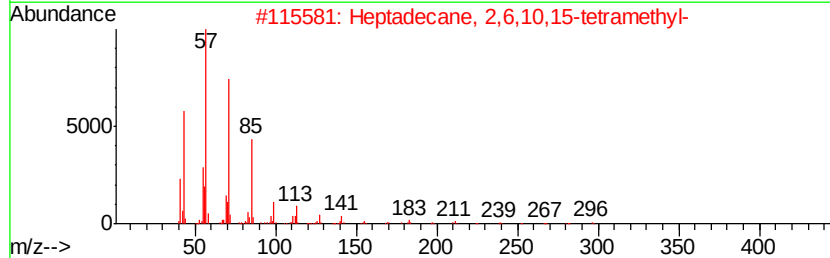
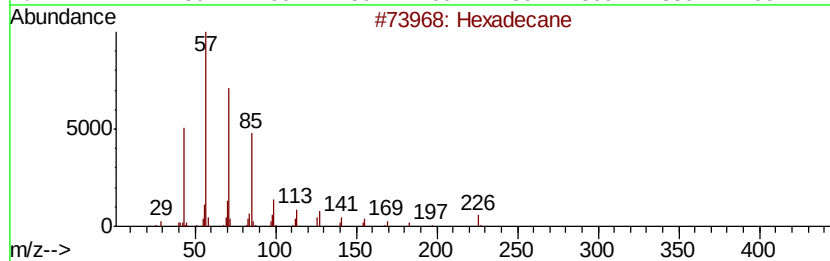
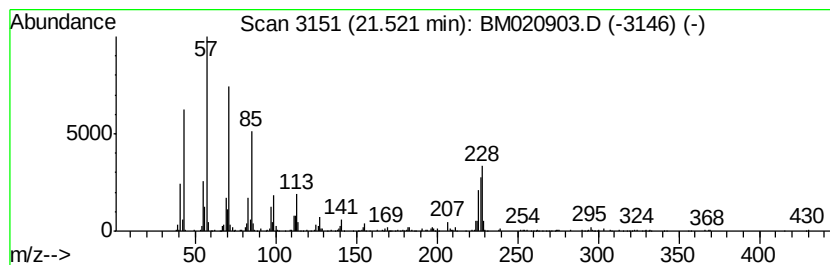
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.75 ng/ul	822621	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020903.D
Acq On : 12 Jun 2019 14:50
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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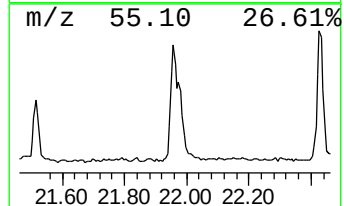
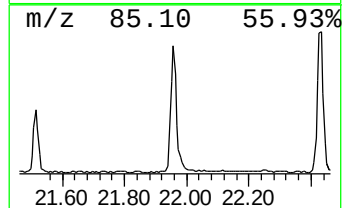
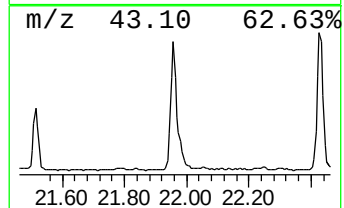
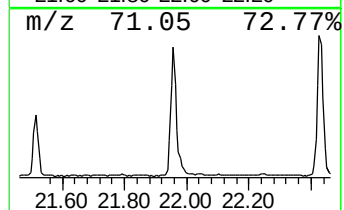
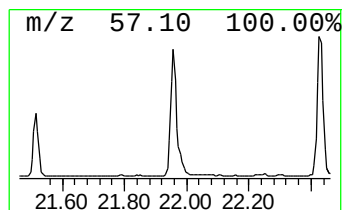
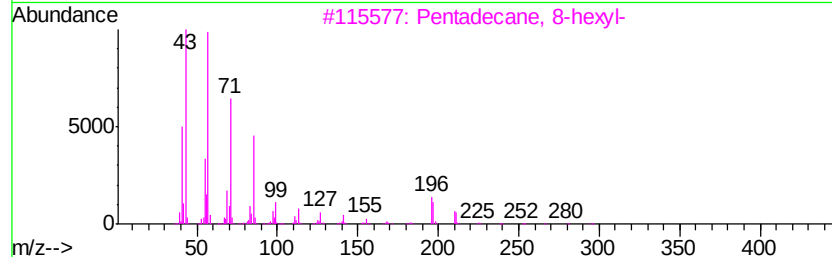
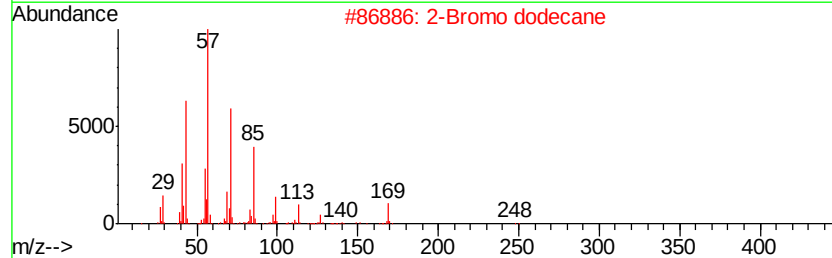
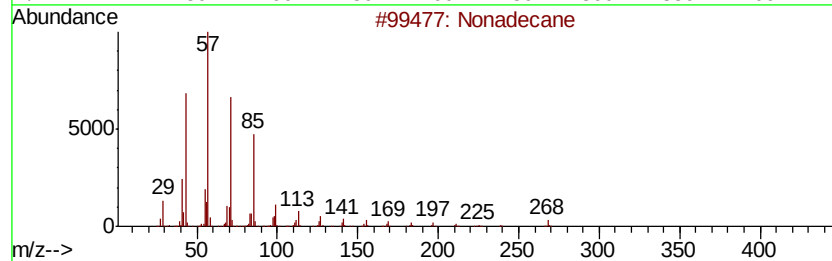
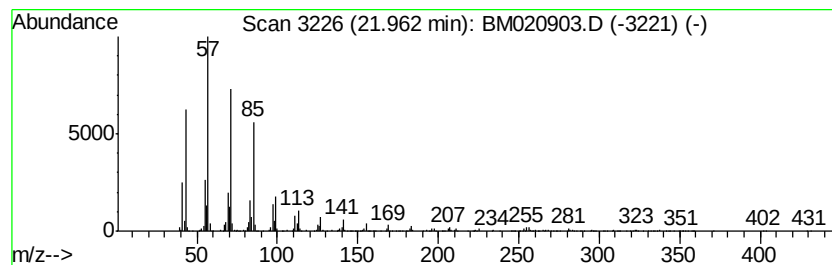
