

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042045.D
 Acq On : 8 Aug 2019 00:00
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENX6

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_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	33	rVB	1589702	2542337	100.00%	9.094%
2	3.411	51	55	62	rVB2	10816	18485	0.73%	0.066%
3	3.939	143	145	149	rVV2	3567	4011	0.16%	0.014%
4	4.075	163	168	176	rVB	11588	20186	0.79%	0.072%
5	4.175	181	185	190	rVB5	3106	4716	0.19%	0.017%
6	7.177	688	696	708	rBV	167637	324659	12.77%	1.161%
7	7.341	717	724	739	rBV	143104	252892	9.95%	0.905%
8	7.553	753	760	773	rVB	200505	352976	13.88%	1.263%
9	8.023	834	840	851	rBV	222283	395704	15.56%	1.416%
10	8.734	952	961	972	rBV	197951	377408	14.84%	1.350%
11	9.192	1027	1039	1050	rBV	187301	347381	13.66%	1.243%
12	9.645	1111	1116	1119	rBV3	3177	4499	0.18%	0.016%
13	9.921	1155	1163	1173	rBV2	161964	301079	11.84%	1.077%
14	10.467	1248	1256	1275	rBV	251375	484373	19.05%	1.733%
15	10.849	1314	1321	1335	rBV	324572	592370	23.30%	2.119%
16	10.978	1335	1343	1361	rBV	203384	412152	16.21%	1.474%
17	12.447	1588	1593	1602	rBV2	3964	6976	0.27%	0.025%
18	14.010	1852	1859	1863	rBV3	3820	5908	0.23%	0.021%
19	14.086	1863	1872	1876	rVV	528212	802319	31.56%	2.870%
20	14.133	1876	1880	1890	rVV	266081	391154	15.39%	1.399%
21	14.222	1890	1895	1903	rVB3	24622	36585	1.44%	0.131%
22	14.380	1911	1922	1937	rBV	633050	1002068	39.42%	3.585%
23	14.686	1966	1974	1982	rBV	565970	907089	35.68%	3.245%
24	14.750	1982	1985	1989	rVB	7579	10371	0.41%	0.037%
25	14.874	1999	2006	2023	rBV	84462	188062	7.40%	0.673%
26	15.097	2038	2044	2050	rVV4	23179	36609	1.44%	0.131%
27	15.479	2104	2109	2115	rVV4	3007	6815	0.27%	0.024%
28	15.538	2117	2119	2127	rVB4	3098	4872	0.19%	0.017%
