

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025590.D
 Acq On : 16 Mar 2020 21:08
 Operator : CG/JU
 Sample : L1840-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBES7

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-BM031420MA.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	2.975	11	15	37	rVB	868731	1130991	20.26%	2.075%
2	3.222	53	57	63	rVB	46194	61778	1.11%	0.113%
3	3.840	160	162	166	rVB4	5937	6869	0.12%	0.013%
4	3.928	174	177	181	rVB2	9507	12316	0.22%	0.023%
5	4.822	324	329	335	rBV2	16008	24012	0.43%	0.044%
6	6.422	598	601	605	rBV4	4497	6006	0.11%	0.011%
7	6.816	661	668	678	rBV	187975	314477	5.63%	0.577%
8	6.981	690	696	705	rVB	601696	911015	16.32%	1.671%
9	7.175	723	729	739	rVV	688969	1122319	20.10%	2.059%
10	7.257	739	743	752	rVB	34546	58042	1.04%	0.106%
11	7.439	768	774	782	rBV	236275	348071	6.23%	0.639%
12	7.639	800	808	817	rBV2	858607	1357406	24.31%	2.490%
13	7.716	817	821	825	rVB5	10959	16599	0.30%	0.030%
14	7.875	842	848	854	rVB3	64869	96497	1.73%	0.177%
15	8.063	874	880	885	rVB2	14384	21462	0.38%	0.039%
16	8.339	921	927	942	rVB	558450	861064	15.42%	1.580%