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	8.54 ng/ul	1875650	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Eicosane	282	C20H42	000112-95-8	94
5		Heptacosane	380	C27H56	000593-49-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020903.D
Acq On : 12 Jun 2019 14:50
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Sample : K3083-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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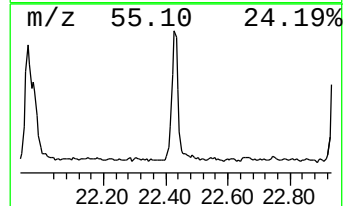
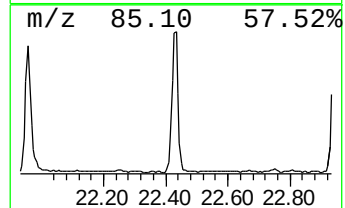
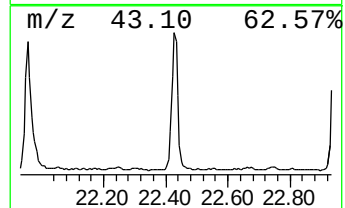
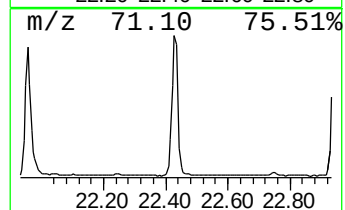
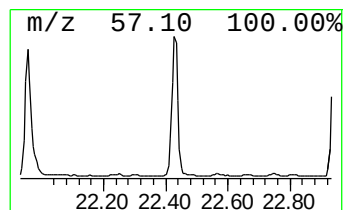
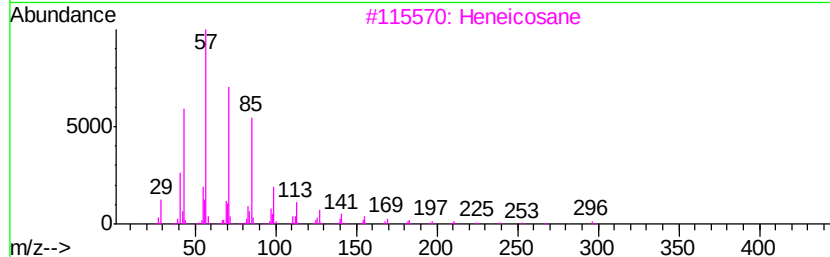
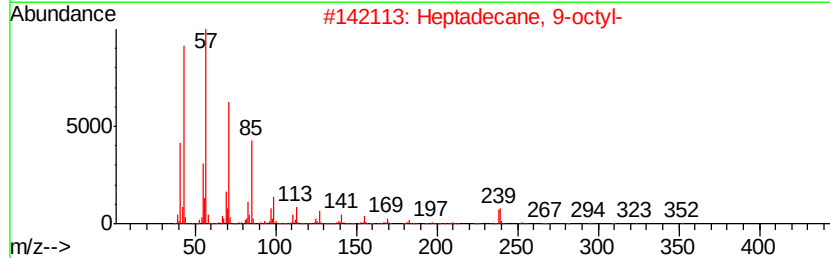
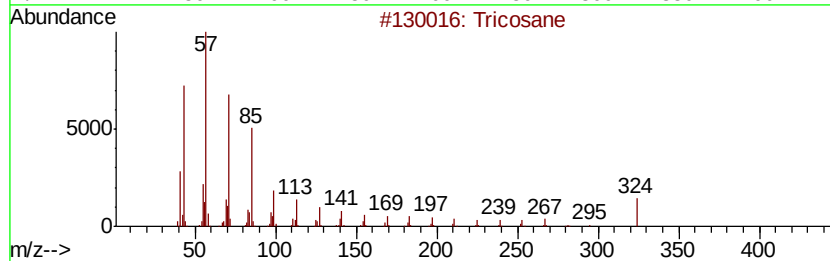