29	15.679	2135	2143	2150	rBV	834949	1287574	50.65%	4.606%
30	15.732	2150	2152	2157	rVB2	9379	12400	0.49%	0.044%
31	15.796	2157	2163	2172	rBV	127072	220374	8.67%	0.788%
32	15.855	2172	2173	2177	rVB3	3736	3812	0.15%	0.014%
33	15.920	2180	2184	2188	rVB2	7220	10093	0.40%	0.036%
34	16.190	2224	2230	2232	rBV4	2552	4748	0.19%	0.017%

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35	16.407	2262	2267	2274	rBV7	10127	16528	0.65%	0.059%
36	16.460	2274	2276	2283	rVB3	3709	5444	0.21%	0.019%
37	16.525	2283	2287	2291	rBV5	5633	7741	0.30%	0.028%
38	16.913	2349	2353	2356	rVB5	3227	4918	0.19%	0.018%
39	17.007	2365	2369	2373	rVB6	4653	6455	0.25%	0.023%
40	17.095	2378	2384	2392	rBV5	4878	10998	0.43%	0.039%
41	17.259	2408	2412	2419	rVB2	7882	13735	0.54%	0.049%
42	17.441	2436	2443	2447	rBV2	710126	1124594	44.23%	4.023%
43	17.477	2447	2449	2453	rVV	108608	150714	5.93%	0.539%
44	17.535	2453	2459	2470	rVV	854192	1404034	55.23%	5.023%
45	17.623	2471	2474	2479	rVB5	6227	8463	0.33%	0.030%
46	17.712	2485	2489	2494	rBV8	11012	17449	0.69%	0.062%
47	17.841	2501	2511	2515	rBV4	9250	18672	0.73%	0.067%
48	17.958	2529	2531	2538	rVV5	4684	5682	0.22%	0.020%
49	18.023	2538	2542	2546	rVV3	6195	9267	0.36%	0.033%
50	18.105	2550	2556	2559	rVB5	7306	14248	0.56%	0.051%
51	18.170	2563	2567	2571	rBV6	8298	12138	0.48%	0.043%
52	18.229	2573	2577	2582	rVB6	4859	9870	0.39%	0.035%
53	18.329	2588	2594	2597	rBV2	42999	84211	3.31%	0.301%
54	18.364	2597	2600	2610	rVV2	43081	85665	3.37%	0.306%
55	18.446	2610	2614	2619	rVV3	12704	20506	0.81%	0.073%
56	18.511	2619	2625	2629	rVV3	33915	70875	2.79%	0.254%
57	18.546	2629	2631	2636	rVB2	21074	27578	1.08%	0.099%
58	18.658	2648	2650	2654	rVV5	5609	7478	0.29%	0.027%
59	18.710	2657	2659	2663	rVB4	5042	4592	0.18%	0.016%
60	18.810	2672	2676	2680	rBV2	17920	25684	1.01%	0.092%
