

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021216.D
 Acq On : 27 Jun 2019 14:44
 Operator : HP/JU
 Sample : K3502-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD2

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	3.016	3	5	24	rVB	2592795	3280193	64.60%	4.026%
2	4.410	238	242	252	rVB	224270	302731	5.96%	0.372%
3	6.869	655	660	665	rVB	135709	185860	3.66%	0.228%
4	6.934	665	671	682	rVB	637494	1054230	20.76%	1.294%
5	7.104	694	700	713	rBV	522526	821338	16.18%	1.008%
6	7.298	726	733	743	rVB	672956	1094609	21.56%	1.343%
7	7.763	805	812	819	rBV	895932	1391113	27.40%	1.707%
8	8.463	925	931	942	rBV	751381	1257562	24.77%	1.543%
9	8.928	1003	1010	1022	rBV	686722	1155036	22.75%	1.418%
10	9.292	1066	1072	1079	rBV	79029	117551	2.32%	0.144%
11	9.639	1124	1131	1141	rBV	598298	981818	19.34%	1.205%
12	10.175	1214	1222	1231	rBV	959690	1638274	32.27%	2.011%
13	10.551	1277	1286	1291	rBV	1313853	2222985	43.78%	2.728%
14	10.592	1291	1293	1299	rVB	84404	107013	2.11%	0.131%
15	10.698	1304	1311	1328	rBV	662596	1235635	24.34%	1.517%
16	11.786	1490	1496	1503	rVB	55832	84258	1.66%	0.103%
17	12.139	1551	1556	1562	rBV	18343	28359	0.56%	0.035%
18	12.745	1654	1659	1667	rVB6	11486	23456	0.46%	0.029%
19	13.004	1698	1703	1708	rVB2	17806	25431	0.50%	0.031%
20	13.292	1745	1752	1757	rBV	58480	95456	1.88%	0.117%
21	13.816	1830	1841	1846	rBV	1996313	2808555	55.32%	3.447%
22	13.863	1846	1849	1856	rVV	425574	563745	11.10%	0.692%
23	14.051	1876	1881	1883	rBV	28349	41406	0.82%	0.051%
24	14.098	1883	1889	1900	rVB	2126274	3204055	63.11%	3.932%
25	14.404	1934	1941	1948	rBV2	2222282	3271532	64.43%	4.015%
26	14.468	1948	1952	1957	rVB	41641	60628	1.19%	0.074%