17	8.775	994	1001	1011	rBV	750280	1244012	22.28%	2.282%
18	9.251	1079	1082	1088	rVB	11382	16399	0.29%	0.030%
19	9.492	1116	1123	1134	rBV	635259	1037081	18.58%	1.902%
20	9.586	1134	1139	1143	rVB5	6273	9473	0.17%	0.017%
21	10.028	1207	1214	1225	rBV	1006060	1613022	28.89%	2.959%
22	10.128	1227	1231	1236	rVB5	4646	7227	0.13%	0.013%
23	10.404	1270	1278	1285	rBV	960550	1555222	27.86%	2.853%
24	10.545	1295	1302	1310	rBV	78874	137594	2.46%	0.252%
25	10.804	1341	1346	1351	rVB5	11520	18857	0.34%	0.035%
26	11.692	1493	1497	1501	rBV6	7743	10953	0.20%	0.020%
27	11.745	1501	1506	1511	rVV4	6779	9918	0.18%	0.018%
28	11.892	1528	1531	1534	rVB2	6379	7460	0.13%	0.014%
29	11.998	1545	1549	1554	rVB	13425	20091	0.36%	0.037%
30	13.121	1735	1740	1746	rVB4	6916	11554	0.21%	0.021%
31	13.686	1829	1836	1840	rBV	1931373	2624396	47.01%	4.814%
32	13.727	1840	1843	1851	rVB	342310	468711	8.40%	0.860%
33	13.957	1875	1882	1895	rBV	2227727	3140387	56.25%	5.761%
34	14.204	1920	1924	1928	rVB3	7467	8330	0.15%	0.015%

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35	14.268	1928	1935	1943	rVV	1528813	2148924	38.49%	3.942%
