

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042003.D
 Acq On : 6 Aug 2019 18:27
 Operator : HP/JU
 Sample : K4028-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP71

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	3.147	5	10	25	rVB	1194828	1889405	100.00%	8.625%
2	3.405	51	54	61	rVB4	6188	11407	0.60%	0.052%
3	3.987	150	153	156	rBV4	1421	2109	0.11%	0.010%
4	4.075	164	168	174	rVB2	8968	13862	0.73%	0.063%
5	4.175	181	185	186	rBV3	1857	2538	0.13%	0.012%
6	4.392	219	222	226	rVB4	3243	3527	0.19%	0.016%
7	5.091	338	341	345	rBV4	2615	3839	0.20%	0.018%
8	6.431	562	569	577	rBV2	14630	24544	1.30%	0.112%
9	7.177	688	696	711	rBV2	95801	196739	10.41%	0.898%
10	7.342	716	724	736	rBV	81258	147399	7.80%	0.673%
11	7.553	753	760	770	rBV	116214	206514	10.93%	0.943%
12	8.023	834	840	848	rBV	187793	330304	17.48%	1.508%
13	8.734	954	961	971	rBV	112450	219411	11.61%	1.002%
14	8.852	977	981	988	rVB6	2827	6592	0.35%	0.030%
15	9.193	1030	1039	1048	rBV	105453	196353	10.39%	0.896%
16	9.639	1110	1115	1118	rVB4	1535	2382	0.13%	0.011%
17	9.921	1155	1163	1173	rBV	90047	170200	9.01%	0.777%
18	10.468	1248	1256	1269	rBV	139318	286357	15.16%	1.307%
19	10.849	1313	1321	1334	rBV	272549	508850	26.93%	2.323%
20	10.985	1337	1344	1360	rVV	81938	184351	9.76%	0.842%
21	12.442	1585	1592	1594	rBV4	1806	2998	0.16%	0.014%
22	13.300	1735	1738	1742	rVB4	2683	3086	0.16%	0.014%
23	13.582	1780	1786	1792	rBV2	25212	40090	2.12%	0.183%
24	14.087	1866	1872	1876	rBV	343500	522608	27.66%	2.386%
25	14.134	1876	1880	1890	rVB	130532	202017	10.69%	0.922%
26	14.381	1911	1922	1933	rBV	399451	654676	34.65%	2.988%
27	14.592	1954	1958	1963	rBV3	1091	2037	0.11%	0.009%
28	14.686	1965	1974	1984	rBV	532108	840448	44.48%	3.837%