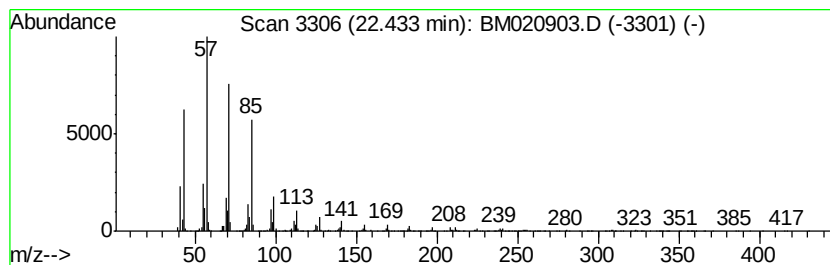
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	8.32 ng/ul	1828230	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020903.D
Acq On : 12 Jun 2019 14:50
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Sample : K3083-05
Misc :
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Instrument :
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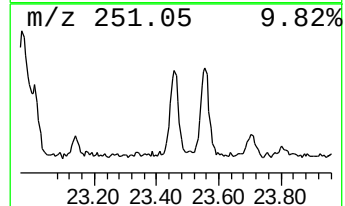
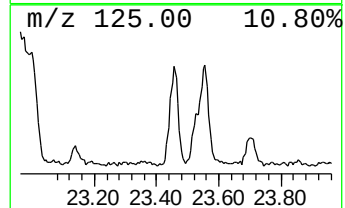
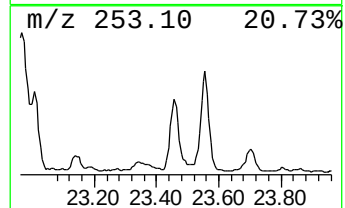
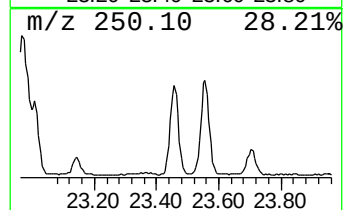
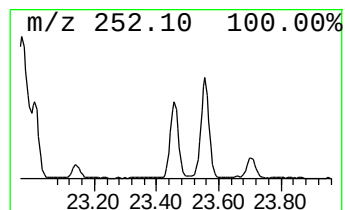
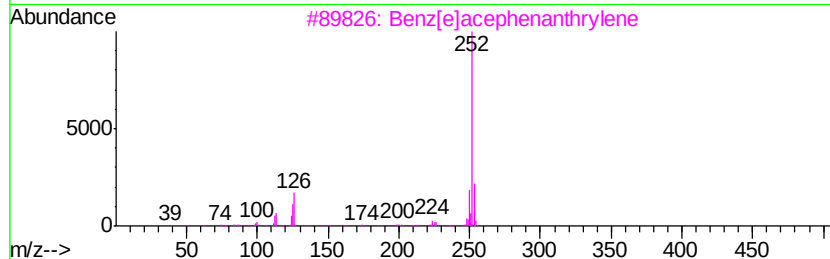
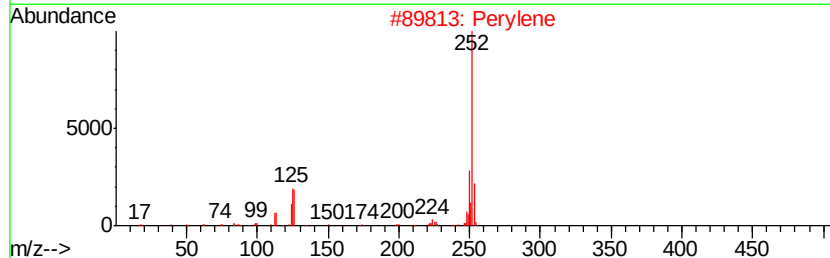
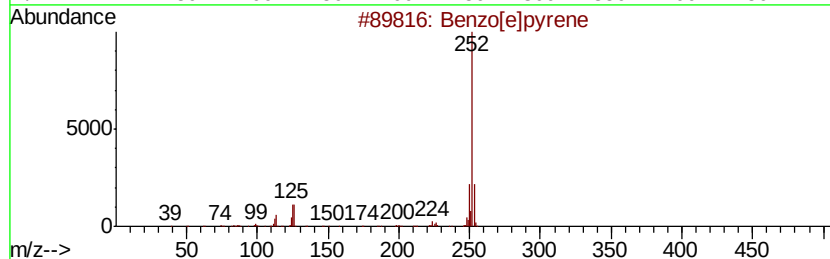
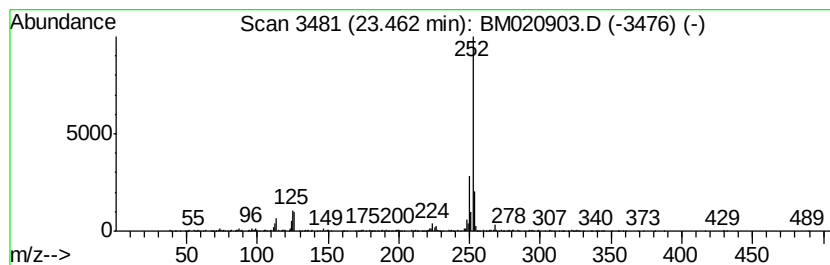