36	14.468	1961	1969	1979	rBV	171199	267750	4.80%	0.491%
37	14.598	1985	1991	1994	rBV4	5956	10601	0.19%	0.019%
38	14.651	1997	2000	2004	rVB5	4368	5965	0.11%	0.011%
39	14.704	2006	2009	2015	rBV4	6913	11769	0.21%	0.022%
40	14.898	2037	2042	2048	rBV2	71160	96170	1.72%	0.176%
41	15.262	2097	2104	2111	rBV	2779210	3972220	71.15%	7.287%
42	15.386	2119	2125	2140	rBV	781507	1150511	20.61%	2.111%
43	15.504	2140	2145	2152	rVB	32943	45342	0.81%	0.083%
44	16.051	2235	2238	2241	rVV3	9483	12156	0.22%	0.022%
45	16.092	2241	2245	2249	rVB2	25255	30445	0.55%	0.056%
46	16.668	2338	2343	2355	rBV	509587	769566	13.78%	1.412%
47	16.798	2362	2365	2374	rVB4	11814	20020	0.36%	0.037%
48	17.015	2395	2402	2408	rBV	1786572	2526314	45.25%	4.634%
49	17.109	2412	2418	2427	rBV2	3039539	4297270	76.97%	7.883%
50	17.933	2552	2558	2570	rBV2	246285	377352	6.76%	0.692%
51	18.233	2607	2609	2615	rVB5	21515	31354	0.56%	0.058%
52	18.380	2633	2634	2642	rVB7	4892	8986	0.16%	0.016%
53	18.745	2693	2696	2699	rBV5	4153	5592	0.10%	0.010%
54	18.803	2702	2706	2713	rVV8	33805	45551	0.82%	0.084%
55	18.968	2731	2734	2740	rBV6	5384	9365	0.17%	0.017%
56	19.039	2742	2746	2751	rVV2	39152	60084	1.08%	0.110%