29	14.827	1994	1998	2000	rBV3	3516	4720	0.25%	0.022%
30	14.868	2000	2005	2020	rVV	67296	154143	8.16%	0.704%
31	15.097	2039	2044	2049	rVB4	4552	7913	0.42%	0.036%
32	15.491	2104	2111	2114	rBV4	3841	6823	0.36%	0.031%
33	15.538	2116	2119	2125	rVB3	2303	3368	0.18%	0.015%
34	15.679	2134	2143	2152	rBV	569927	870908	46.09%	3.976%

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35	15.791	2157	2162	2174	rBV	113015	218140	11.55%	0.996%
36	15.926	2181	2185	2191	rVB4	7214	10766	0.57%	0.049%
37	16.408	2262	2267	2269	rBV2	2305	3085	0.16%	0.014%
38	16.466	2274	2277	2282	rVB5	2395	3504	0.19%	0.016%
39	16.578	2290	2296	2299	rBV4	3730	6483	0.34%	0.030%
40	16.748	2322	2325	2327	rBV3	1586	2067	0.11%	0.009%
41	17.359	2425	2429	2435	rVB7	3510	5391	0.29%	0.025%
42	17.436	2435	2442	2453	rBV2	758497	1138174	60.24%	5.196%
43	17.536	2453	2459	2467	rBV	638193	979032	51.82%	4.469%
44	17.718	2487	2490	2494	rBV4	2082	3339	0.18%	0.015%
45	17.824	2504	2508	2513	rBV5	8964	17199	0.91%	0.079%
46	18.106	2554	2556	2560	rBV4	1776	2980	0.16%	0.014%
47	18.217	2573	2575	2577	rBV2	2330	2309	0.12%	0.011%
48	18.235	2577	2578	2583	rVB4	2221	2243	0.12%	0.010%
49	18.335	2590	2595	2604	rBV4	30684	71219	3.77%	0.325%
50	18.399	2604	2606	2614	rVV	8579	15489	0.82%	0.071%
51	18.629	2642	2645	2650	rBV6	3286	6068	0.32%	0.028%
52	18.758	2664	2667	2669	rBV3	3427	3123	0.17%	0.014%
53	18.869	2684	2686	2688	rBV3	1967	2256	0.12%	0.010%
54	18.993	2702	2707	2708	rBV6	2344	3440	0.18%	0.016%
55	19.005	2708	2709	2713	rVV4	1924	2573	0.14%	0.012%
56	19.187	2735	2740	2749	rBV	118602	269166	14.25%	1.229%
57	19.457	2784	2786	2789	rBV3	5904	7259	0.38%	0.033%
58	19.504	2790	2794	2798	rVB2	35946	43696	2.31%	0.199%
59	19.539	2798	2800	2803	rVB4	7286	7946	0.42%	0.036%