61	18.851	2680	2683	2691	rVB7	14316	23635	0.93%	0.085%
62	19.057	2715	2718	2723	rVB4	11463	13184	0.52%	0.047%
63	19.110	2723	2727	2730	rBV5	9894	12175	0.48%	0.044%
64	19.145	2730	2733	2737	rVB6	8134	10643	0.42%	0.038%
65	19.227	2743	2747	2751	rBV	24393	36136	1.42%	0.129%
66	19.368	2767	2771	2778	rBV5	14214	31374	1.23%	0.112%
67	19.492	2786	2792	2797	rVB	219760	315829	12.42%	1.130%
68	19.551	2799	2802	2805	rVB5	7691	10636	0.42%	0.038%
69	19.586	2806	2808	2810	rBV3	6554	7294	0.29%	0.026%
70	19.827	2842	2849	2862	rBV2	1113475	1947412	76.60%	6.966%
71	19.933	2862	2867	2873	rVB4	18724	34777	1.37%	0.124%

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72	19.974	2873	2874	2876	rBV2	4392	3915	0.15%	0.014%
73	20.185	2904	2910	2915	rVB4	18854	43383	1.71%	0.155%
74	20.262	2921	2923	2926	rBV4	6736	7466	0.29%	0.027%
75	20.314	2927	2932	2933	rVV4	21127	30087	1.18%	0.108%
76	20.344	2933	2937	2945	rVB3	47684	89958	3.54%	0.322%
77	20.444	2950	2954	2958	rVV	33954	51532	2.03%	0.184%
78	20.502	2961	2964	2968	rVB2	32471	43462	1.71%	0.155%
79	20.643	2983	2988	2991	rBV2	30219	50534	1.99%	0.181%
80	20.685	2992	2995	2998	rVV2	21985	27933	1.10%	0.100%
81	20.861	3022	3025	3028	rVB2	23928	24403	0.96%	0.087%
82	21.102	3064	3066	3074	rVB2	20221	39614	1.56%	0.142%
83	21.366	3107	3111	3120	rVB4	118799	222729	8.76%	0.797%
84	21.719	3163	3171	3176	rBV3	815101	1531207	60.23%	5.477%
85	21.766	3176	3179	3185	rVB	113019	173287	6.82%	0.620%
86	21.930	3202	3207	3212	rVB2	113828	172505	6.79%	0.617%
87	22.289	3266	3268	3276	rVB9	28014	45546	1.79%	0.163%
88	22.400	3280	3287	3293	rBV9	22719	73157	2.88%	0.262%
89	22.547	3306	3312	3318	rBV2	212028	354763	13.95%	1.269%
90	23.258	3426	3433	3442	rVB	317527	632993	24.90%	2.264%
91	23.951	3544	3551	3558	rBV	65622	208383	8.20%	0.745%