57	19.098	2753	2756	2759	rVB5	6710	7573	0.14%	0.014%
58	19.215	2771	2776	2784	rBV	84185	137514	2.46%	0.252%
59	19.292	2786	2789	2795	rVB	30299	44839	0.80%	0.082%
60	19.409	2800	2809	2816	rBV	4008280	5216469	93.43%	9.569%
61	19.650	2848	2850	2854	rBV5	6952	5891	0.11%	0.011%
62	19.950	2898	2901	2905	rBV4	22393	25642	0.46%	0.047%
63	19.992	2906	2908	2911	rBV3	10242	10999	0.20%	0.020%
64	20.486	2990	2992	2997	rVB4	21463	21655	0.39%	0.040%
65	20.939	3065	3069	3075	rBV	683716	860523	15.41%	1.579%
66	21.197	3108	3113	3120	rBV	2305032	2981270	53.40%	5.469%
67	21.386	3142	3145	3149	rBV2	86455	86707	1.55%	0.159%
68	21.815	3214	3218	3223	rBV	151581	206523	3.70%	0.379%
69	22.262	3291	3294	3301	rBV	177696	223427	4.00%	0.410%
70	22.756	3374	3378	3382	rBV	238518	318819	5.71%	0.585%
71	23.244	3454	3461	3467	rBV	3296660	5583107	100.00%	10.242%

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72	23.309	3468	3472	3477	rVV	296647	463074	8.29%	0.849%
73	23.380	3478	3484	3491	rVB	1754015	3082527	55.21%	5.655%
74	23.933	3573	3578	3585	rVB	246584	430939	7.72%	0.791%
75	24.003	3587	3590	3598	rVB3	134515	236345	4.23%	0.434%