60	19.586	2806	2808	2810	rBV2	2907	2677	0.14%	0.012%
61	19.622	2810	2814	2818	rBV7	4704	8663	0.46%	0.040%
62	19.716	2827	2830	2834	rBV2	6933	8524	0.45%	0.039%
63	19.768	2838	2839	2841	rBV	2795	2363	0.13%	0.011%
64	19.821	2842	2848	2856	rBV	869437	1277973	67.64%	5.834%
65	19.951	2868	2870	2876	rVB7	8671	8669	0.46%	0.040%
66	20.362	2931	2940	2946	rBV3	65732	145137	7.68%	0.663%
67	20.538	2966	2970	2971	rBV3	6219	9032	0.48%	0.041%
68	20.861	3021	3025	3028	rVB	40821	50156	2.65%	0.229%
69	21.038	3053	3055	3059	rVB4	14871	16178	0.86%	0.074%
70	21.179	3076	3079	3082	rBV5	5864	6787	0.36%	0.031%
71	21.372	3106	3112	3121	rBV3	195256	398650	21.10%	1.820%

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72	21.719	3163	3171	3185	rBV	794439	1385390	73.32%	6.324%
73	21.931	3200	3207	3211	rBV2	35562	72623	3.84%	0.332%
74	22.171	3244	3248	3255	rVB2	48253	78268	4.14%	0.357%
75	22.547	3306	3312	3338	rVB	448022	1058247	56.01%	4.831%
76	23.258	3425	3433	3441	rVB2	67768	151745	8.03%	0.693%
77	23.446	3462	3465	3470	rVB3	14879	27104	1.43%	0.124%
78	23.611	3486	3493	3501	rVB2	122698	251652	13.32%	1.149%
79	24.087	3565	3574	3581	rBV	383205	887742	46.99%	4.052%
80	24.152	3581	3585	3599	rVB6	44515	145320	7.69%	0.663%
81	24.510	3642	3646	3655	rVB5	30712	65710	3.48%	0.300%
82	24.757	3679	3688	3701	rVB	453395	1261880	66.79%	5.760%
83	24.986	3715	3727	3736	rBV2	481545	1461349	77.34%	6.671%
84	25.062	3736	3740	3747	rVB2	50145	108538	5.74%	0.495%
85	25.585	3820	3829	3840	rVB2	137655	390974	20.69%	1.785%
86	26.231	3929	3939	3949	rVB5	72081	239343	12.67%	1.093%
87	26.349	3954	3959	3962	rBV7	29250	59393	3.14%	0.271%
88	26.537	3985	3991	4002	rVB5	34647	103265	5.47%	0.471%
89	26.872	4042	4048	4058	rVB7	48761	147908	7.83%	0.675%