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	3.39 ng/ul	585269	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020903.D
Acq On : 12 Jun 2019 14:50
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Sample : K3083-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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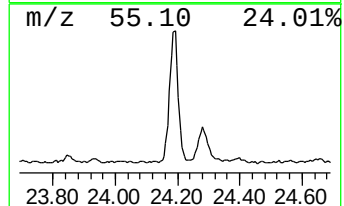
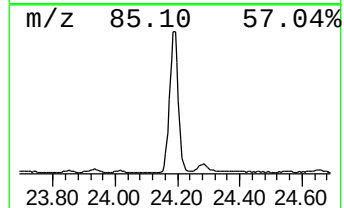
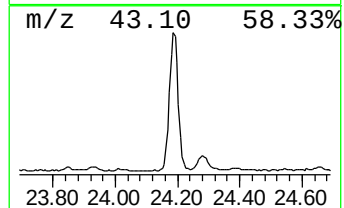
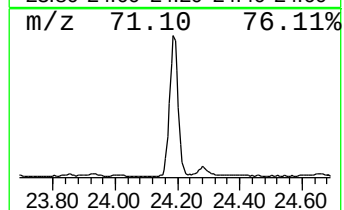
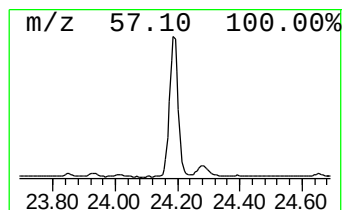
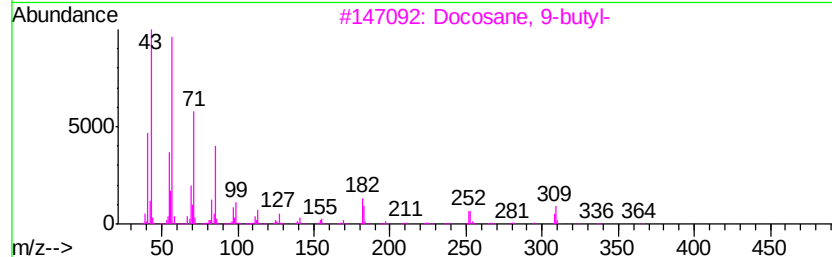
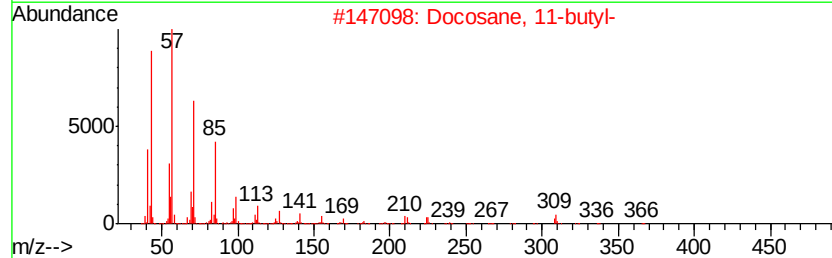
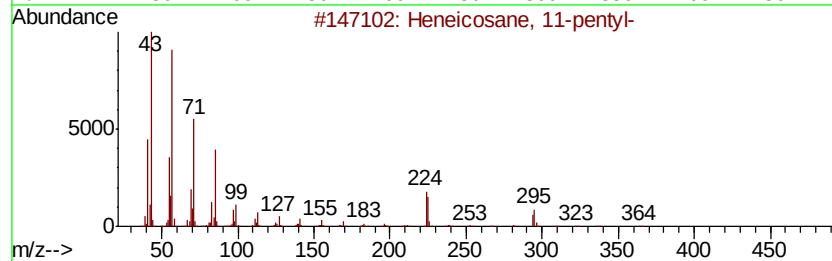
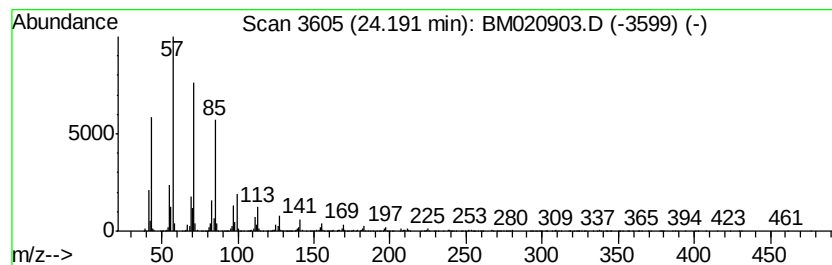