76	24.650	3696	3700	3708	rVB	190694	376014	6.73%	0.690%

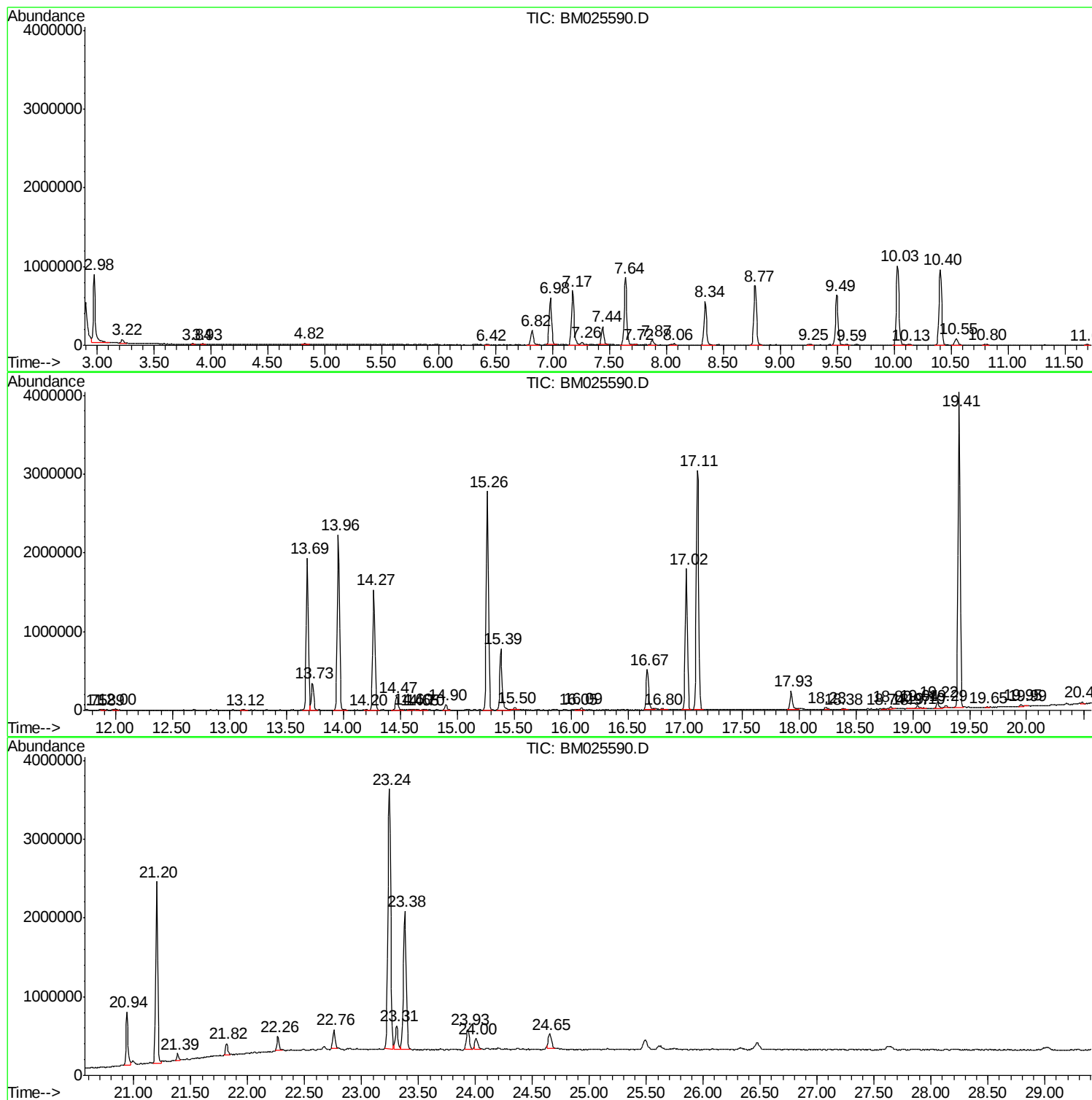
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025590.D
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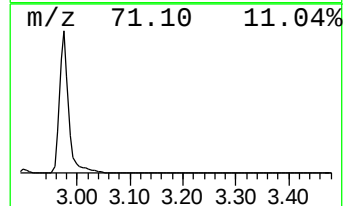
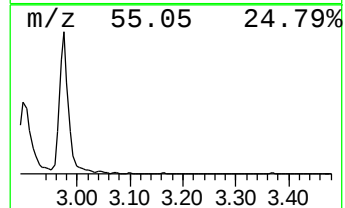
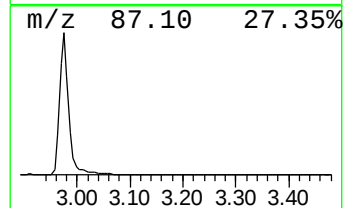
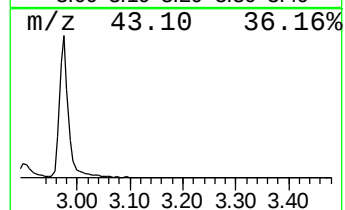
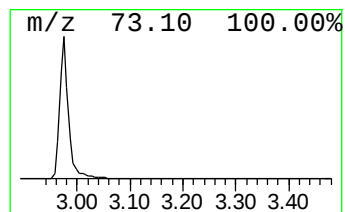
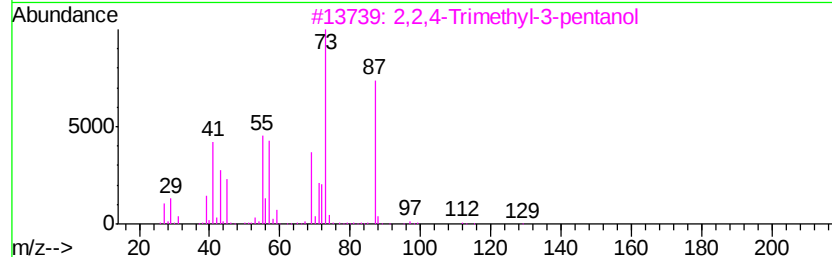
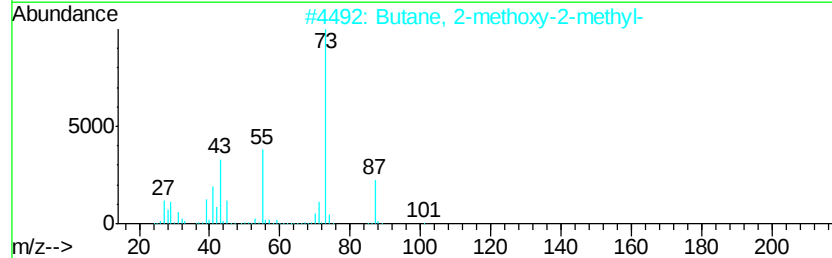
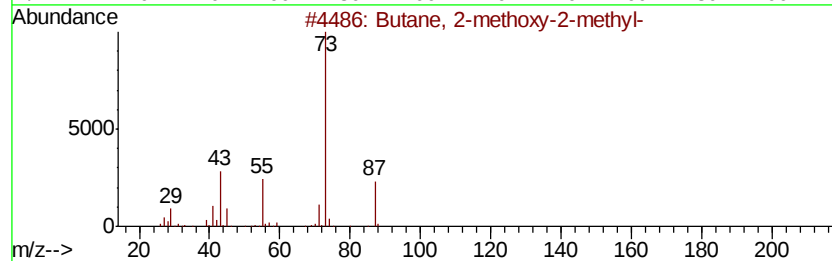
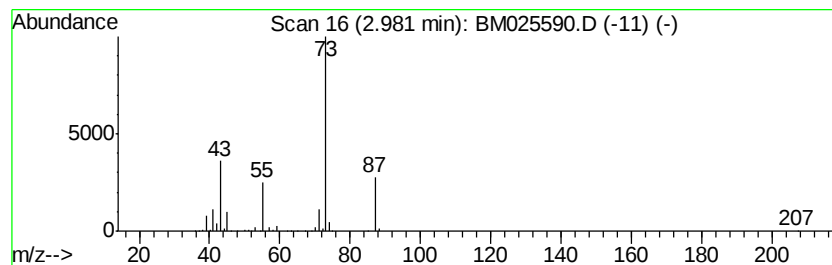
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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.
2.98	16.66 ng/ul	1130990	1,4-Dichlorobenzene-d4	7.64

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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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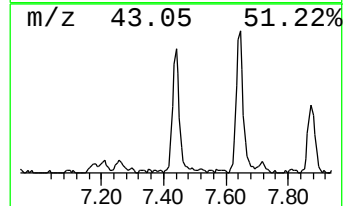
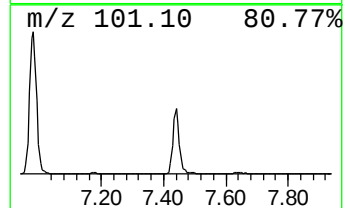
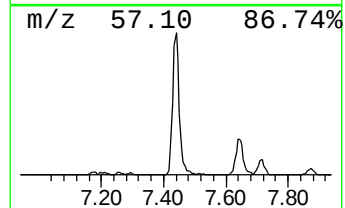
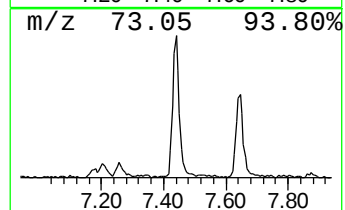
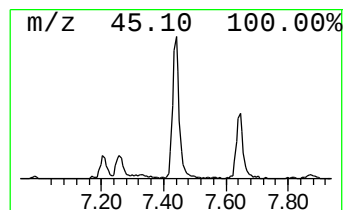