90	28.417	4297	4311	4330	rBV3	329774	1304180	69.03%	5.953%
91	28.875	4381	4389	4390	rBV6	35484	71309	3.77%	0.326%
92	29.504	4494	4496	4497	rBV2	7617	6601	0.35%	0.030%
93	30.462	4648	4659	4660	rBV10	53826	143753	7.61%	0.656%

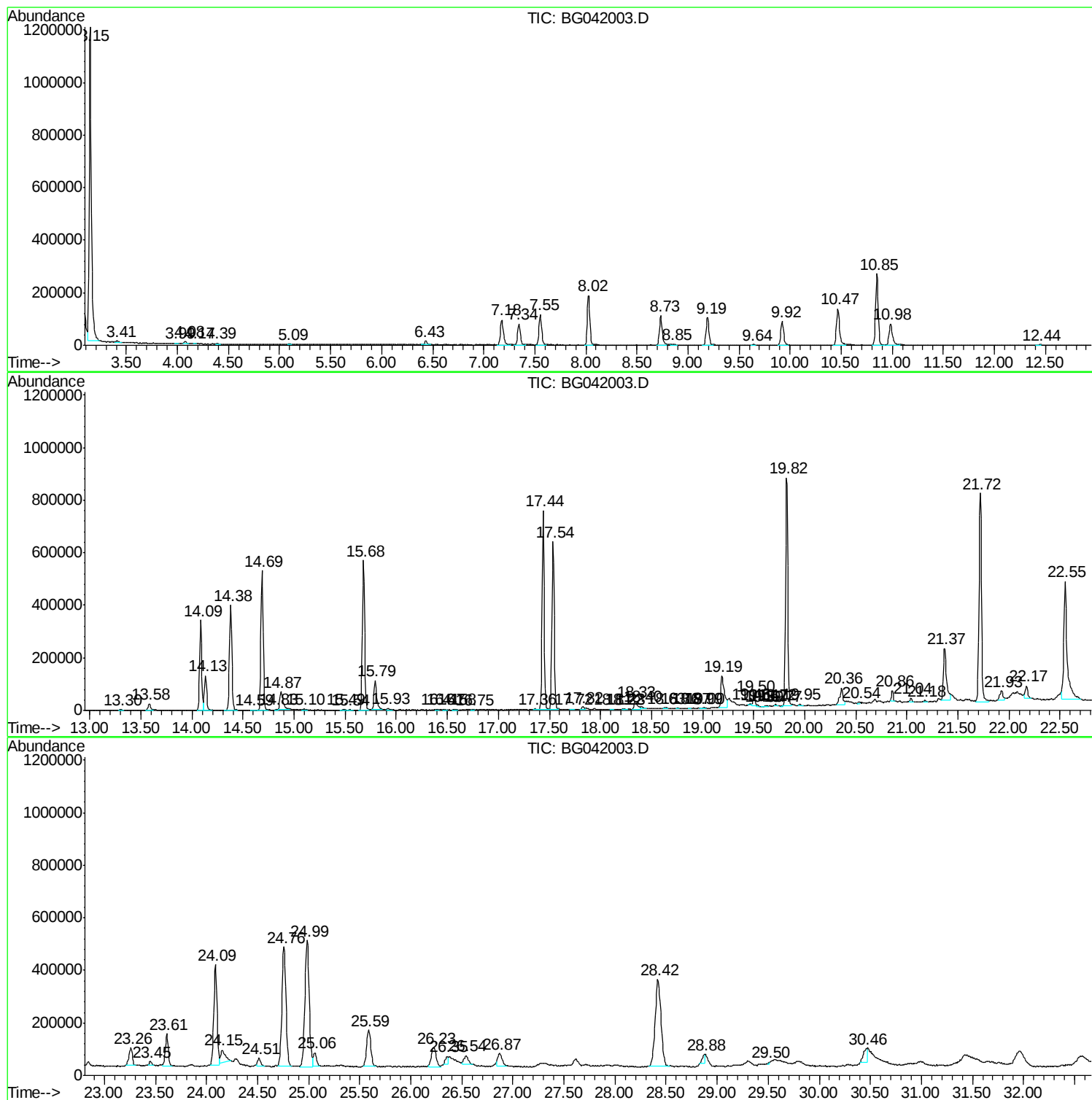
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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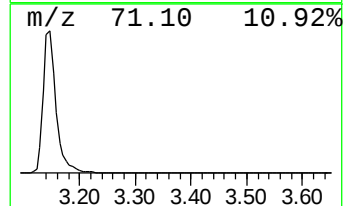
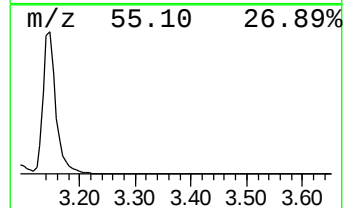
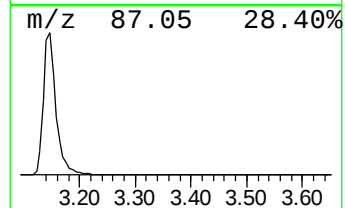
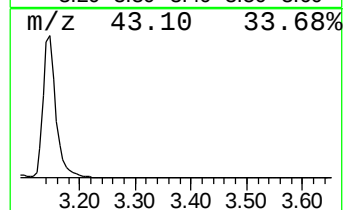
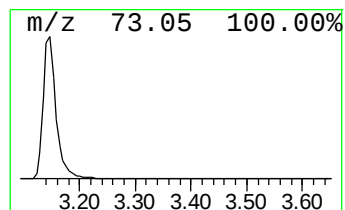
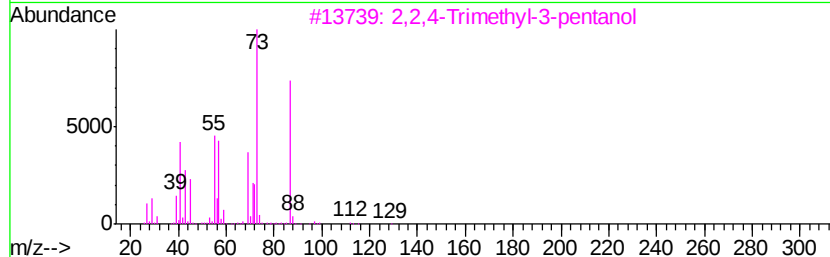
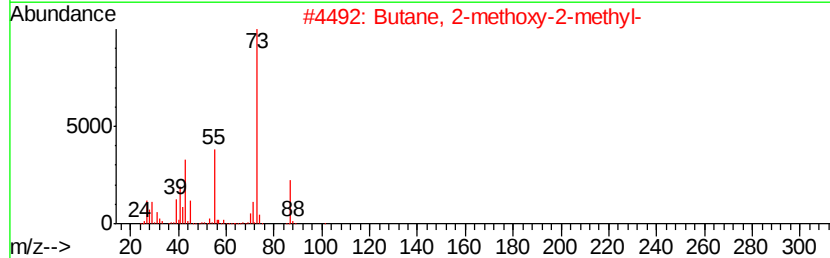
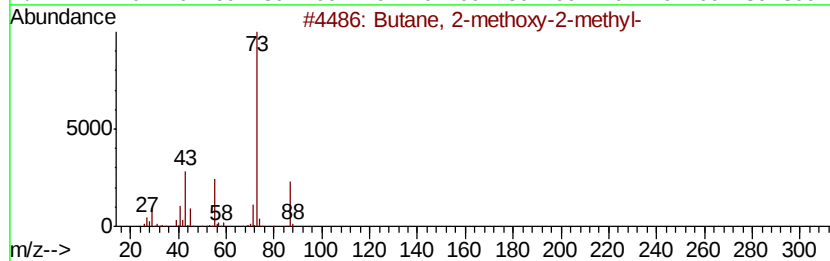
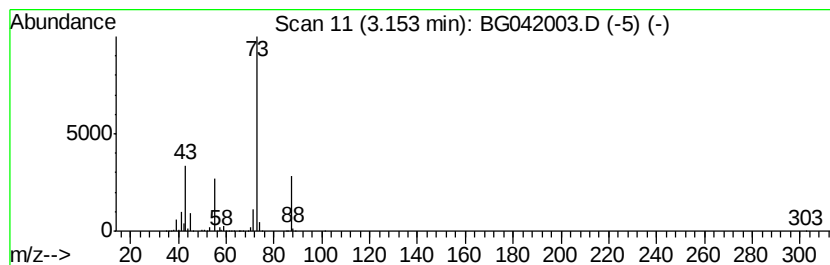
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	114.40 ng/ul	1889410	1,4-Dichlorobenzene-d4	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45	
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40	
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40	
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	



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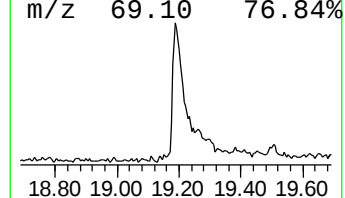
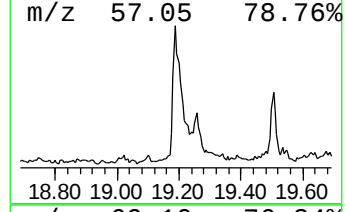
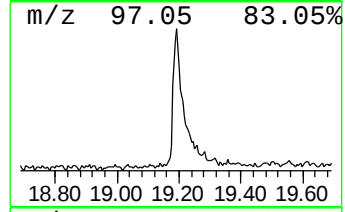
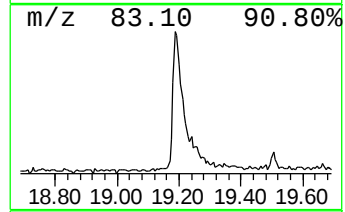
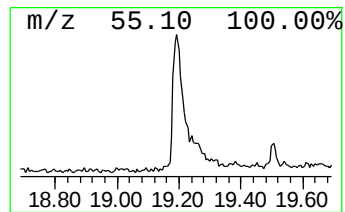
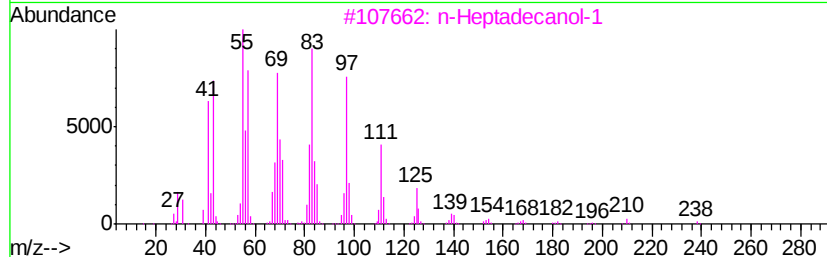
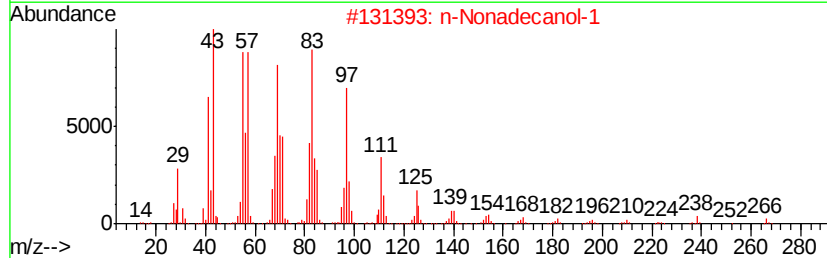
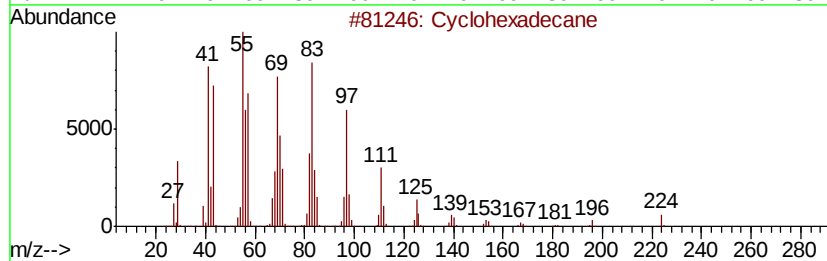
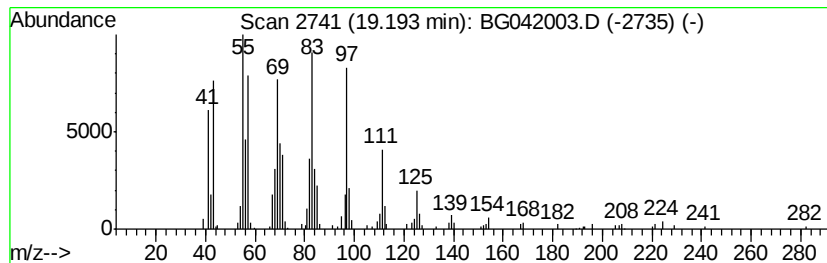
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic19.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.19	4.73 ng/ul	269166	Phenanthrene-d10		17.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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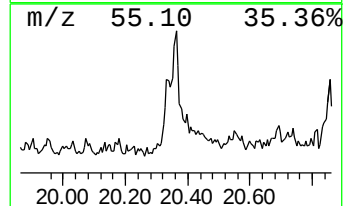