27	14.616	1971	1977	1992	rBV	494915	879472	17.32%	1.079%
28	14.810	2005	2010	2019	rVB2	29608	63286	1.25%	0.078%
29	15.198	2069	2076	2078	rBV	50625	69252	1.36%	0.085%
30	15.227	2078	2081	2089	rVB2	36673	55955	1.10%	0.069%
31	15.351	2098	2102	2104	rBV	38265	45637	0.90%	0.056%
32	15.398	2104	2110	2116	rVV	3003860	4168846	82.11%	5.117%
33	15.457	2116	2120	2126	rVB	56286	82865	1.63%	0.102%
34	15.527	2126	2132	2139	rBV	700652	1004329	19.78%	1.233%

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 Title : SVOA CALIBRATION

35	15.639	2144	2151	2157	rVV5	38139	93722	1.85%	0.115%
36	15.686	2157	2159	2165	rVV5	10997	20052	0.39%	0.025%
37	15.751	2165	2170	2175	rVB2	30127	50568	1.00%	0.062%
38	15.892	2191	2194	2200	rBV2	19348	32709	0.64%	0.040%
39	16.127	2228	2234	2239	rBV9	25335	58535	1.15%	0.072%
40	16.292	2257	2262	2269	rVV5	19015	38250	0.75%	0.047%
41	16.457	2284	2290	2295	rVV5	24282	43237	0.85%	0.053%
42	16.551	2302	2306	2310	rVV3	31923	47928	0.94%	0.059%
43	16.604	2311	2315	2321	rVB3	33141	48294	0.95%	0.059%
44	16.809	2346	2350	2357	rBV3	41279	63459	1.25%	0.078%
45	16.904	2358	2366	2369	rBV6	30080	62568	1.23%	0.077%
46	16.968	2374	2377	2382	rVB	42521	64425	1.27%	0.079%
47	17.151	2402	2408	2412	rBV2	2750118	3924154	77.29%	4.816%
48	17.192	2412	2415	2420	rVB	982477	1263823	24.89%	1.551%
49	17.251	2420	2425	2430	rBV	3068969	4343670	85.55%	5.331%
50	17.539	2469	2474	2475	rBV2	35504	45686	0.90%	0.056%
51	17.562	2475	2478	2486	rVB	56600	85631	1.69%	0.105%
52	17.668	2493	2496	2502	rVB3	40082	56711	1.12%	0.070%
53	17.733	2502	2507	2512	rBV6	20657	36681	0.72%	0.045%
54	17.915	2535	2538	2543	rVV5	22221	39590	0.78%	0.049%
55	17.968	2544	2547	2552	rVV5	53610	96509	1.90%	0.118%