92	24.081	3566	3573	3581	rVB	358630	790448	31.09%	2.828%
93	24.680	3669	3675	3680	rBV2	72890	182316	7.17%	0.652%
94	24.762	3680	3689	3698	rVV	524031	1465775	57.65%	5.243%
95	24.985	3717	3727	3734	rBV	492874	1415831	55.69%	5.065%
96	25.062	3734	3740	3757	rVB	340874	913568	35.93%	3.268%
97	26.219	3927	3937	3950	rVB	256740	832601	32.75%	2.978%
98	27.618	4163	4175	4191	rVB2	181038	678541	26.69%	2.427%
99	29.298	4451	4461	4477	rVB3	114375	512968	20.18%	1.835%
100	31.325	4794	4806	4820	rVB3	73760	352210	13.85%	1.260%

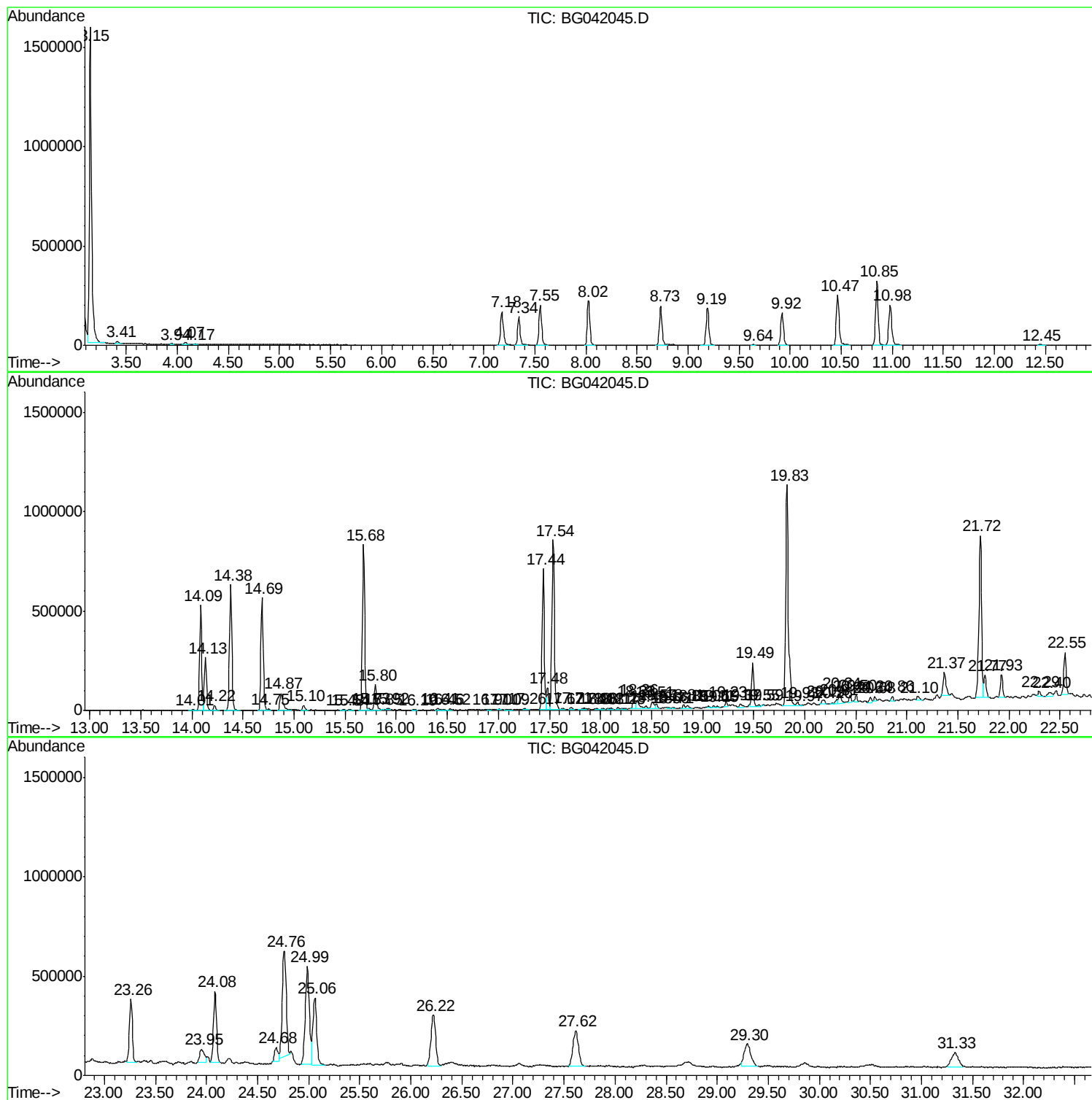
Sum of corrected areas: 27954806

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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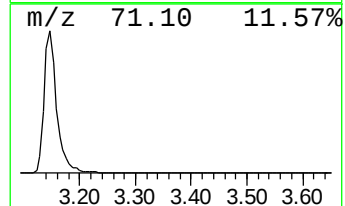
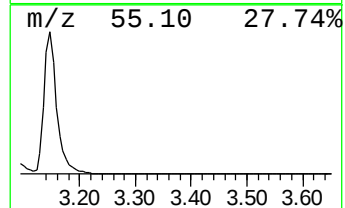
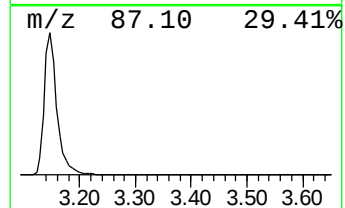
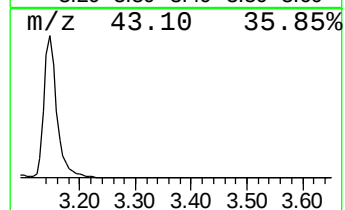
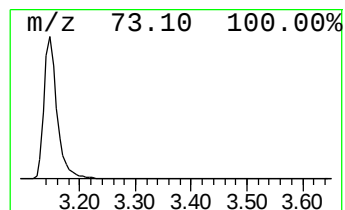
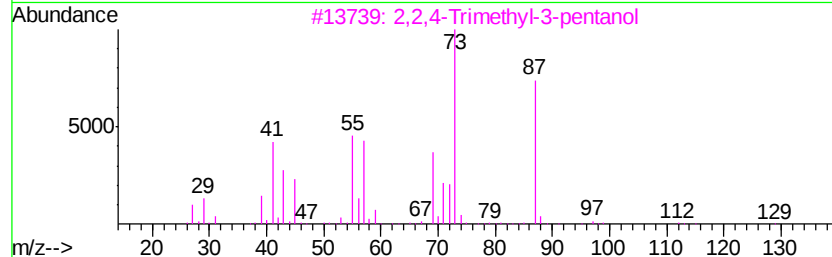
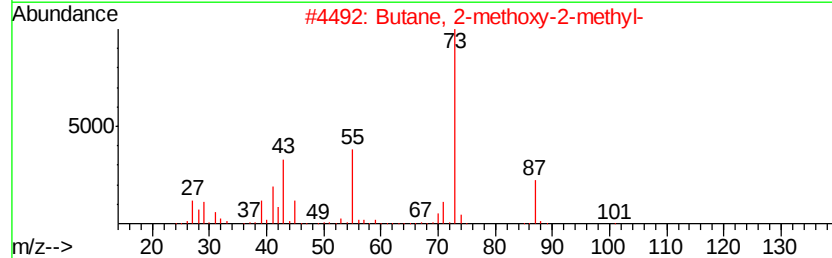
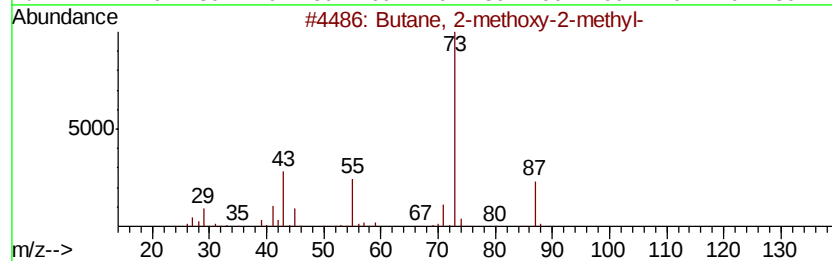
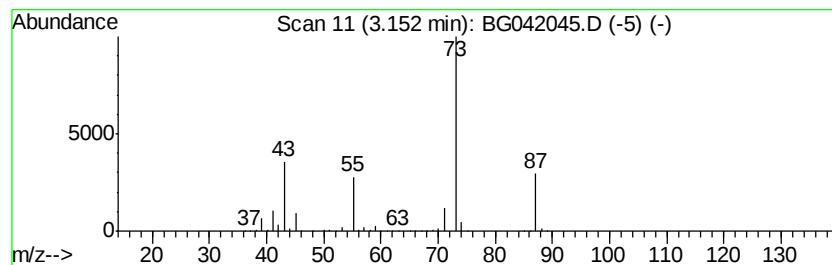
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
3.15	128.50 ng/ul	2542340	1,4-Dichlorobenzene-d4	8.02

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	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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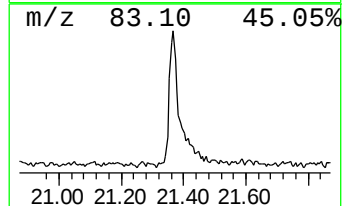
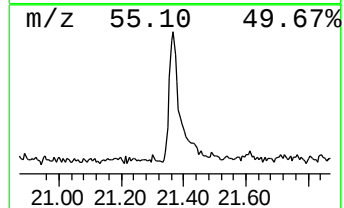
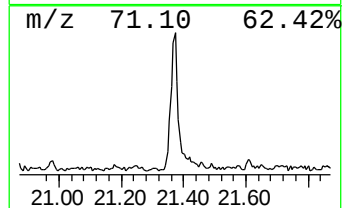
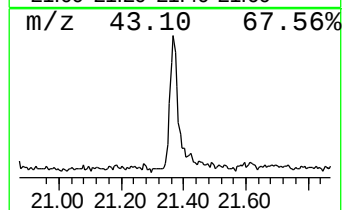
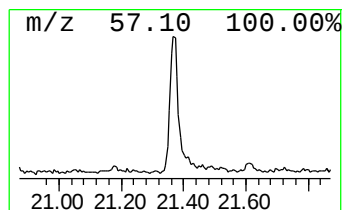
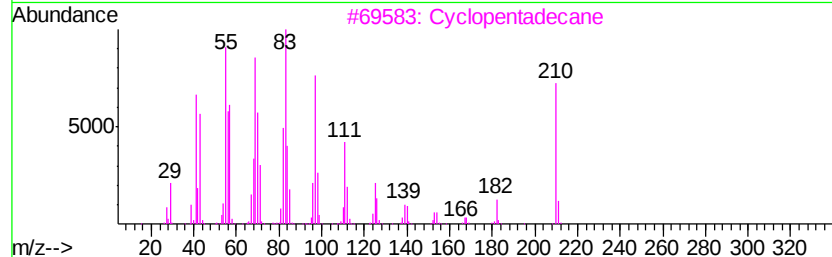
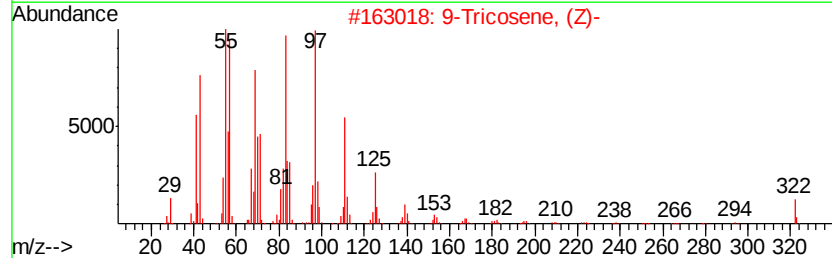
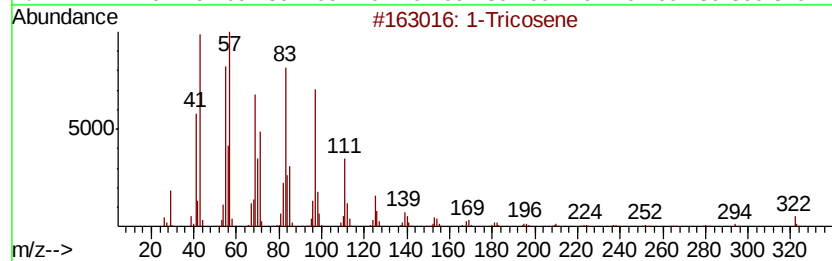
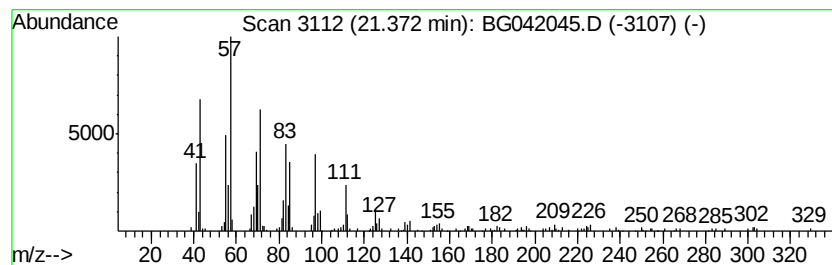