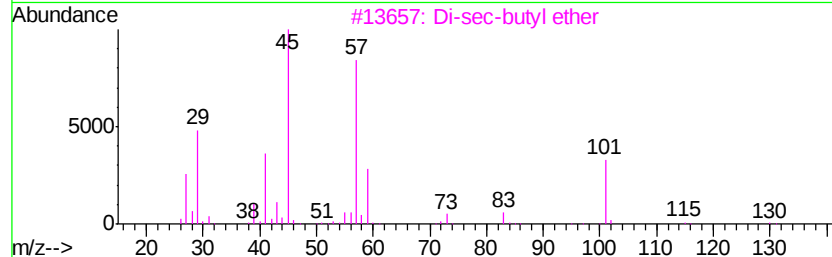
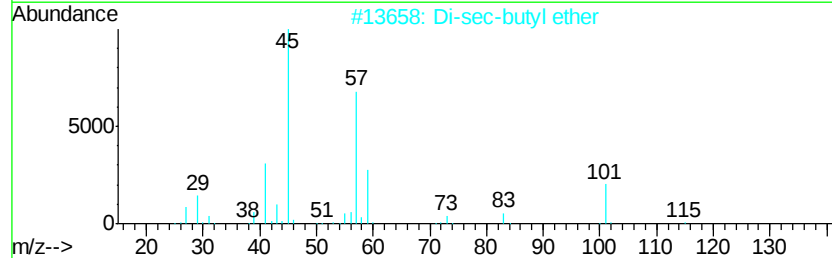
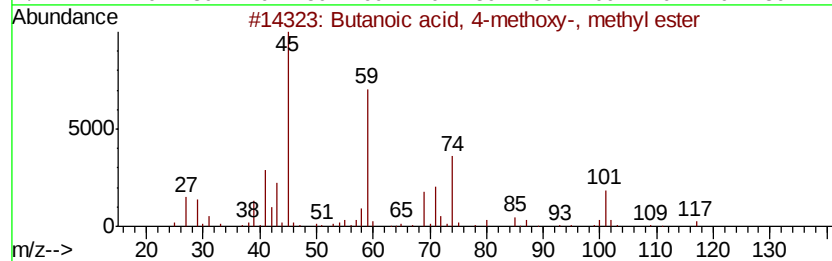
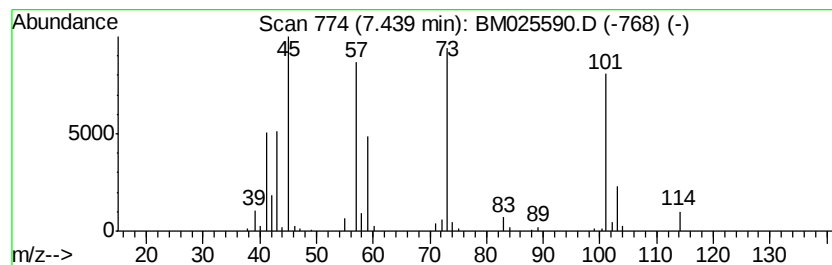
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butanoic acid, 4-methoxy-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	5.13 ng/ul	348071	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	59
2		Di-sec-butyl ether	130	C8H18O	006863-58-7	50
3		Di-sec-butyl ether	130	C8H18O	006863-58-7	45
4		1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	43
5		2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	40



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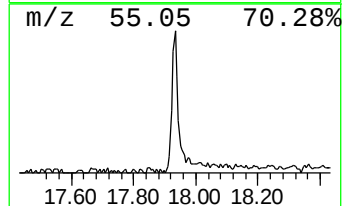
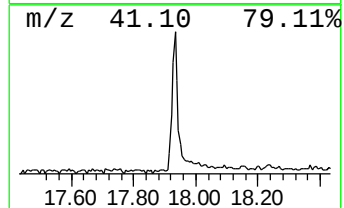
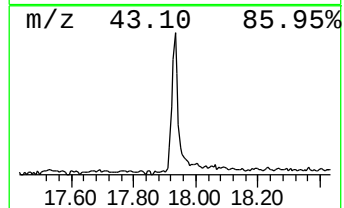
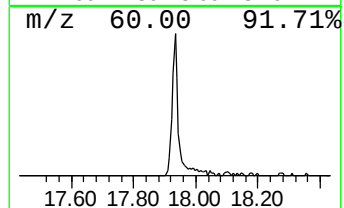
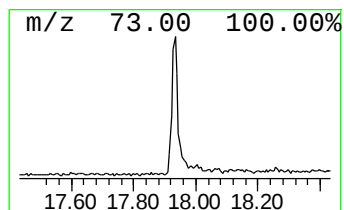
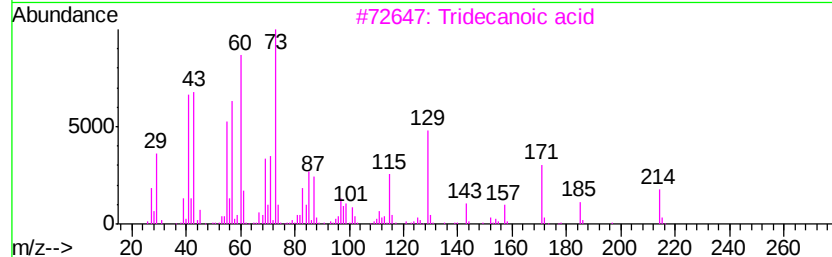
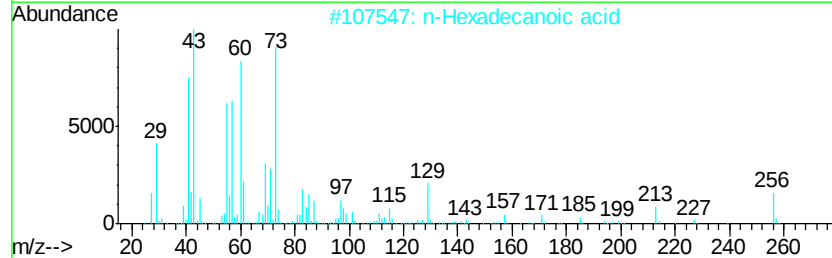
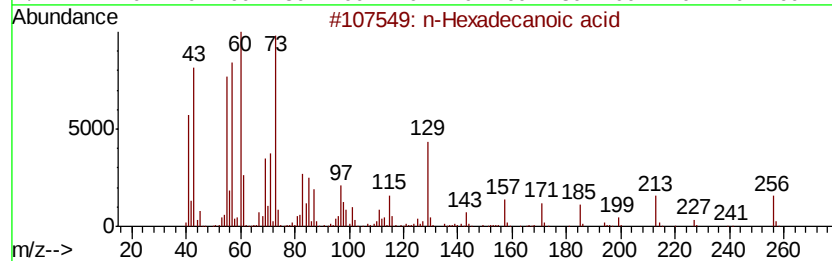
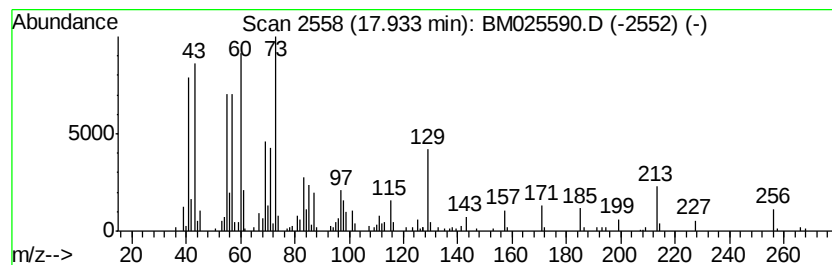
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.99 ng/ul	377352	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