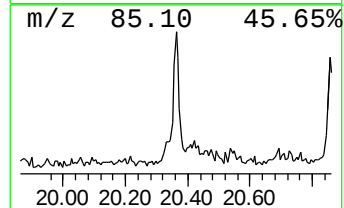
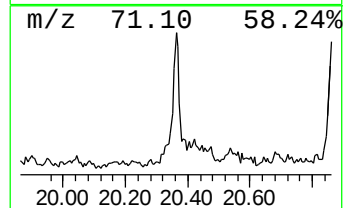
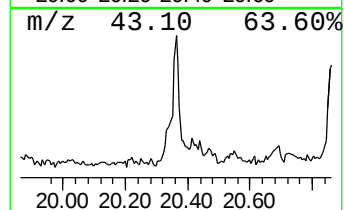
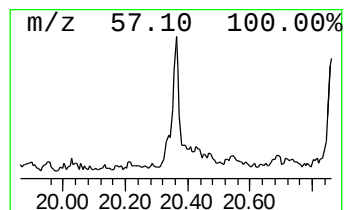
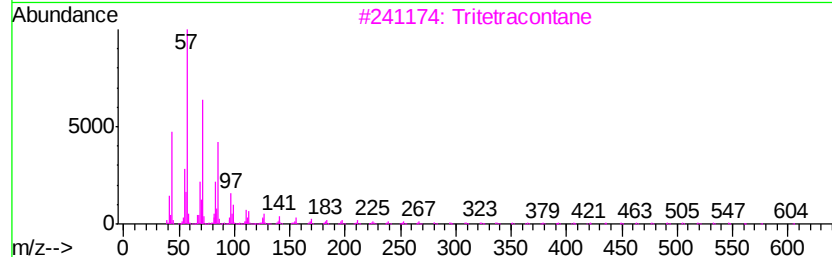
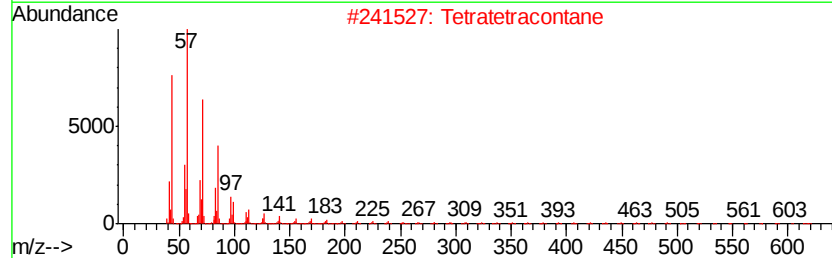
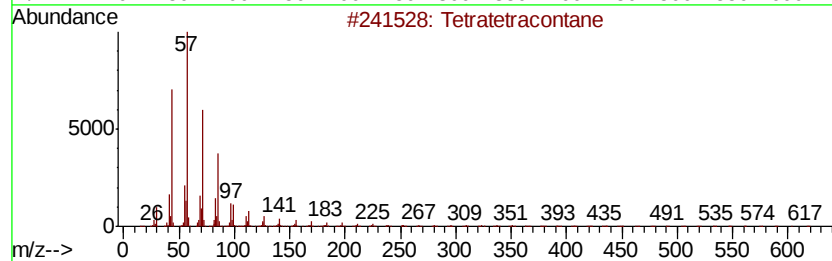
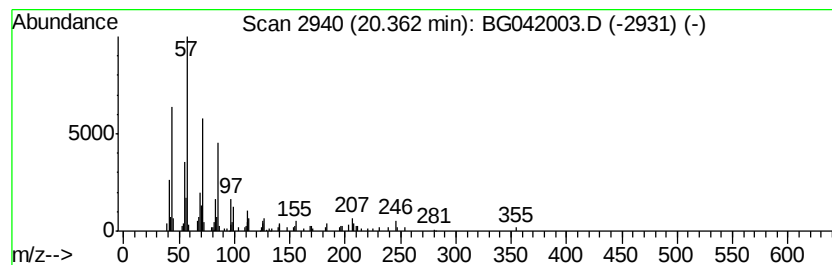
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.10 ng/ul	145137	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetratetracontane	619 C44H90	007098-22-8 90
2		Tetratetracontane	619 C44H90	007098-22-8 90
3		Tritetracontane	605 C43H88	007098-21-7 90
4		Sulfurous acid, butyl tetradecyl...	334 C18H38O3S	1000309-18-1 87
5		Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9 87



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ClientSampleId :
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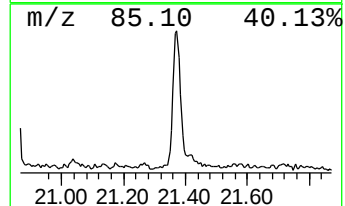
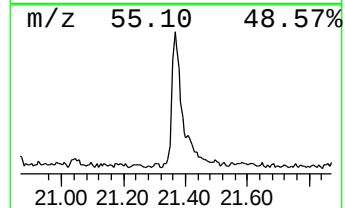
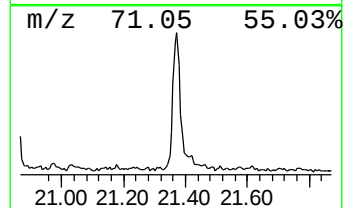
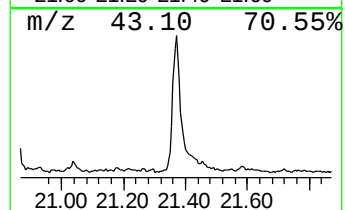
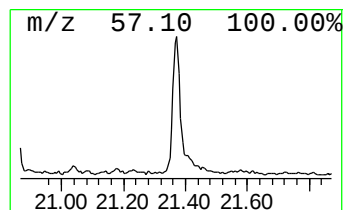
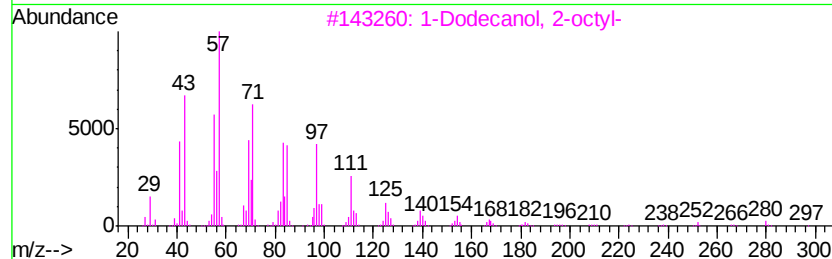
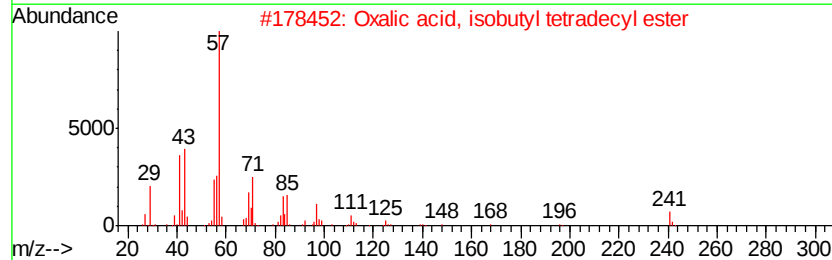
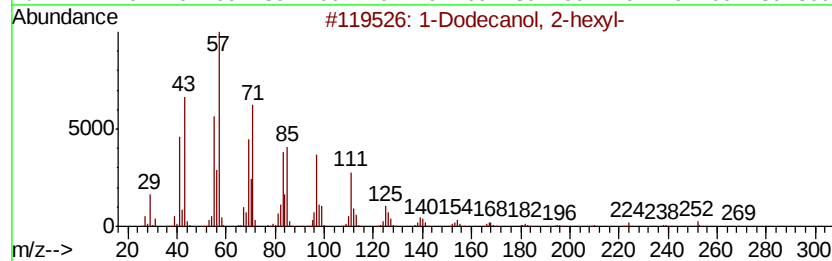
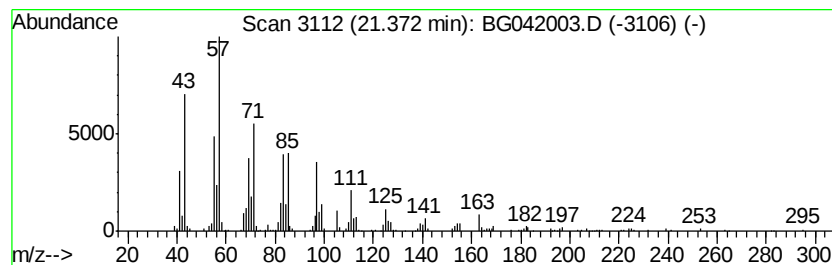
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Dodecanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.76 ng/ul	398650	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	94
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
5		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042003.D
 Acq On : 6 Aug 2019 18:27
 Operator : HP/JU
 Sample : K4028-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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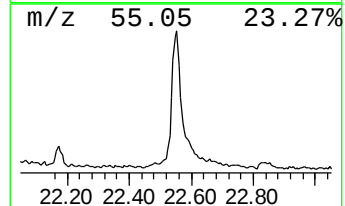