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.91 ng/ul	222729	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosene		322 C23H46	018835-32-0 96
2	9-Tricosene, (Z)-		322 C23H46	027519-02-4 94
3	Cyclopentadecane		210 C15H30	000295-48-7 90
4	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 90
5	Pentafluoropropionic acid, octad...		416 C21H37F5O2	959261-25-7 81



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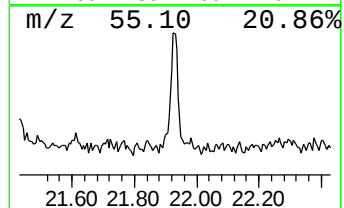
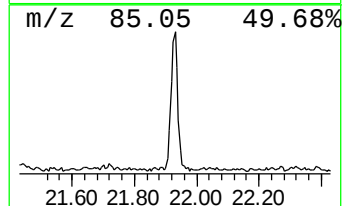
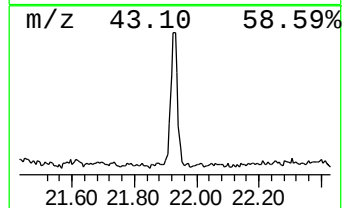
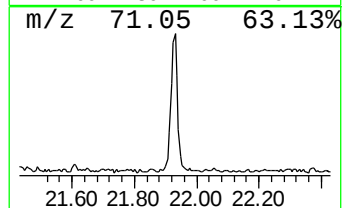
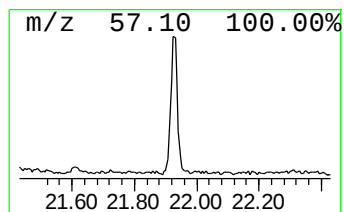
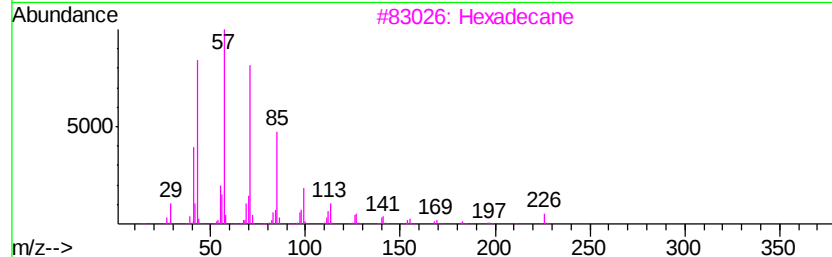
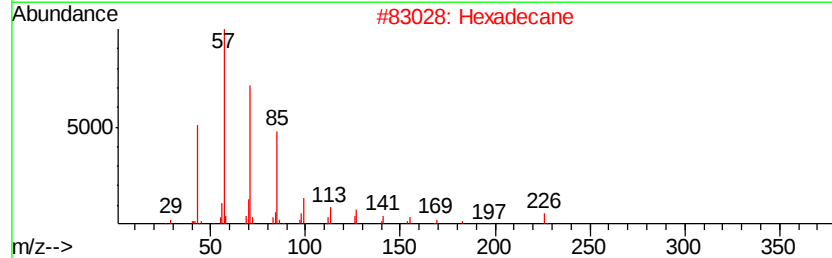
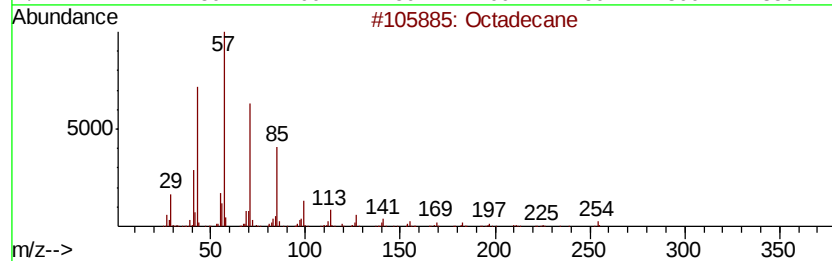
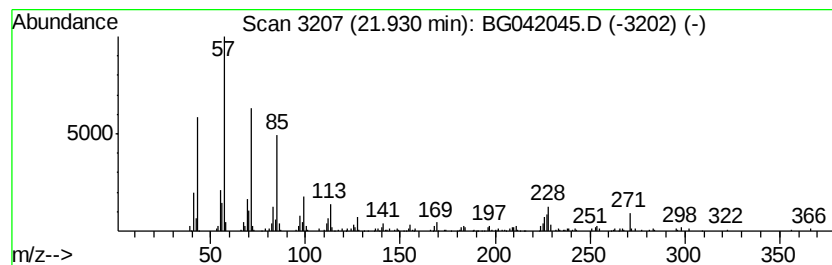
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.25 ng/ul	172505	Chrysene-d12	21.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heneicosane	296	C21H44	000629-94-7	81
5			Heptadecane	240	C17H36	000629-78-7	74



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Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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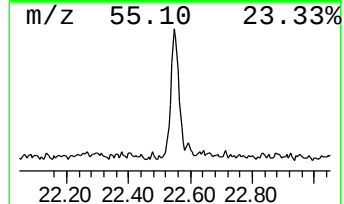
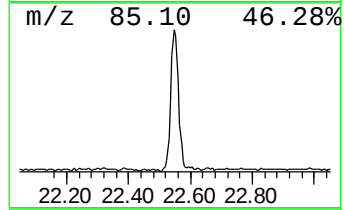
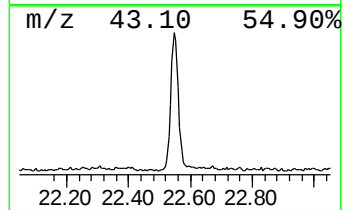
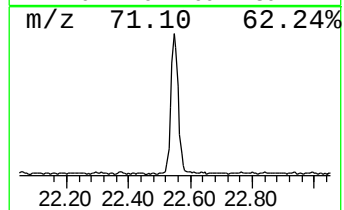
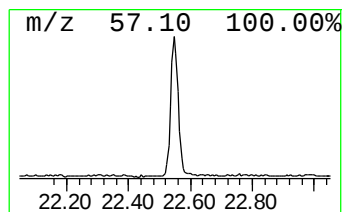
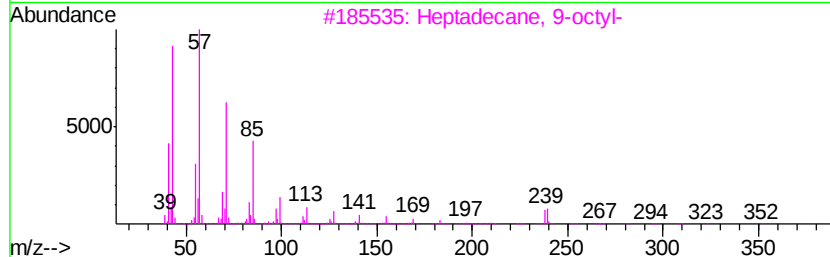
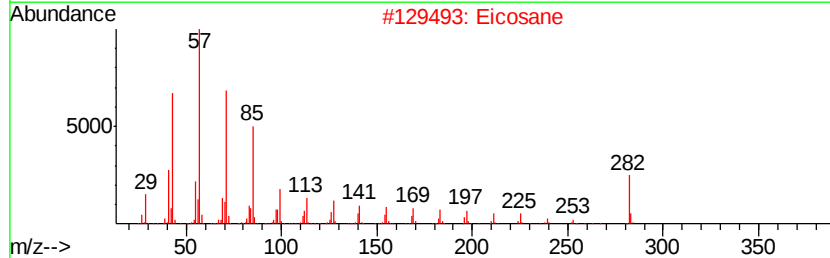
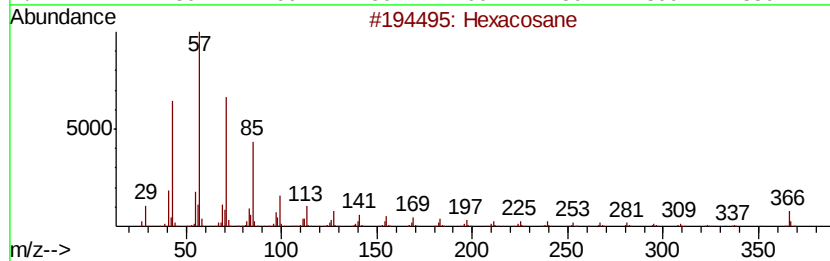
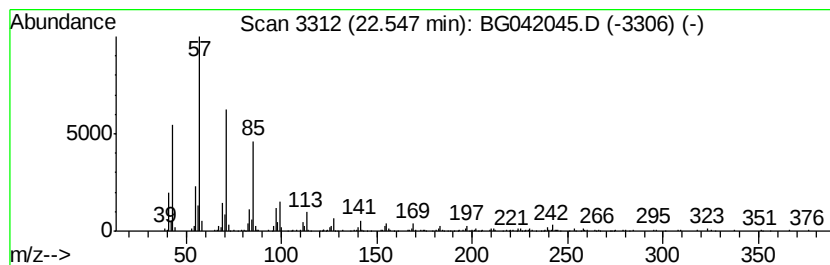
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	4.63 ng/ul	354763	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	98
2		Eicosane	282	C20H42	000112-95-8	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
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Instrument :