56	18.045	2552	2560	2563	rVV2	547041	931568	18.35%	1.143%
57	18.074	2563	2565	2570	rVV	222023	299354	5.90%	0.367%
58	18.115	2570	2572	2575	rVV	51556	72013	1.42%	0.088%
59	18.156	2576	2579	2584	rVV	52725	85151	1.68%	0.105%
60	18.221	2584	2590	2594	rVV4	156960	287889	5.67%	0.353%
61	18.256	2594	2596	2601	rVB	74777	93893	1.85%	0.115%
62	18.333	2605	2609	2614	rVB6	28321	42604	0.84%	0.052%
63	18.527	2638	2642	2646	rBV	95947	132538	2.61%	0.163%
64	18.574	2646	2650	2655	rVV	127104	182314	3.59%	0.224%
65	18.774	2680	2684	2687	rBV4	25841	35716	0.70%	0.044%
66	18.821	2689	2692	2695	rVV2	25821	29565	0.58%	0.036%
67	18.909	2703	2707	2709	rBV2	56164	84240	1.66%	0.103%
68	18.945	2710	2713	2715	rVV2	25206	33012	0.65%	0.041%
69	19.092	2733	2738	2746	rVB2	64454	121518	2.39%	0.149%
70	19.209	2749	2758	2765	rBV	1760851	2411625	47.50%	2.960%
71	19.321	2772	2777	2788	rBV3	218533	383622	7.56%	0.471%

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72	19.415	2790	2793	2797	rBV3	33142	59587	1.17%	0.073%
73	19.545	2809	2815	2818	rBV	3622233	5077306	100.00%	6.232%
74	19.574	2818	2820	2828	rVV	1299045	1544210	30.41%	1.895%
75	19.645	2828	2832	2840	rVB	76593	117861	2.32%	0.145%
76	19.756	2846	2851	2857	rBV2	83209	144015	2.84%	0.177%
77	19.898	2870	2875	2882	rBV3	82527	217683	4.29%	0.267%
78	20.033	2894	2898	2899	rBV2	57074	75512	1.49%	0.093%
79	20.080	2901	2906	2910	rVB3	251707	400015	7.88%	0.491%
80	20.168	2918	2921	2925	rBV	80178	98114	1.93%	0.120%
81	20.227	2925	2931	2935	rVV2	113915	208970	4.12%	0.256%
82	20.268	2935	2938	2941	rVB	53029	62321	1.23%	0.076%
83	20.368	2952	2955	2959	rBV	48037	64276	1.27%	0.079%
84	20.580	2988	2991	2994	rVB	89834	92402	1.82%	0.113%