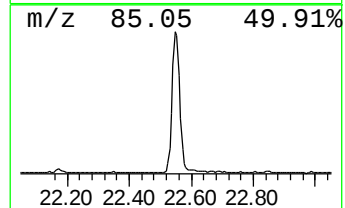
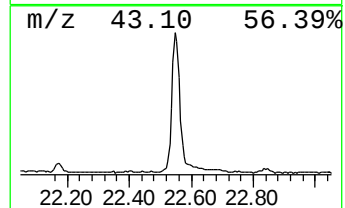
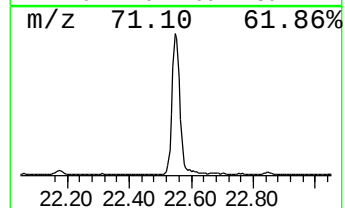
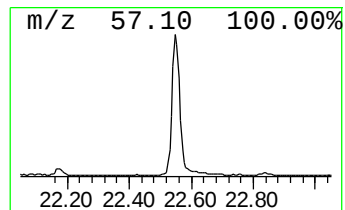
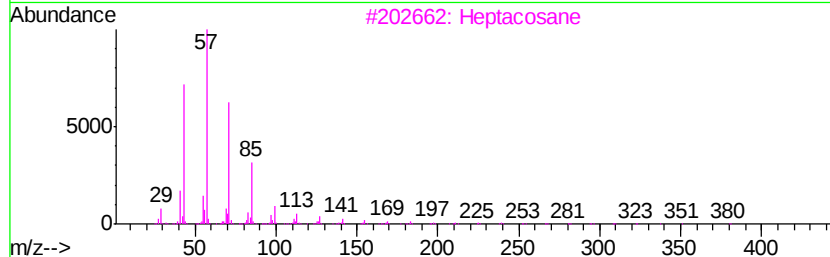
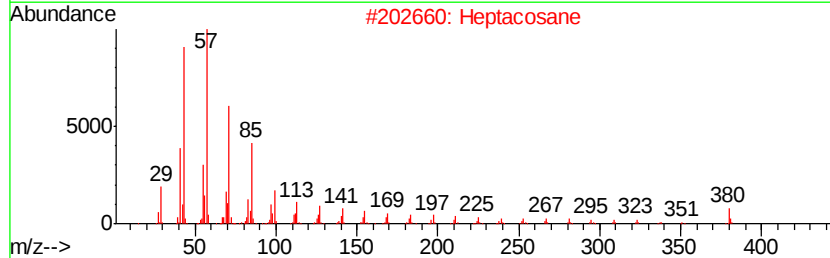
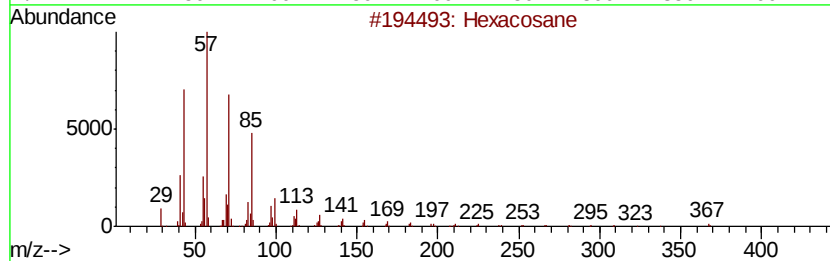
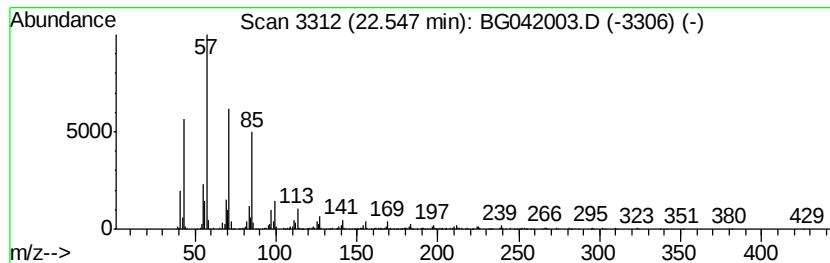
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	15.28 ng/ul	1058250	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heptacosane	380	C27H56	000593-49-7	93
3		Heptacosane	380	C27H56	000593-49-7	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5		Tricosane	324	C23H48	000638-67-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042003.D
Acq On : 6 Aug 2019 18:27
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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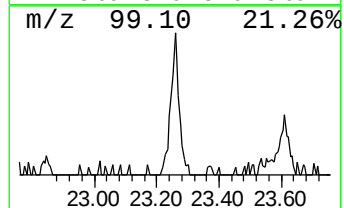
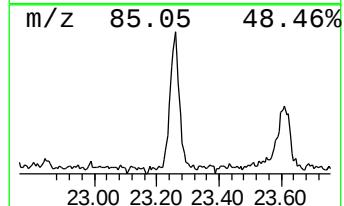
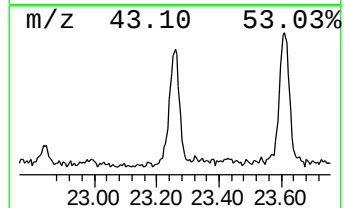
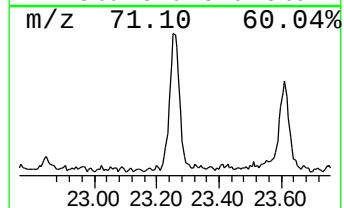
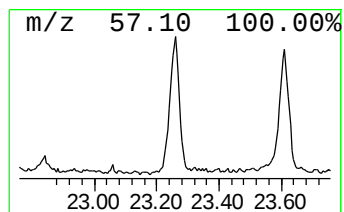
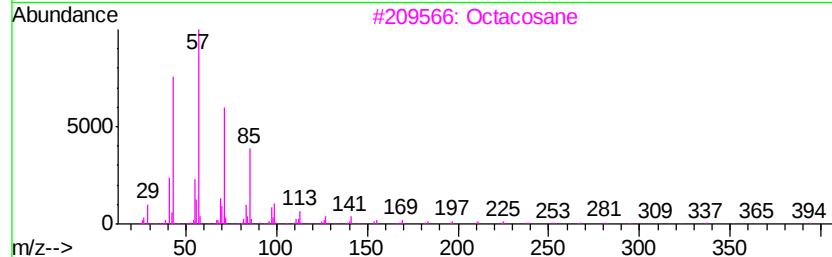
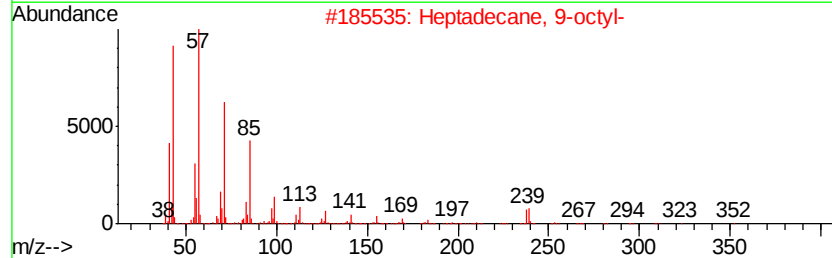
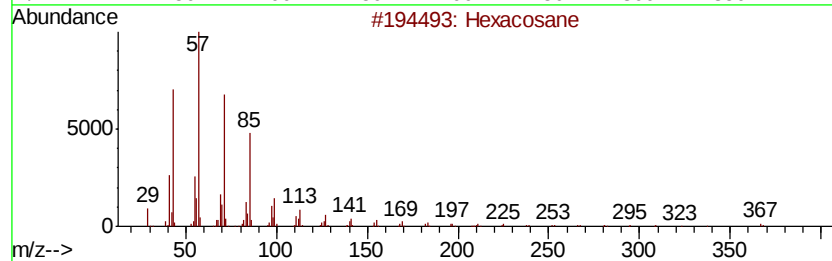
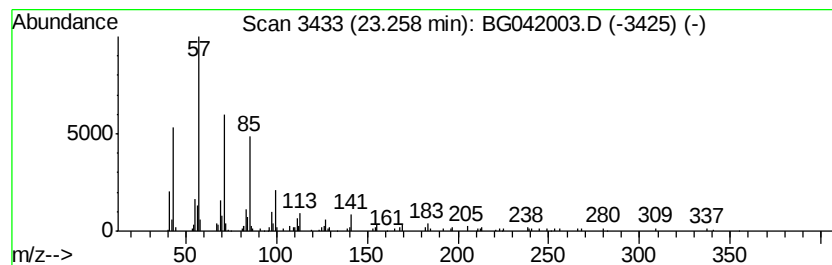
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.19 ng/ul	151745	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		triacontane	422	C30H62	000638-68-6	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042003.D
Acq On : 6 Aug 2019 18:27
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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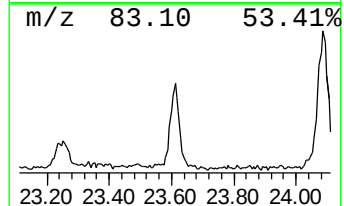
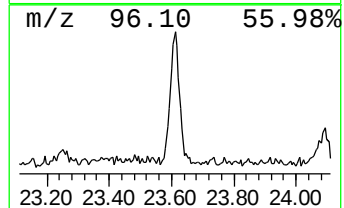
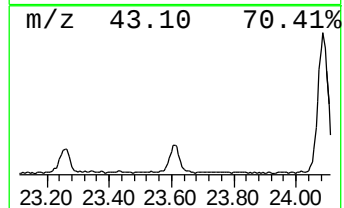