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ClientSampleId :
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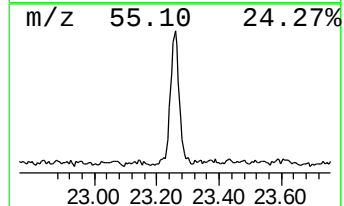
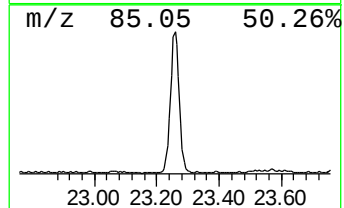
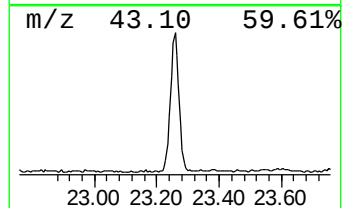
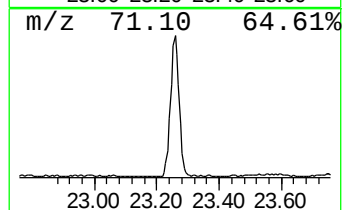
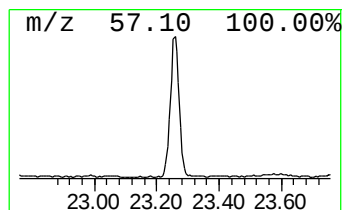
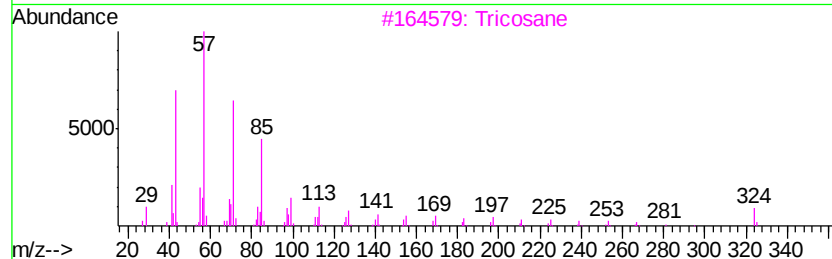
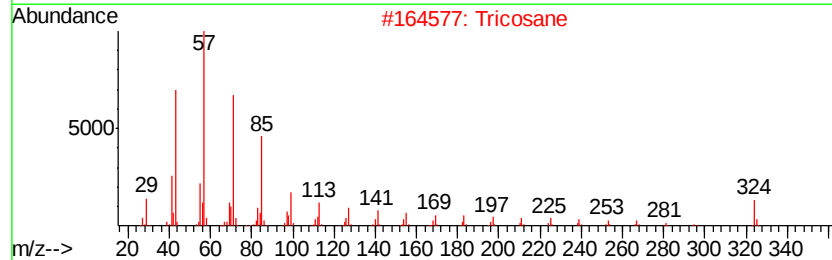
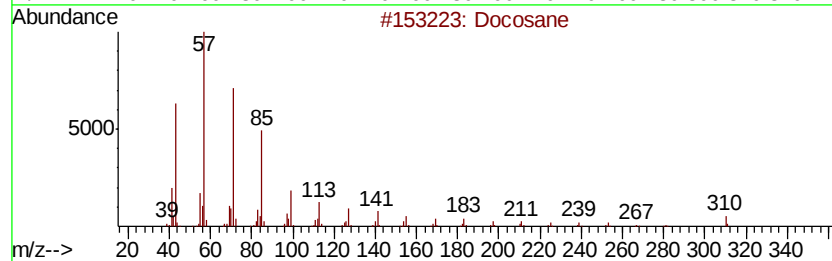
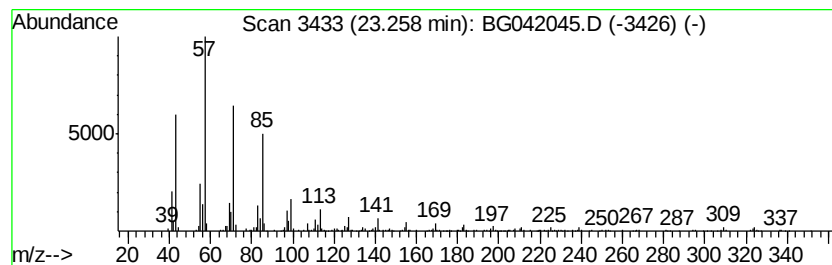
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.26	8.27 ng/ul	632993	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Tricosane	324	C23H48	000638-67-5	97
3	Tricosane	324	C23H48	000638-67-5	94
4	Hexacosane	366	C26H54	000630-01-3	93
5	Tricosane	324	C23H48	000638-67-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
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Sample : K4029-05
Misc :
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Instrument :
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ClientSampleId :
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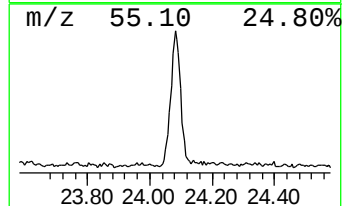
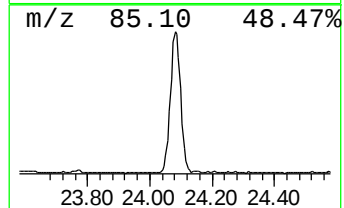
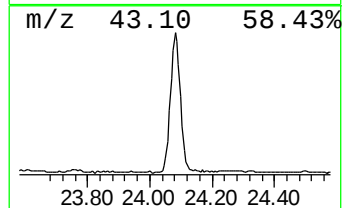
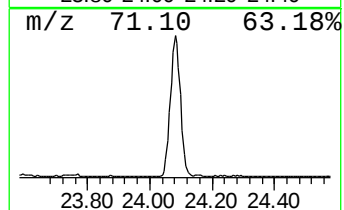
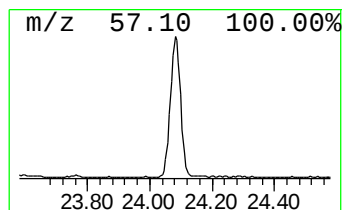
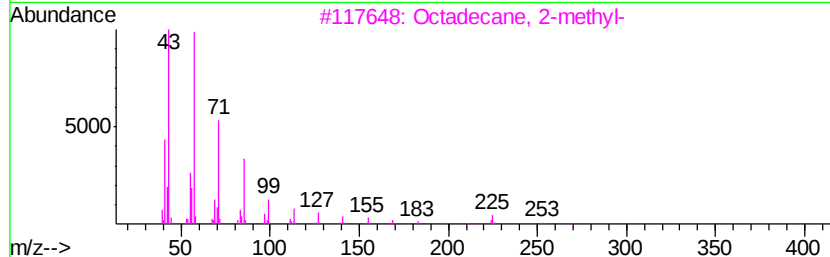
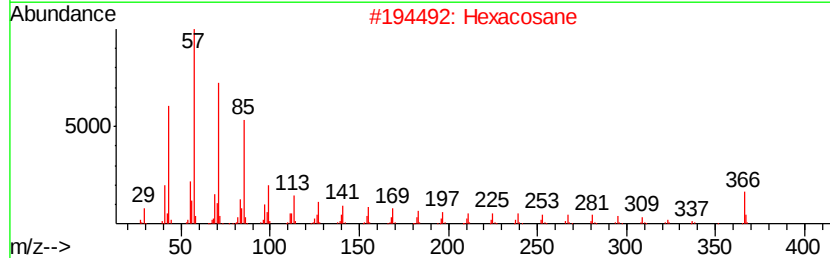
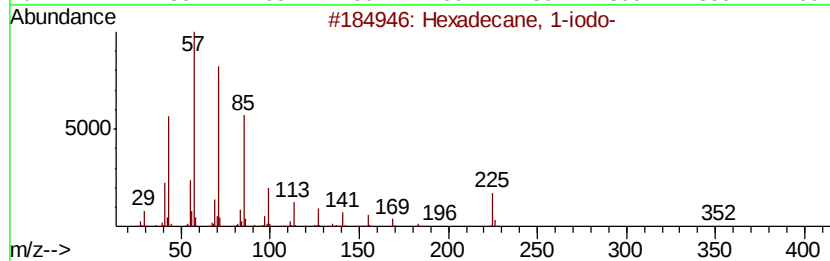
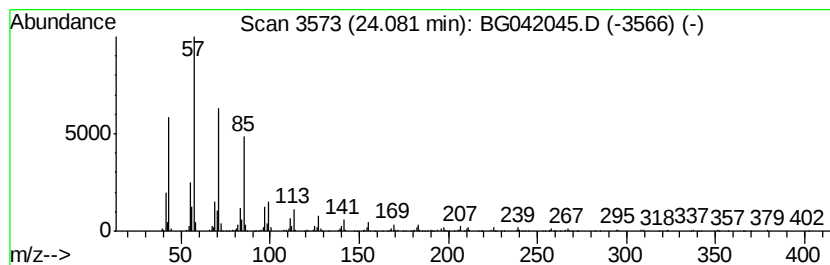
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	11.17 ng/ul	790448	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Hexacosane	366	C26H54	000630-01-3	93
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
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Sample : K4029-05