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	17.10 ng/ul	2949170	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
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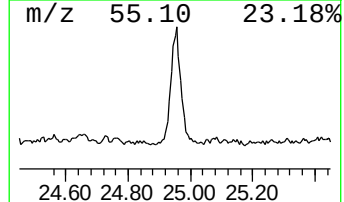
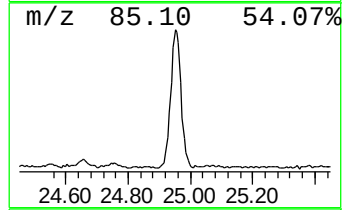
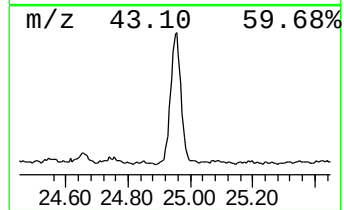
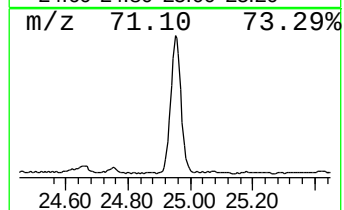
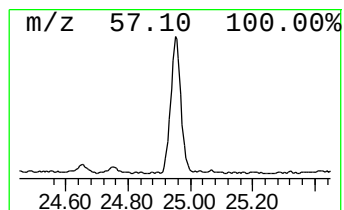
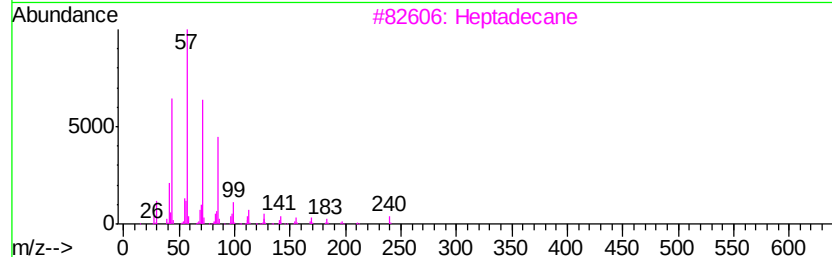
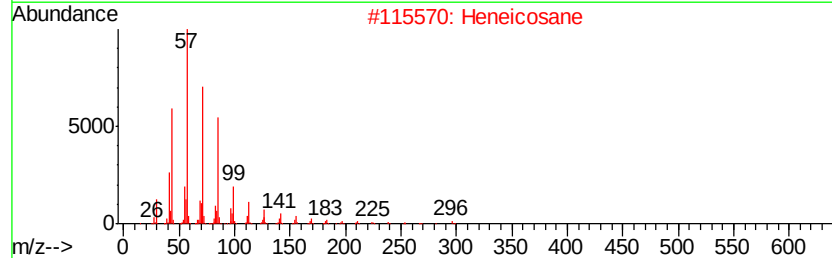
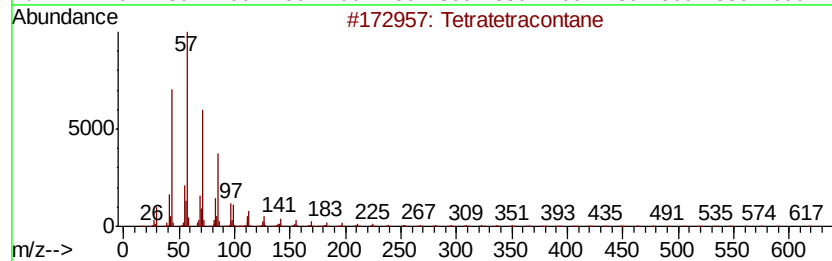
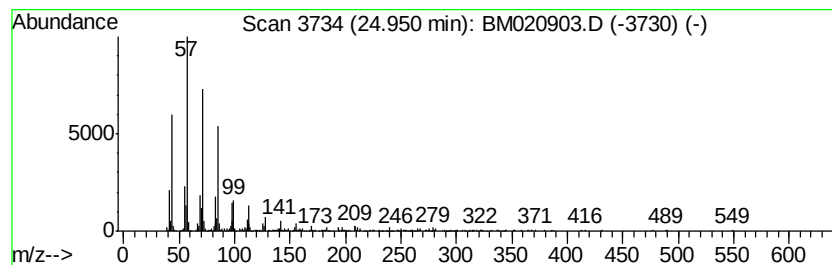
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	6.79 ng/ul	1171960	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	94
2			Heneicosane	296	C21H44	000629-94-7	93
3			Heptadecane	240	C17H36	000629-78-7	93
4			Heptacosane	380	C27H56	000593-49-7	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061219\
 Data File : BM020903.D
 Acq On : 12 Jun 2019 14:50
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 Sample : K3083-05
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	18.08	5.5	ng/ul	885274	4	17.19	3243170	20.0
Octadecanoic acid	19.36	2.9	ng/ul	639845	5	21.37	4393170	20.0
1-Heneicosyl formate	21.07	5.7	ng/ul	1242180	5	21.37	4393170	20.0
(DEL) Alkane: Str...	21.52	3.8	ng/ul	822621	5	21.37	4393170	20.0
(DEL) Alkane: Str...	21.96	8.5	ng/ul	1875650	5	21.37	4393170	20.0
(DEL) Alkane: Str...	22.43	8.3	ng/ul	1828230	5	21.37	4393170	20.0
Benzo[e]pyrene	23.46	3.4	ng/ul	585269	6	23.66	3449690	20.0
(DEL) Alkane: Str...	24.19	17.1	ng/ul	2949170	6	23.66	3449690	20.0
(DEL) Alkane: Str...	24.95	6.8	ng/ul	1171960	6	23.66	3449690	20.0