85	20.821	3028	3032	3037	rBV	128746	179630	3.54%	0.220%
86	20.986	3057	3060	3063	rVB	76113	87511	1.72%	0.107%
87	21.044	3063	3070	3078	rVV2	1358596	1829781	36.04%	2.246%
88	21.115	3079	3082	3089	rVB	138776	194688	3.83%	0.239%
89	21.339	3113	3120	3124	rBV2	2878201	4405449	86.77%	5.407%
90	21.374	3124	3126	3133	rVB	660506	737071	14.52%	0.905%
91	21.480	3141	3144	3152	rBV3	203073	254913	5.02%	0.313%
92	21.921	3215	3219	3222	rBV	631469	679043	13.37%	0.833%
93	22.386	3295	3298	3303	rBV	295492	357721	7.05%	0.439%
94	22.627	3334	3339	3345	rBV	895677	1293477	25.48%	1.588%
95	22.903	3381	3386	3388	rBV	646652	1025300	20.19%	1.258%
96	22.956	3390	3395	3406	rVB	2267967	4633823	91.27%	5.687%
97	23.409	3469	3472	3476	rBV	187884	305819	6.02%	0.375%
98	23.468	3476	3482	3487	rBV	2044382	3677667	72.43%	4.514%
99	23.609	3500	3506	3513	rBV	1648360	3024595	59.57%	3.712%
100	24.127	3589	3594	3603	rVB	780403	1462821	28.81%	1.795%

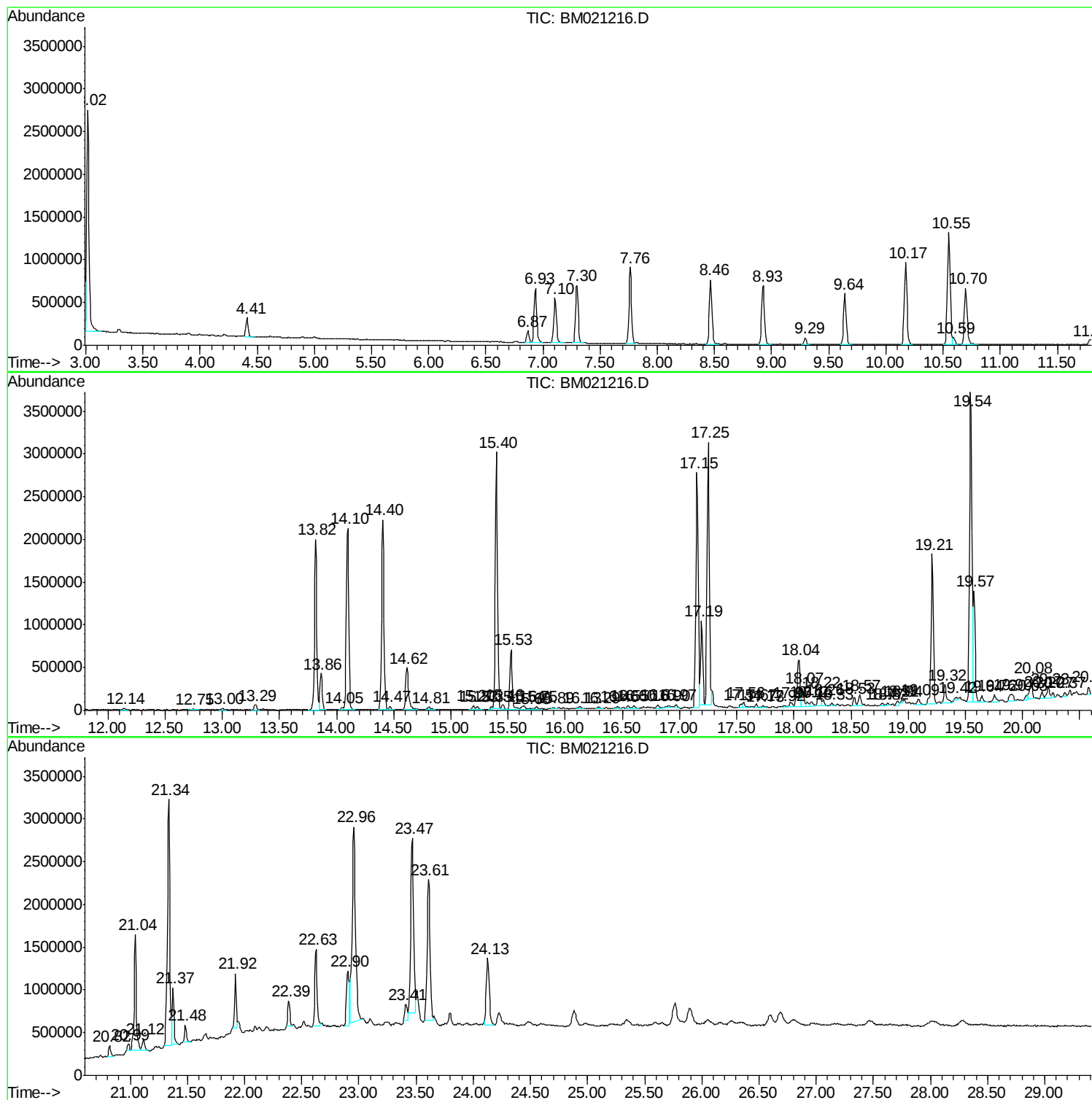
Sum of corrected areas: 81476876

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BNA_M
ClientSampled :
C5AD2

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



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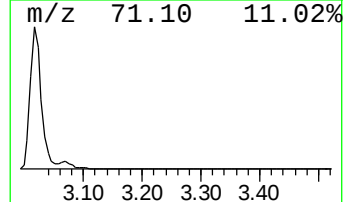
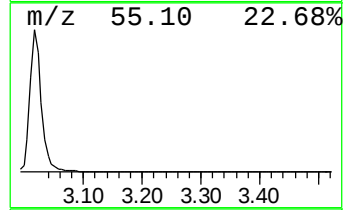
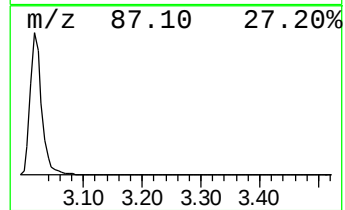
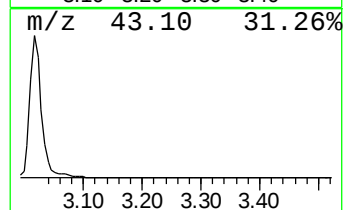
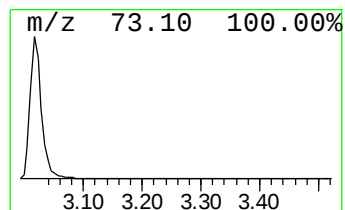
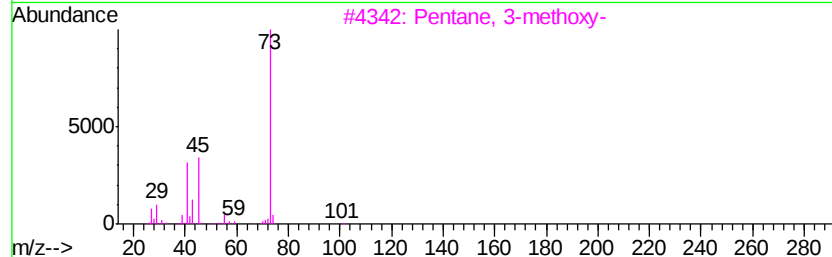
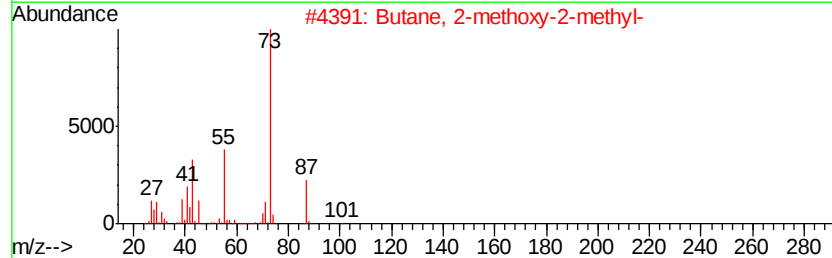
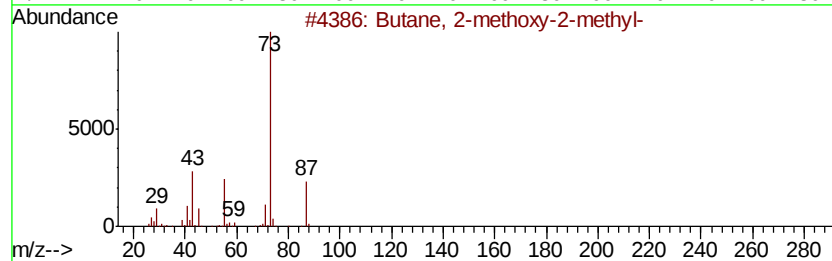
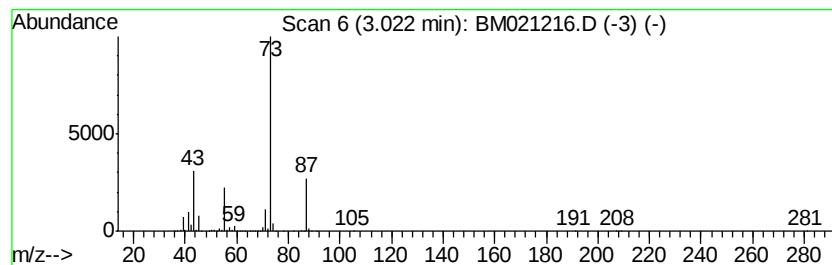
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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.