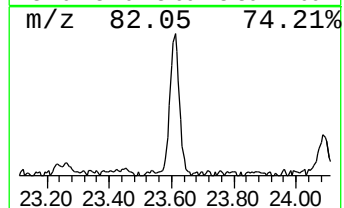
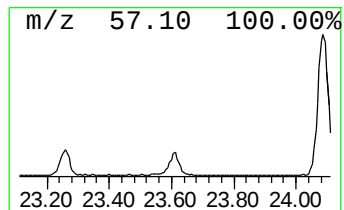
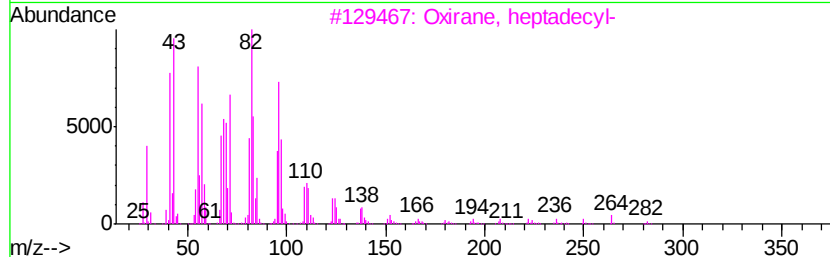
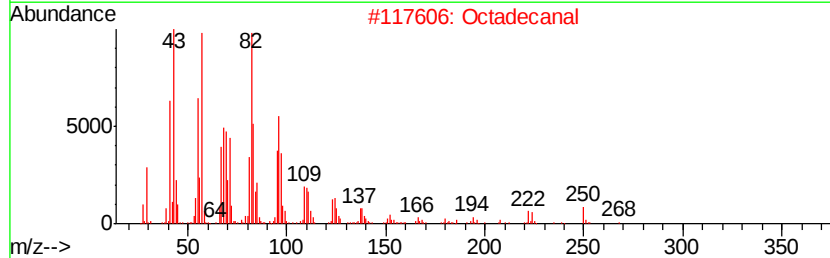
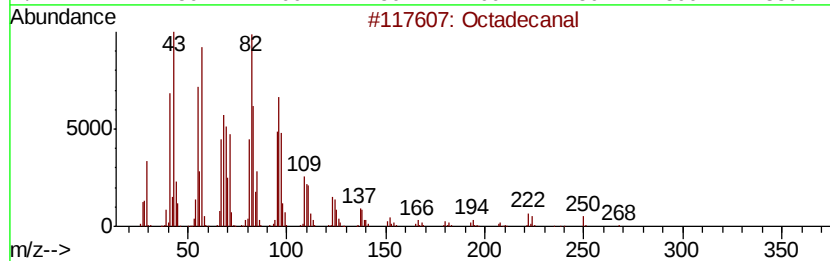
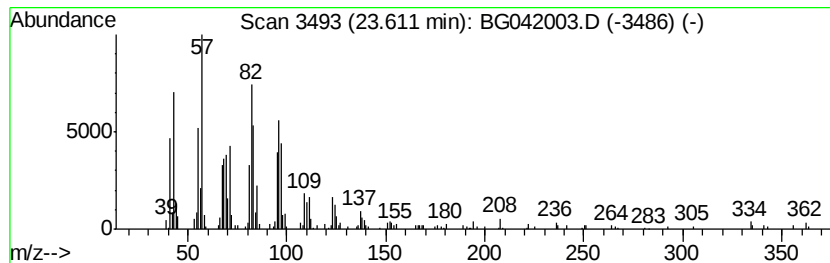
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.44 ng/ul	251652	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Octadecanal	268	C18H36O	000638-66-4	87
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
4		Octadecanal	268	C18H36O	000638-66-4	81
5		1,19-Eicosadiene	278	C20H38	014811-95-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042003.D
Acq On : 6 Aug 2019 18:27
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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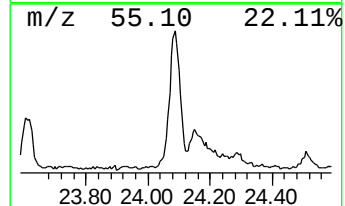
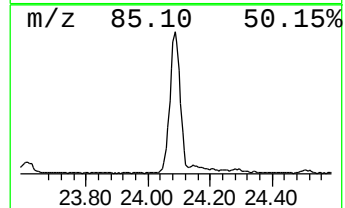
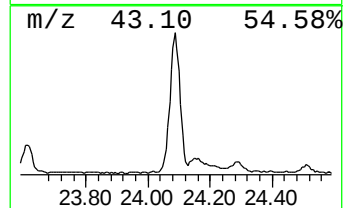
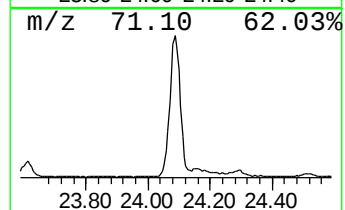
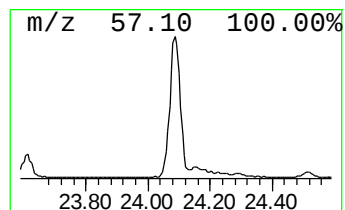
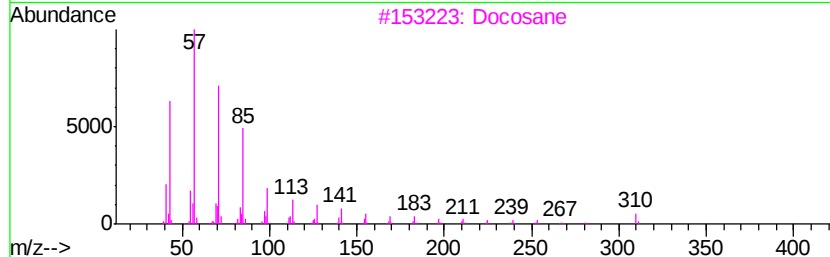
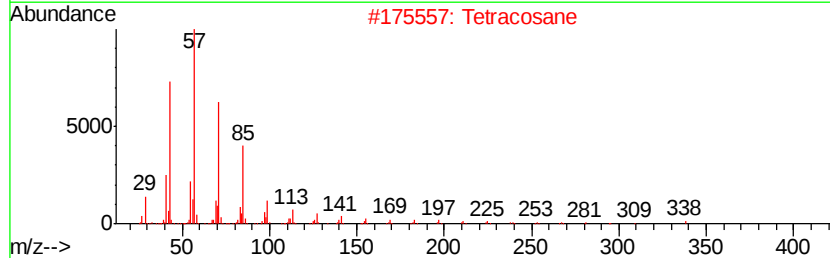
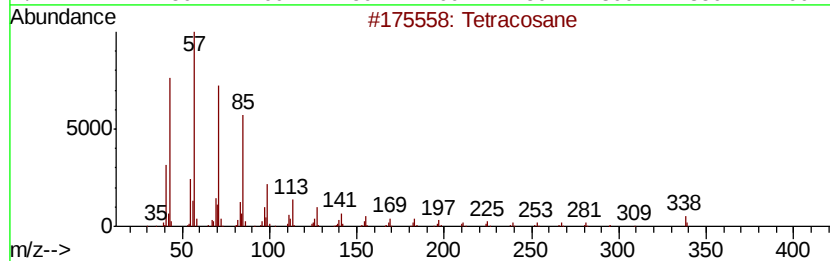
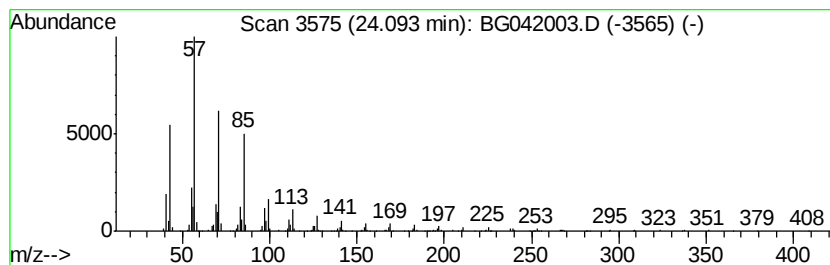
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
24.09	12.15 ng/ul	887742	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Tetracosane	338	C24H50	000646-31-1	93
3		Docosane	310	C22H46	000629-97-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042003.D
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Sample : K4028-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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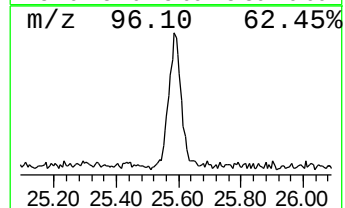
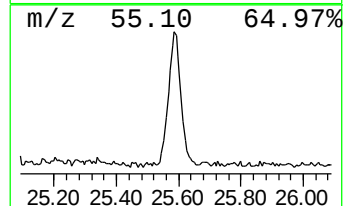
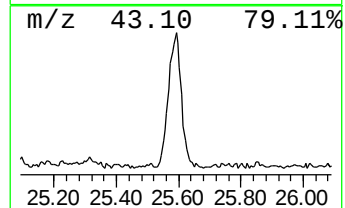
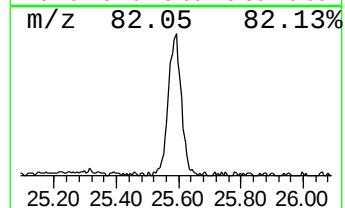
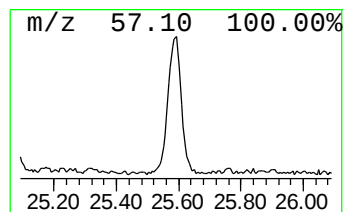