Misc :
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ClientSampleId :
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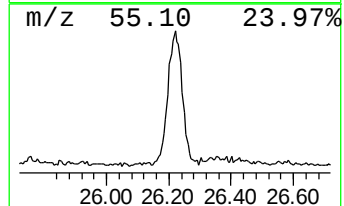
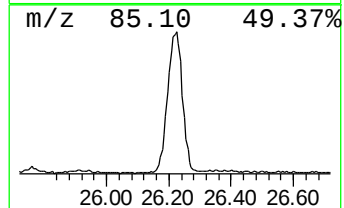
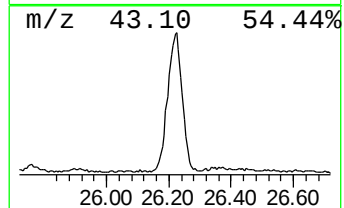
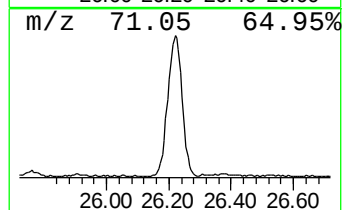
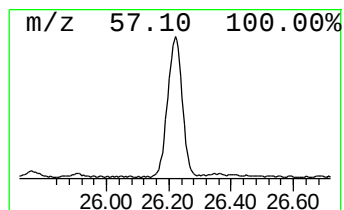
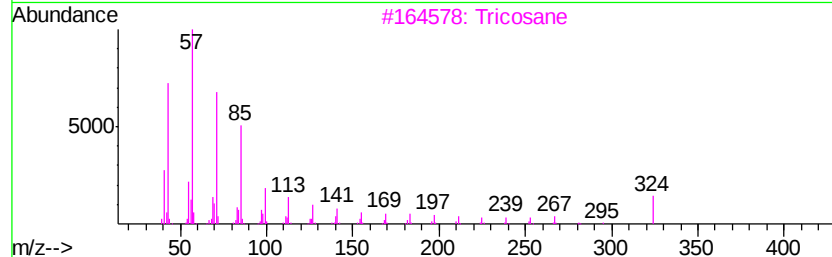
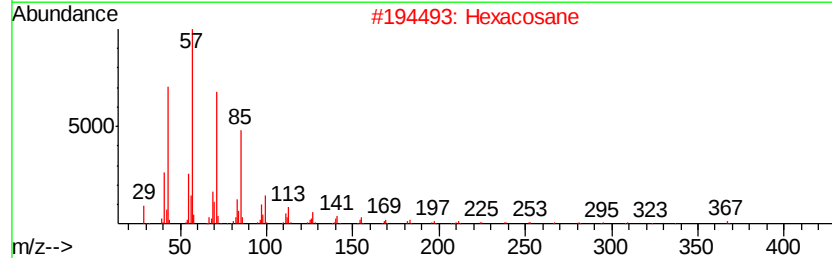
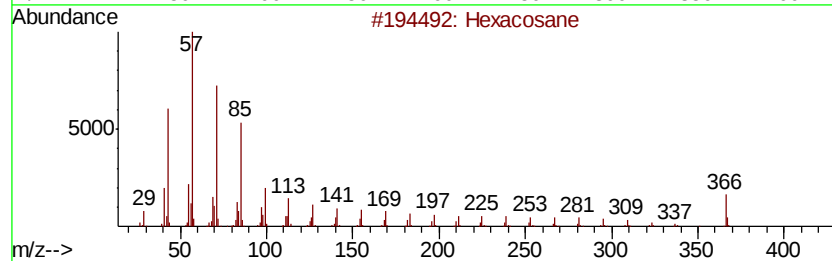
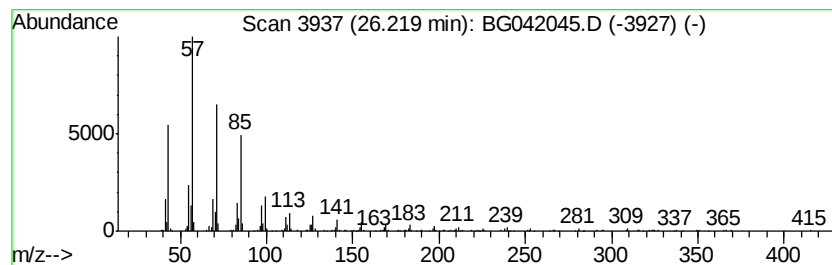
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	11.76 ng/ul	832601	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	95
2		Hexacosane	366	C26H54	000630-01-3	93
3		Tricosane	324	C23H48	000638-67-5	92
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
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Sample : K4029-05
Misc :
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Instrument :
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ClientSampleId :
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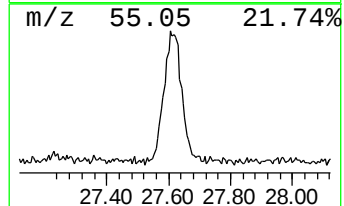
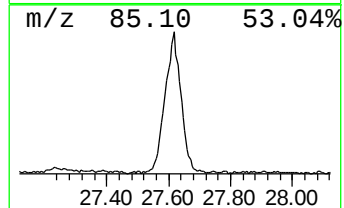
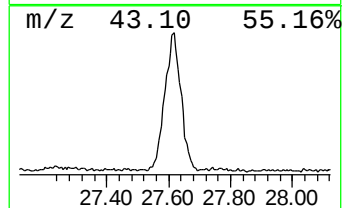
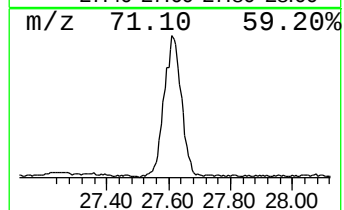
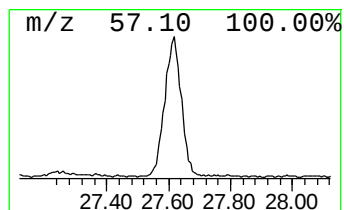
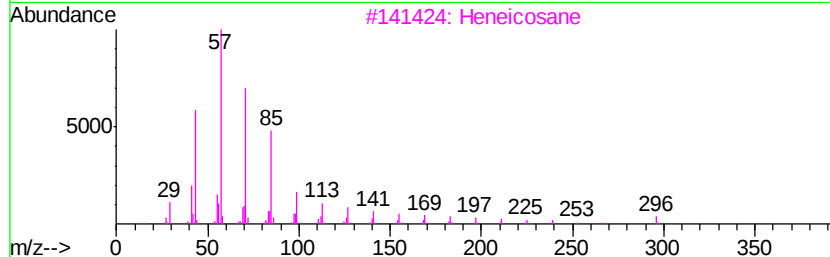
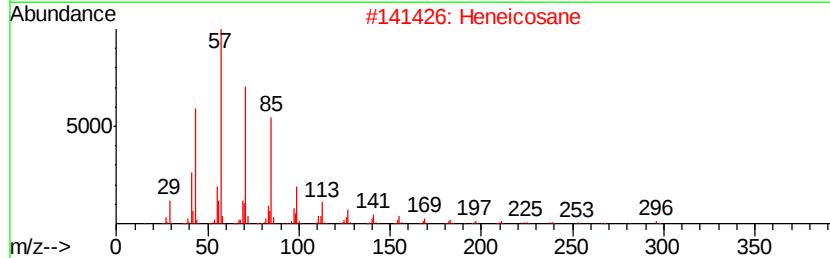
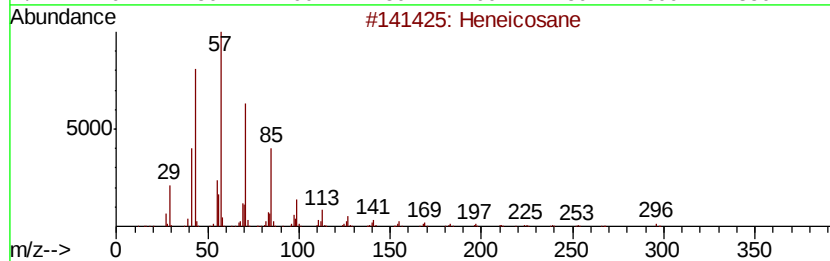
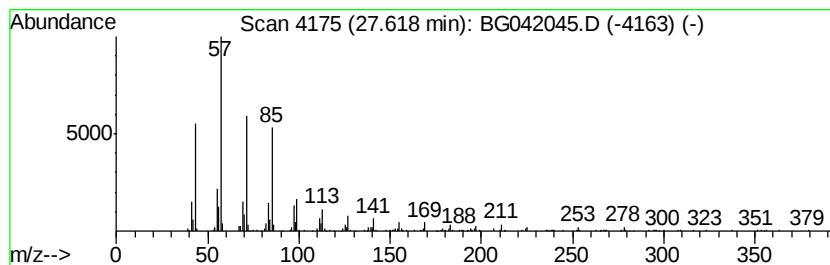
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.62	9.59 ng/ul	678541	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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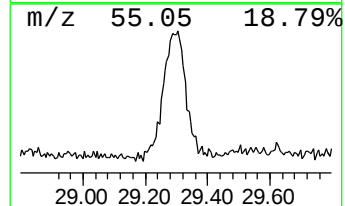
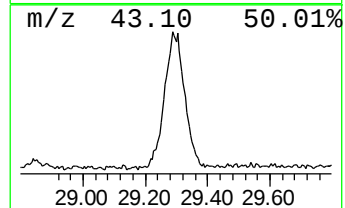
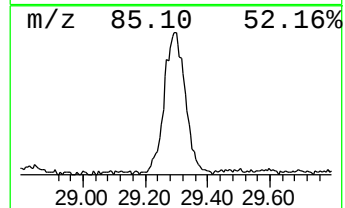
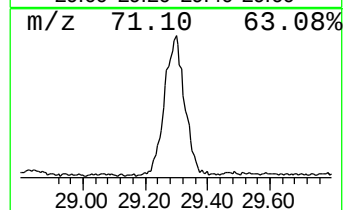
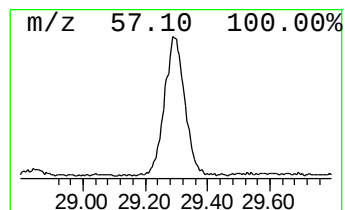