3.02	47.16 ng/ul	3280190	1,4-Dichlorobenzene-d4	7.76

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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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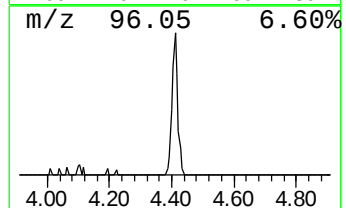
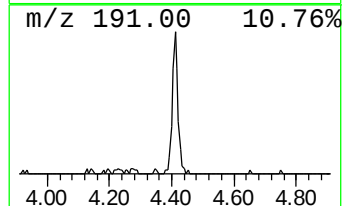
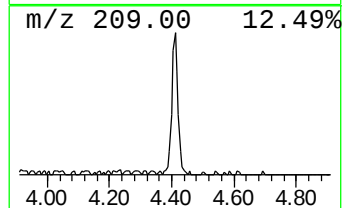
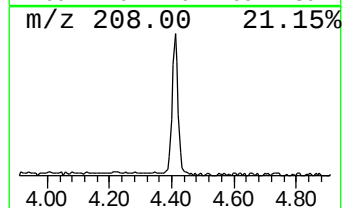
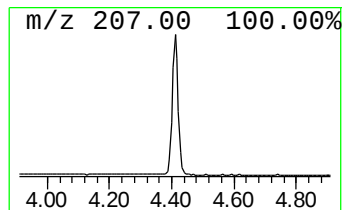
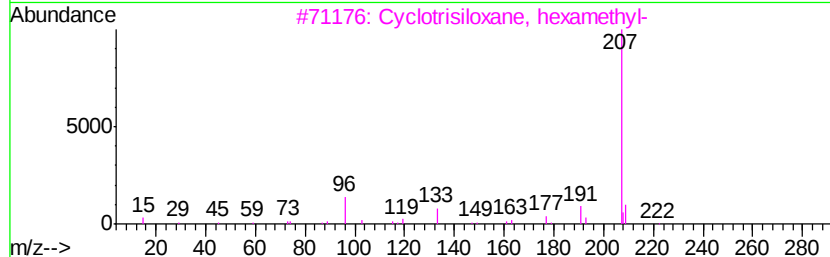
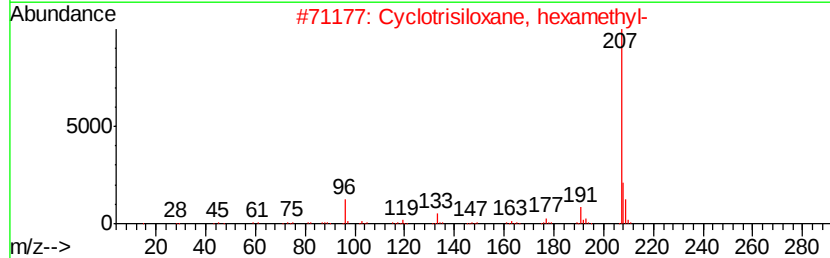
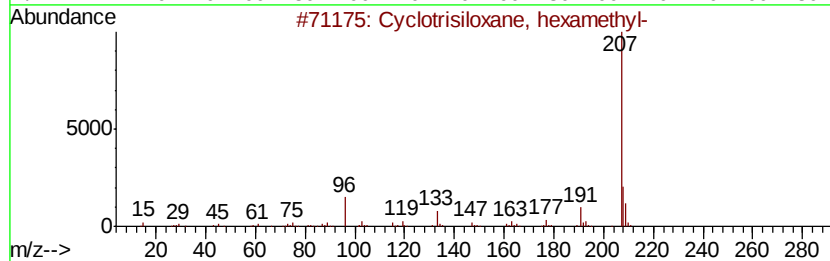
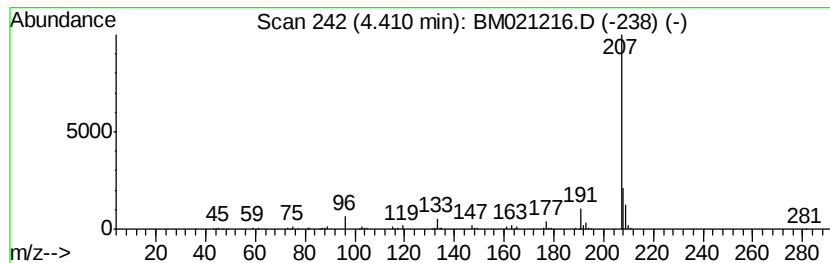
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	4.35 ng/ul	302731	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4		2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22OSi2	1000161-21-8	64
5		1,3-Bis(trimethylsilyl)benzene	222	C12H22Si2	002060-89-1	43



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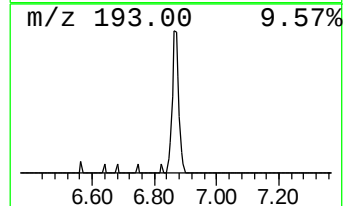
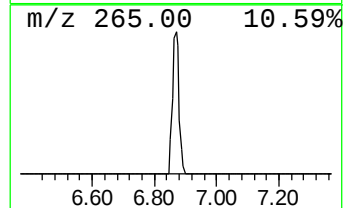
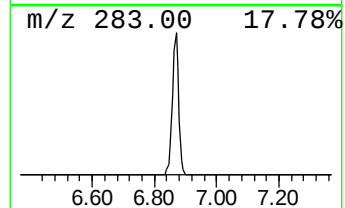
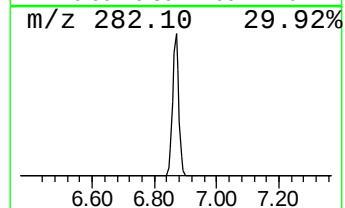
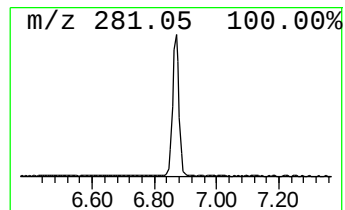
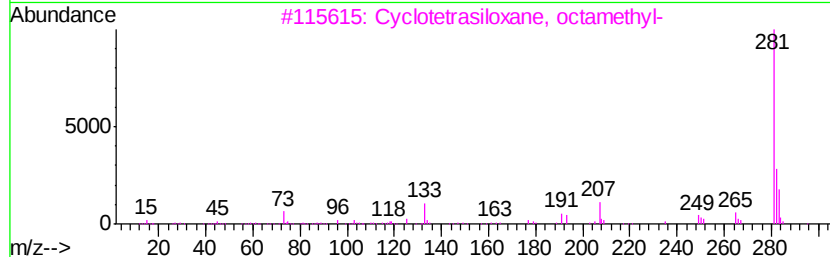
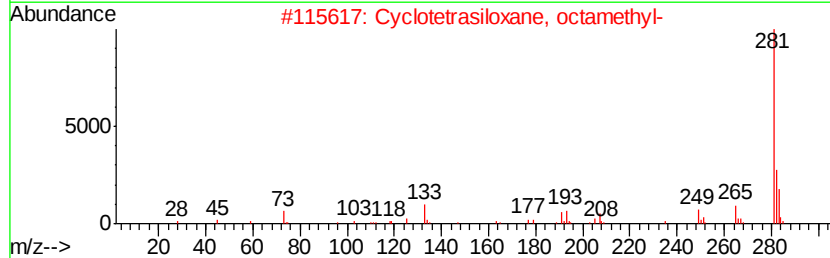
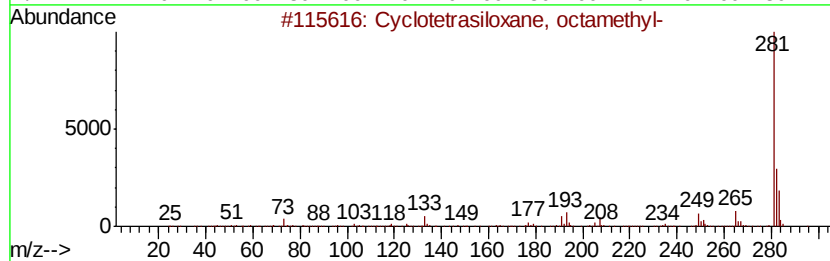
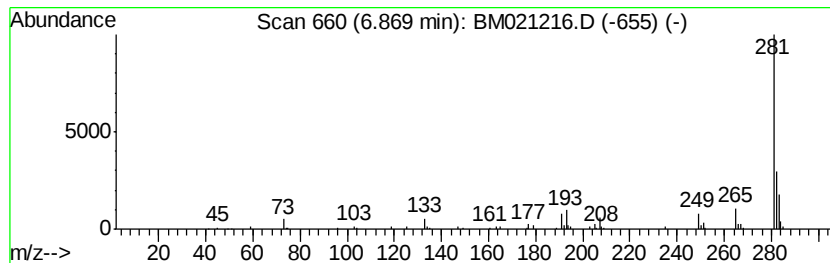
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.67 ng/ul	185860	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
4		7H-Dibenzo[b, a]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50
5		trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	40



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Data File : BM021216.D
Acq On : 27 Jun 2019 14:44
Operator : HP/JU
Sample : K3502-06
Misc :