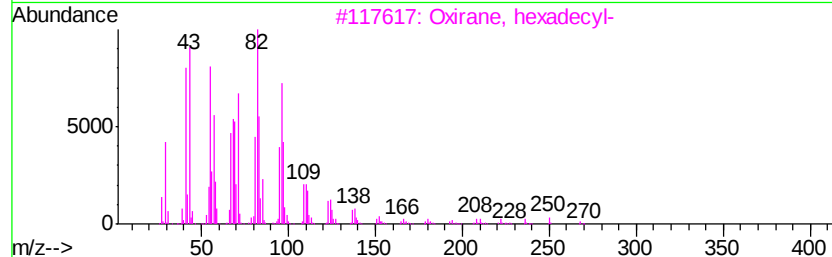
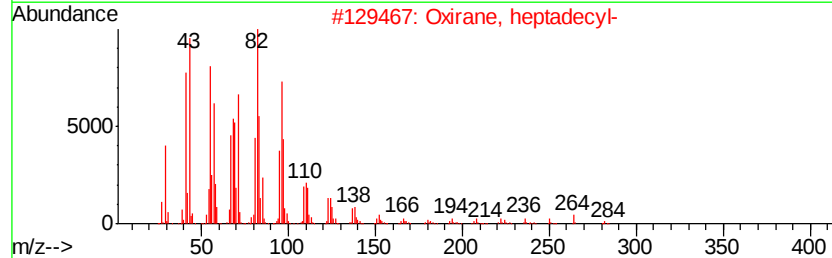
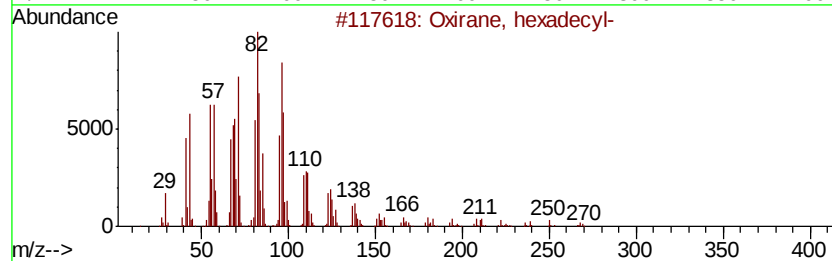
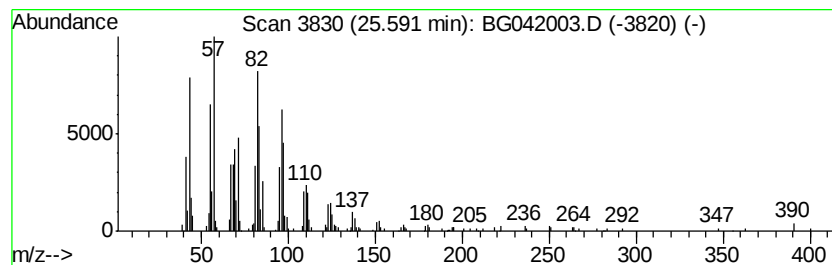
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	5.35 ng/ul	390974	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042003.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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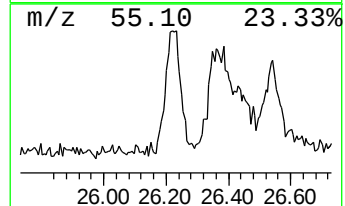
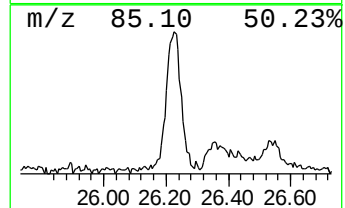
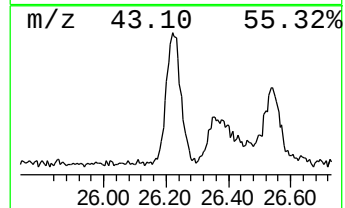
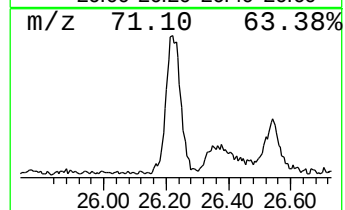
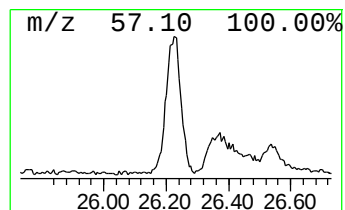
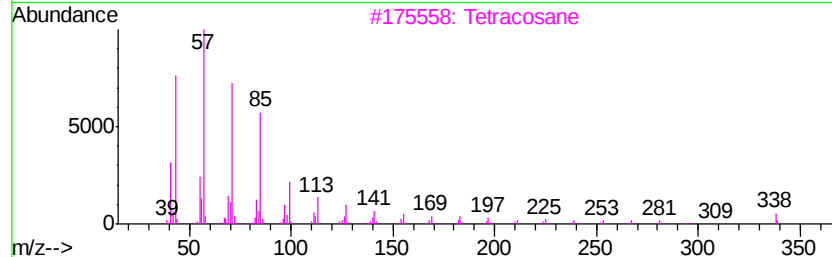
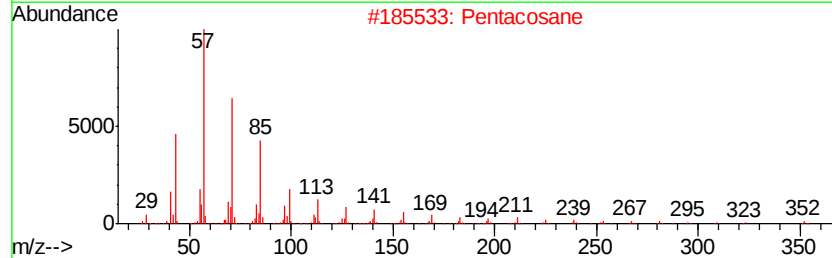
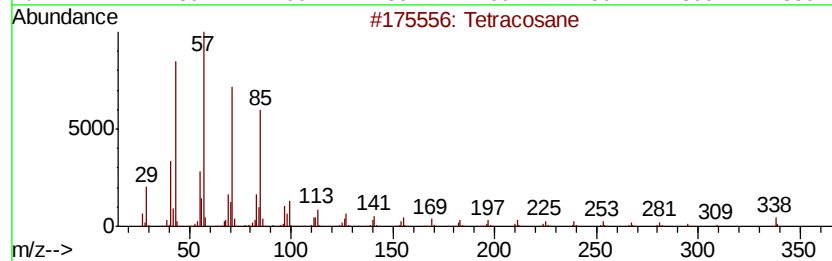
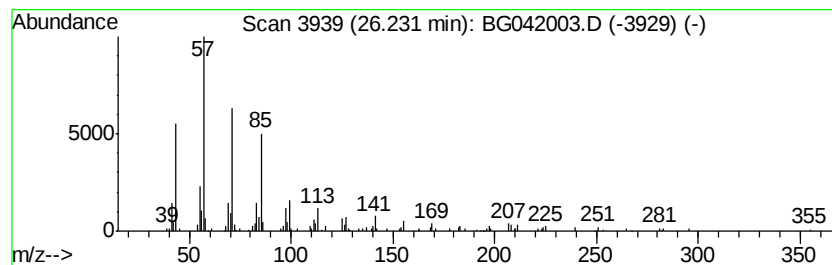
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	3.28 ng/ul	239343	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\
Data File : BG042003.D
Acq On : 6 Aug 2019 18:27
Operator : HP/JU
Sample : K4028-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP71

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	114.4	ng/ul	1889410	1	8.03	330304	20.0
(DEL) Alkane: Cyc...	19.19	4.7	ng/ul	269166	4	17.44	1138170	20.0
(DEL) Alkane: Str...	20.36	2.1	ng/ul	145137	5	21.72	1385390	20.0
1-Dodecanol, 2-he...	21.37	5.8	ng/ul	398650	5	21.72	1385390	20.0
(DEL) Alkane: Str...	22.55	15.3	ng/ul	1058250	5	21.72	1385390	20.0
(DEL) Alkane: Str...	23.26	2.2	ng/ul	151745	5	21.72	1385390	20.0
Octadecanal	23.61	3.4	ng/ul	251652	6	24.99	1461350	20.0
(DEL) Alkane: Str...	24.09	12.2	ng/ul	887742	6	24.99	1461350	20.0
Oxirane, hexadecyl-	25.59	5.3	ng/ul	390974	6	24.99	1461350	20.0
(DEL) Alkane: Str...	26.23	3.3	ng/ul	239343	6	24.99	1461350	20.0