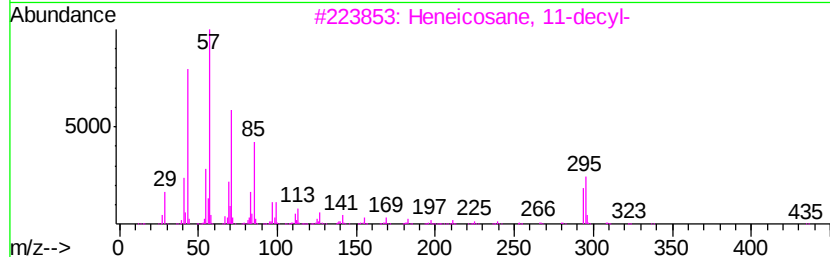
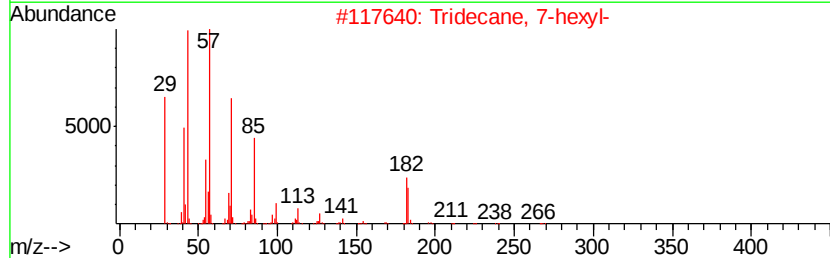
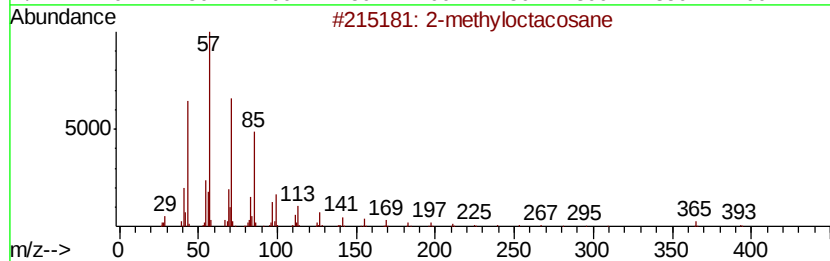
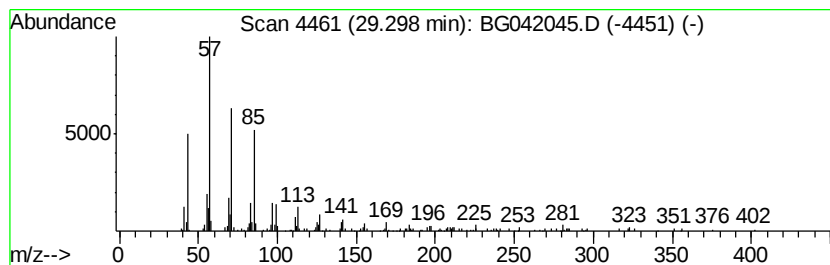
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.30	7.25 ng/ul	512968	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
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Sample : K4029-05
Misc :
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ClientSampleId :
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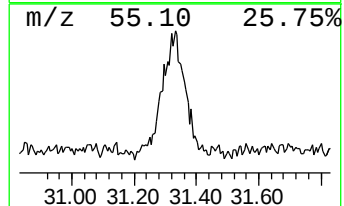
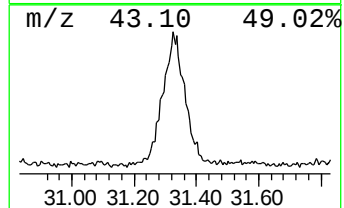
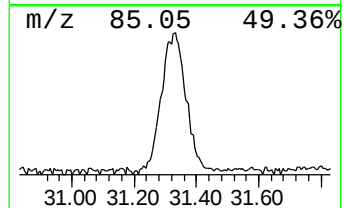
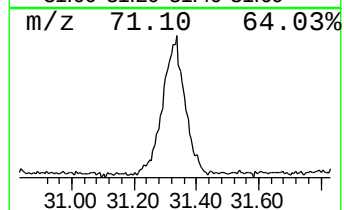
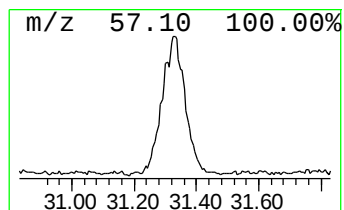
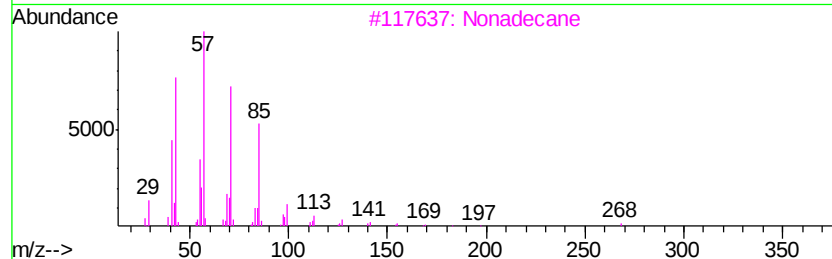
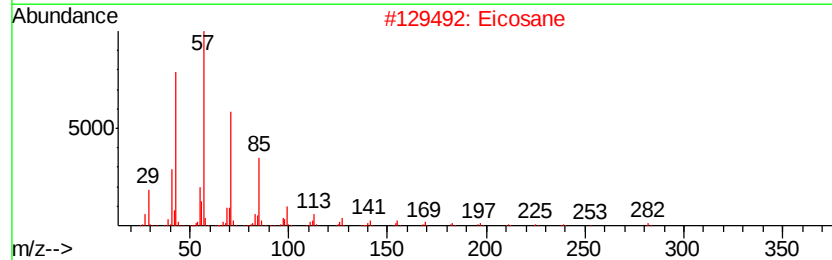
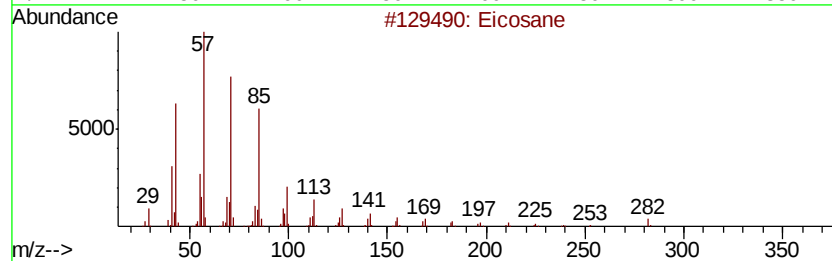
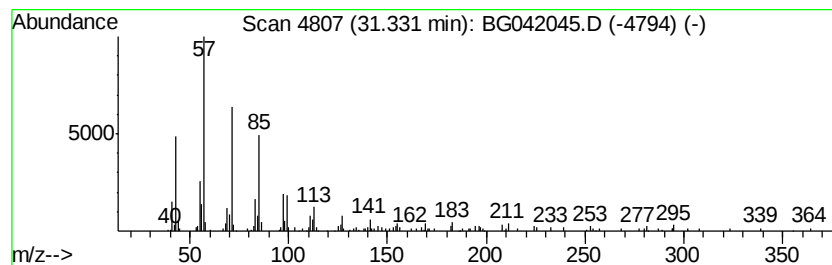
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.33	4.98 ng/ul	352210	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Data File : BG042045.D
Acq On : 8 Aug 2019 00:00
Operator : HP/JU
Sample : K4029-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	128.5	ng/ul	2542340	1	8.02	395704	20.0
(DEL) Alkane: Cyc...	21.37	2.9	ng/ul	222729	5	21.72	1531210	20.0
(DEL) Alkane: Str...	21.93	2.3	ng/ul	172505	5	21.72	1531210	20.0
(DEL) Alkane: Str...	22.55	4.6	ng/ul	354763	5	21.72	1531210	20.0
(DEL) Alkane: Str...	23.26	8.3	ng/ul	632993	5	21.72	1531210	20.0
Hexadecane, 1-iodo-	24.08	11.2	ng/ul	790448	6	24.99	1415830	20.0
(DEL) Alkane: Str...	26.22	11.8	ng/ul	832601	6	24.99	1415830	20.0
(DEL) Alkane: Str...	27.62	9.6	ng/ul	678541	6	24.99	1415830	20.0
(DEL) Alkane: Str...	29.30	7.3	ng/ul	512968	6	24.99	1415830	20.0
(DEL) Alkane: Str...	31.33	5.0	ng/ul	352210	6	24.99	1415830	20.0