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ClientSampleId :
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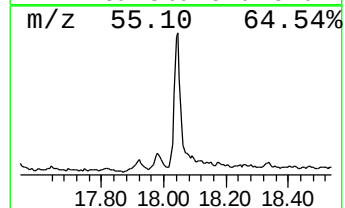
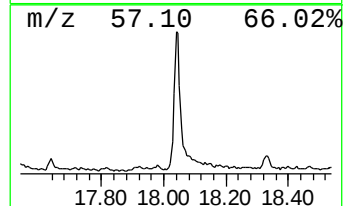
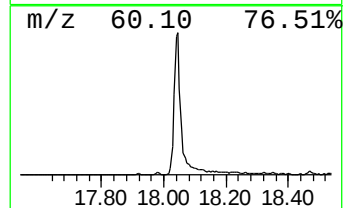
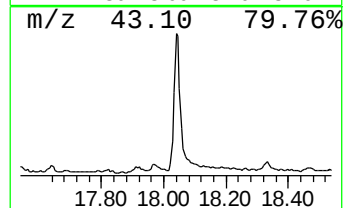
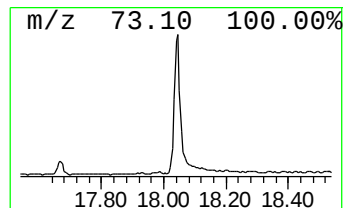
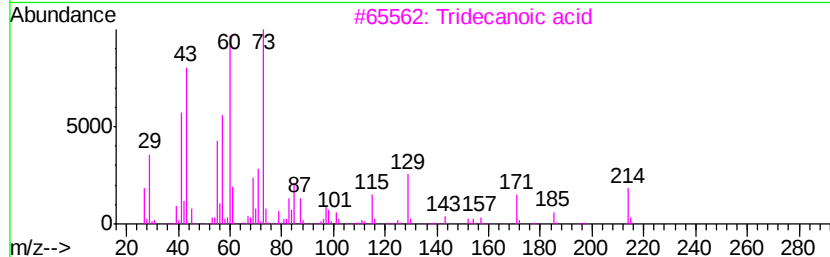
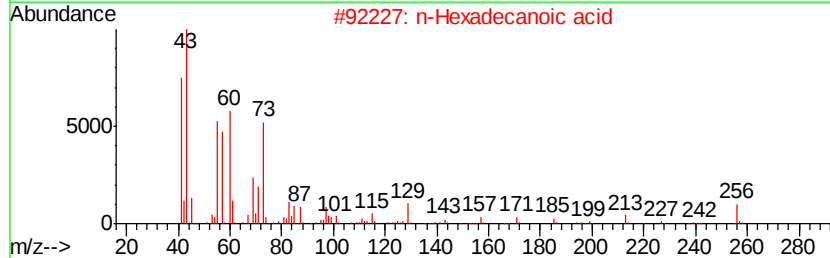
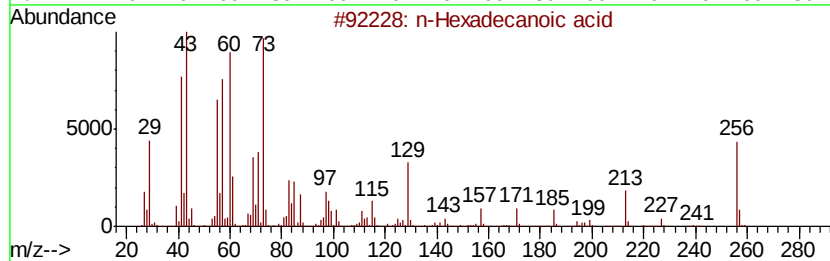
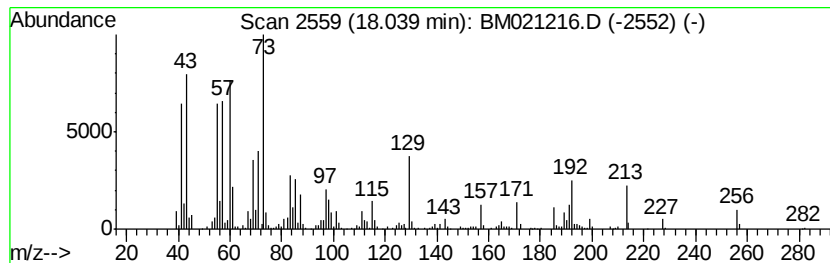
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.75 ng/ul	931568	Phenanthrene-d10	17.15

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	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021216.D
Acq On : 27 Jun 2019 14:44
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Sample : K3502-06
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ClientSampleId :
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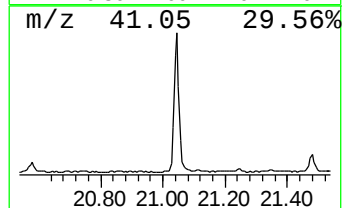
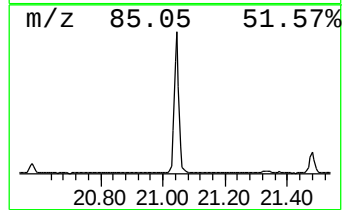
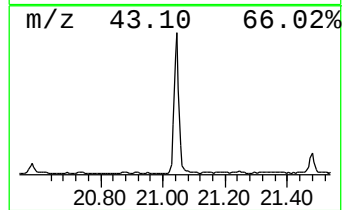
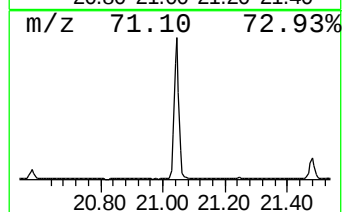
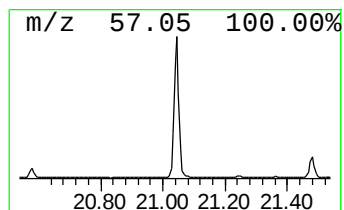
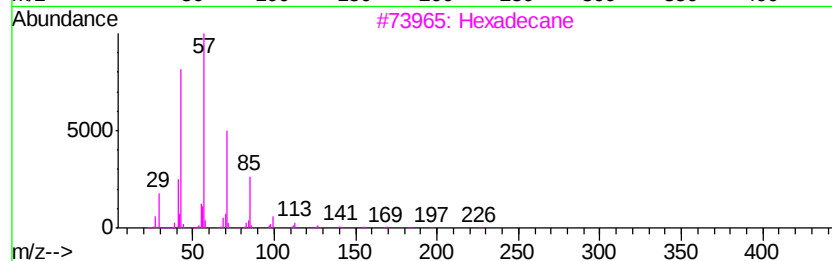
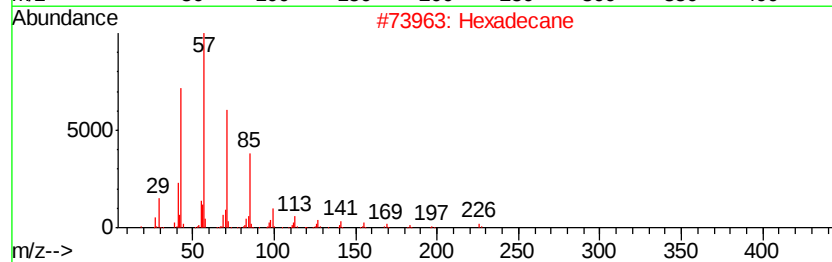
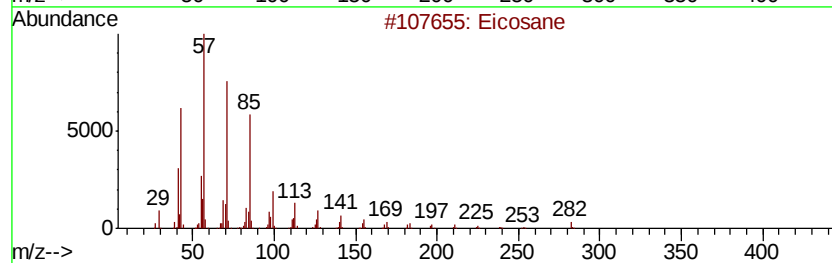
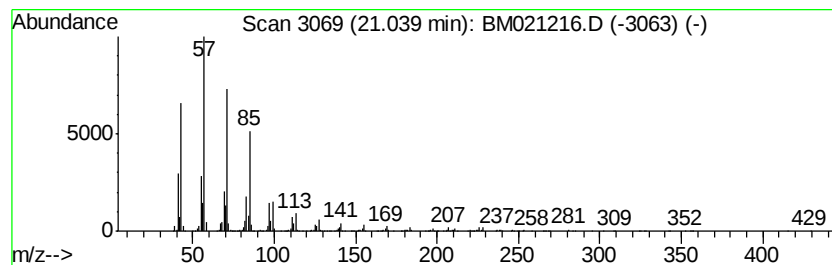
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	8.31 ng/ul	1829780	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	96
3		Hexadecane	226	C16H34	000544-76-3	95
4		Hexadecane	226	C16H34	000544-76-3	95
5		Eicosane	282	C20H42	000112-95-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021216.D
Acq On : 27 Jun 2019 14:44
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Sample : K3502-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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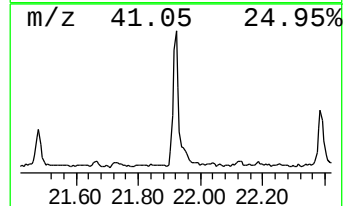
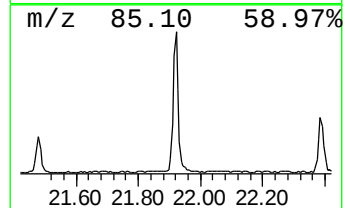
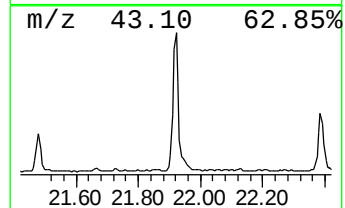
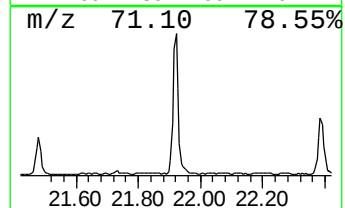
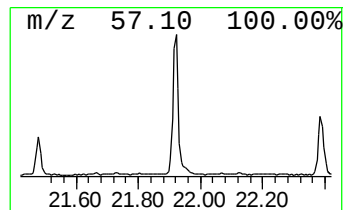
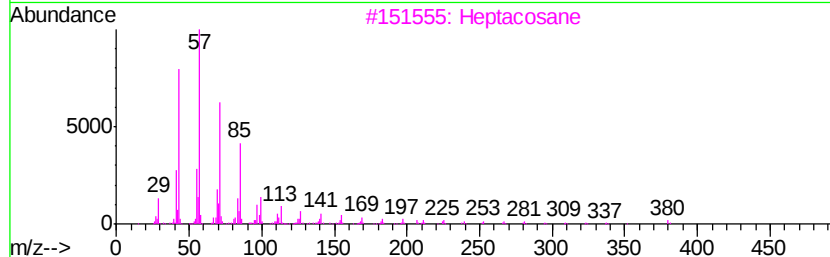
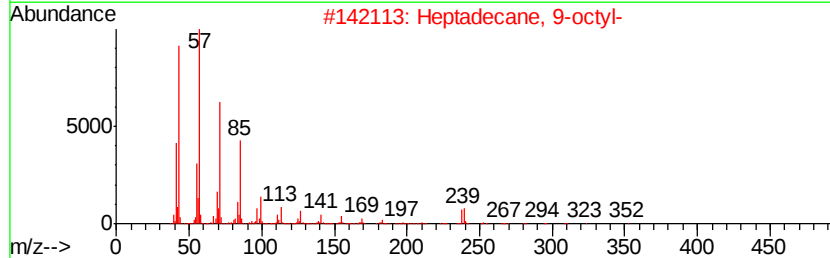
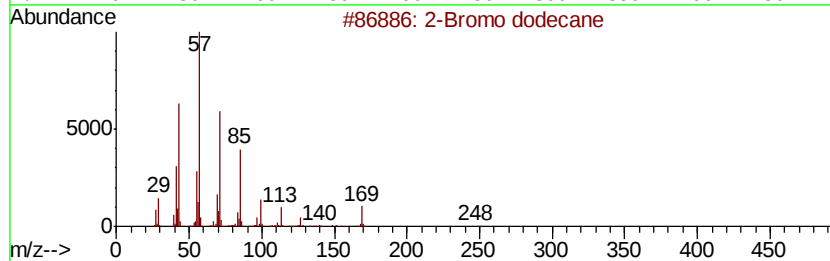
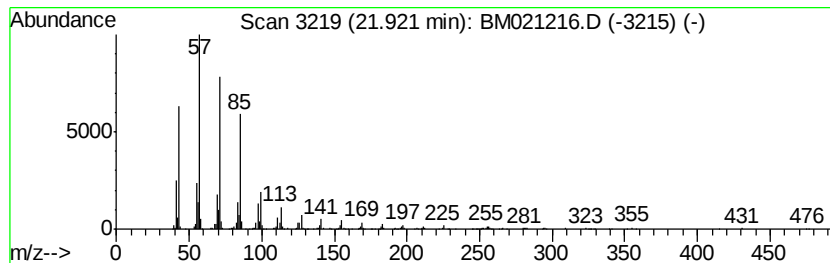
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.08 ng/ul	679043	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
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Sample : K3502-06
Misc :
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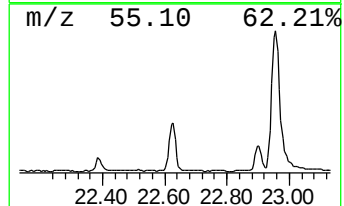
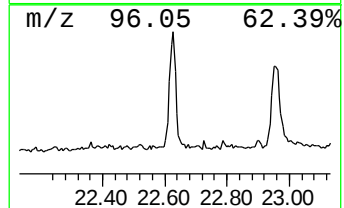
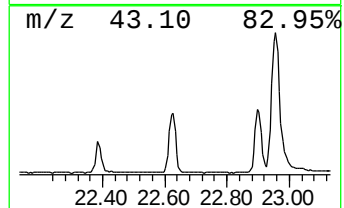
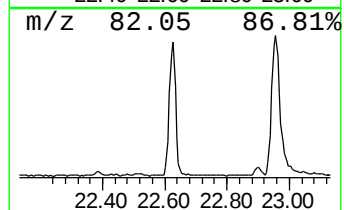
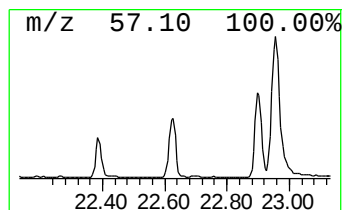
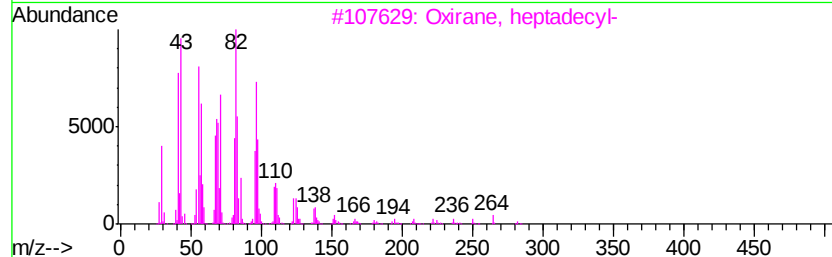
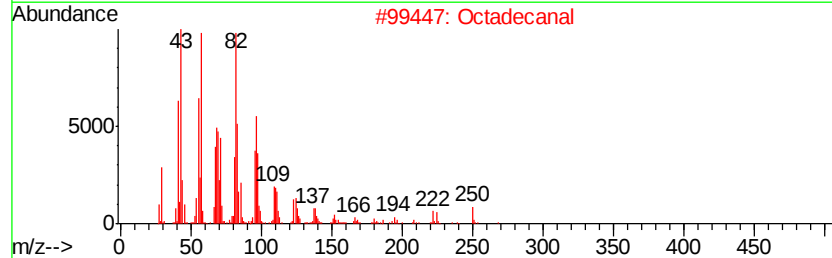
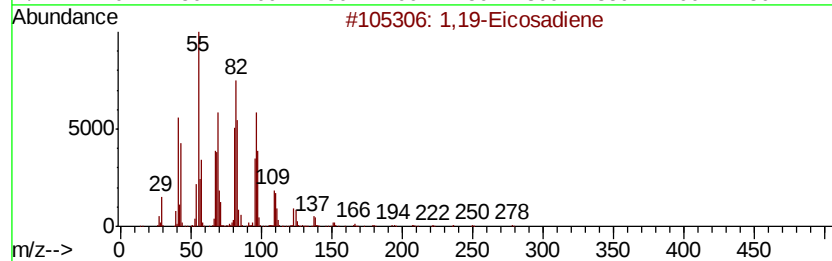
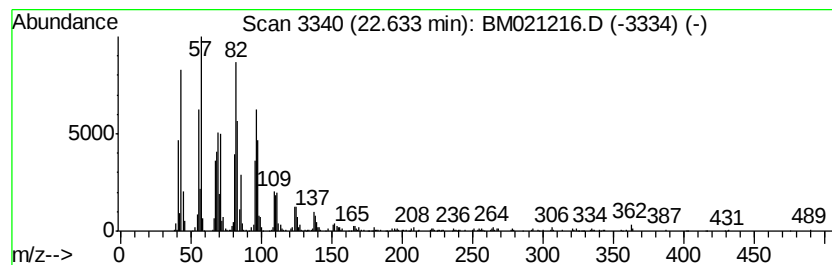
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.63	8.55 ng/ul	1293480	Perylene-d12	23.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
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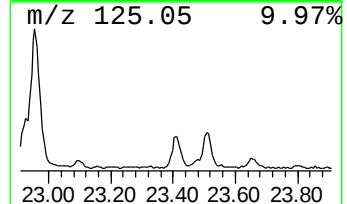
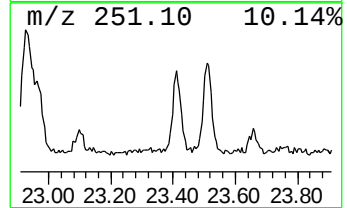
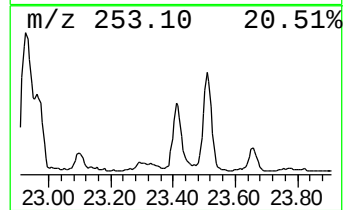
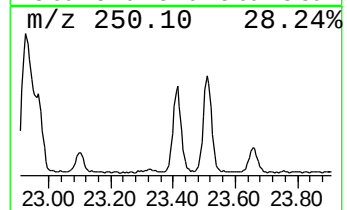
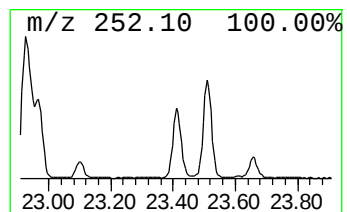
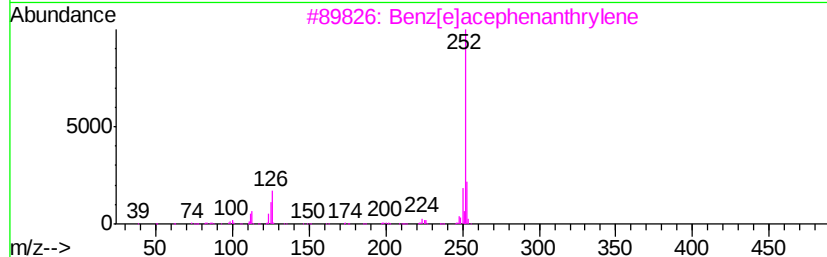
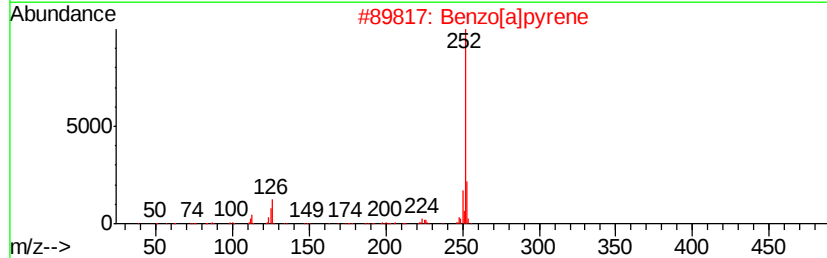
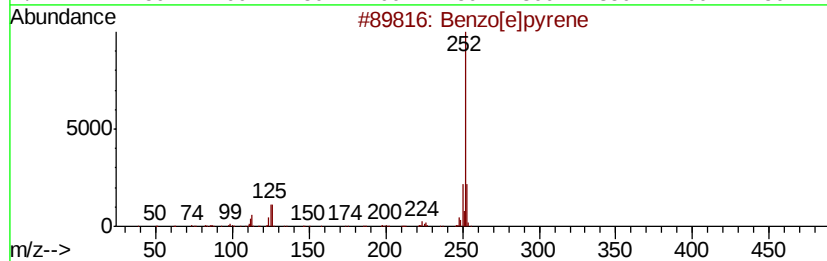
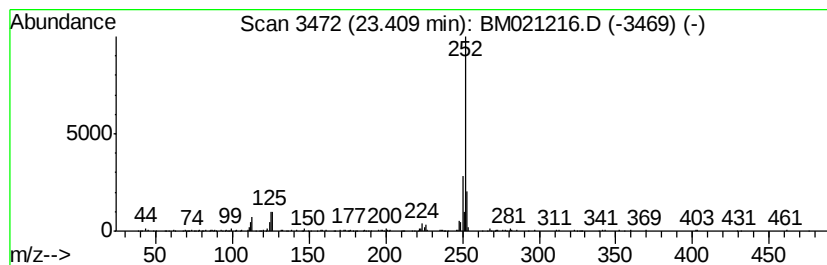
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.41	2.02 ng/ul	305819	Perylene-d12	23.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
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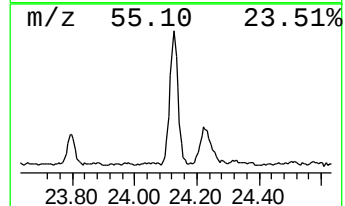
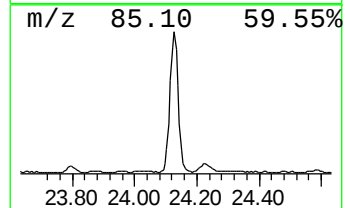
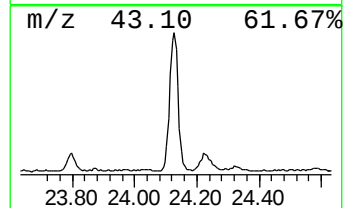
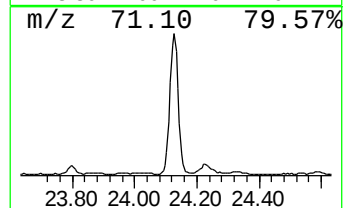
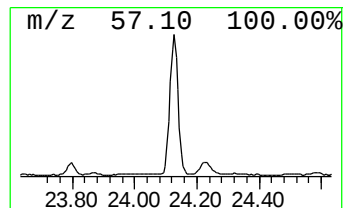
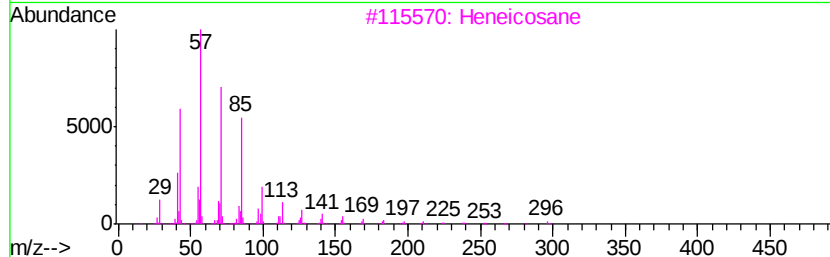
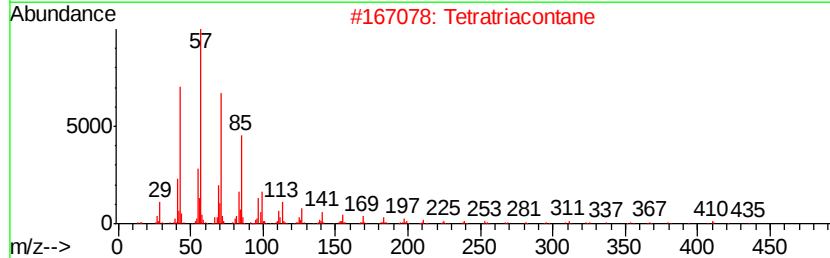
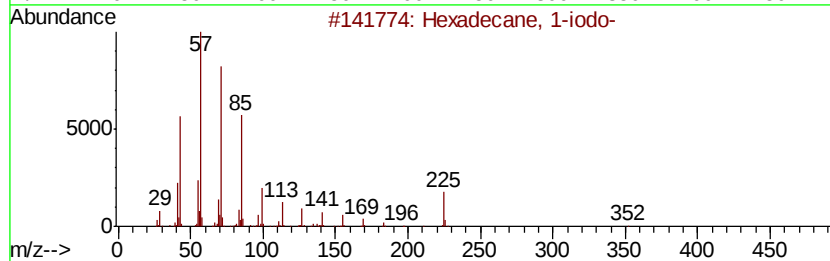
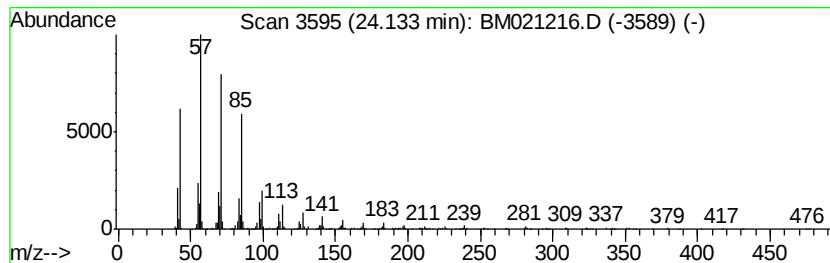
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	9.67 ng/ul	1462820	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	95
2	Tetratriacontane	479 C34H70	014167-59-0	94
3	Heneicosane	296 C21H44	000629-94-7	91
4	Eicosane	282 C20H42	000112-95-8	91
5	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062719\
 Data File : BM021216.D
 Acq On : 27 Jun 2019 14:44
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 Sample : K3502-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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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Cyclotrisiloxane,...	4.41	4.3	ng/ul	302731	1	7.76	1391110	20.0
Cyclotetrasiloxan...	6.87	2.7	ng/ul	185860	1	7.76	1391110	20.0
n-Hexadecanoic acid	18.04	4.8	ng/ul	931568	4	17.15	3924150	20.0
(DEL) Alkane: Str...	21.04	8.3	ng/ul	1829780	5	21.34	4405450	20.0
2-Bromo dodecane	21.92	3.1	ng/ul	679043	5	21.34	4405450	20.0
1,19-Eicosadiene	22.63	8.6	ng/ul	1293480	6	23.61	3024600	20.0
Benzo[e]pyrene	23.41	2.0	ng/ul	305819	6	23.61	3024600	20.0
Hexadecane, 1-iodo-	24.13	9.7	ng/ul	1462820	6	23.61	3024600	20.0