3	Tridecanoic acid	214 C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	90
5	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	87



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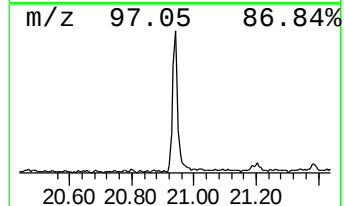
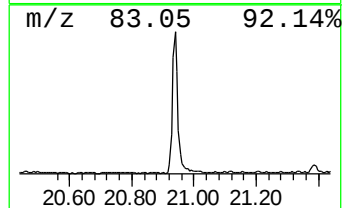
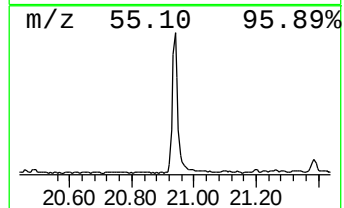
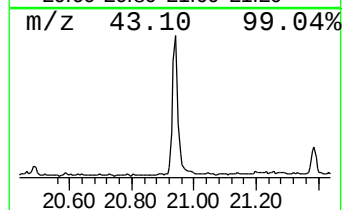
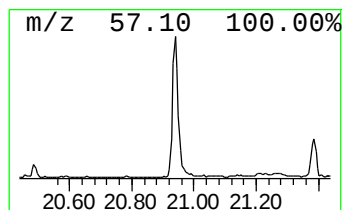
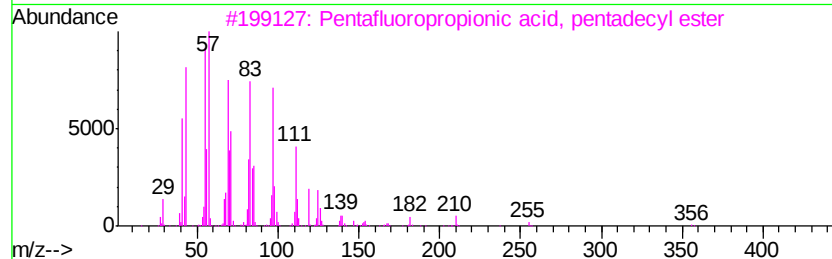
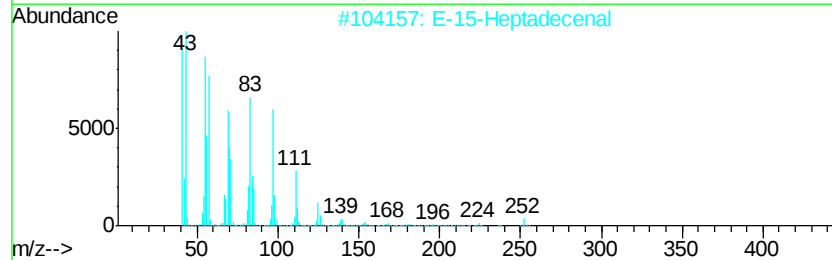
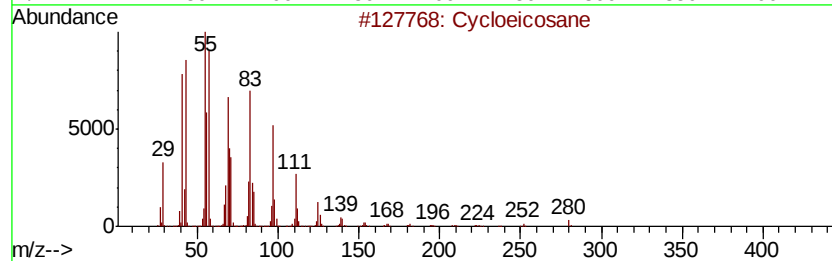
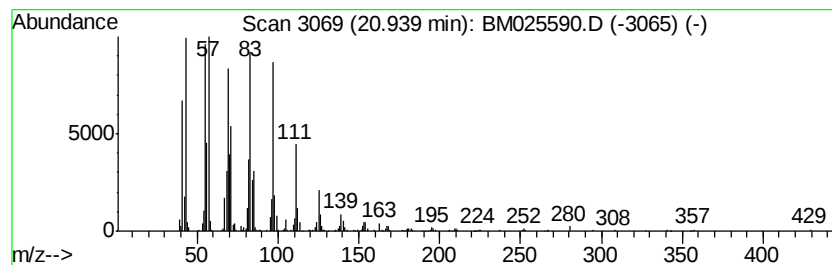
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.77 ng/ul	860523	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	98
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025590.D
Acq On : 16 Mar 2020 21:08
Operator : CG/JU
Sample : L1840-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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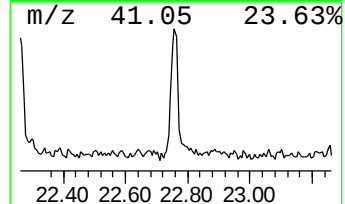
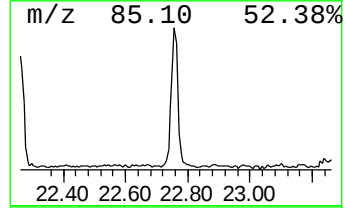
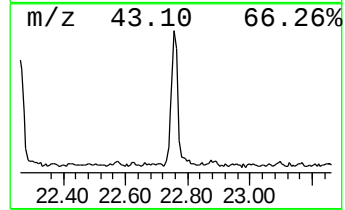
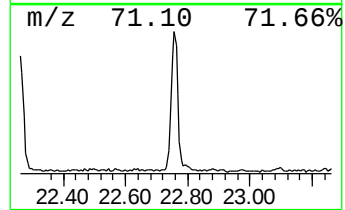
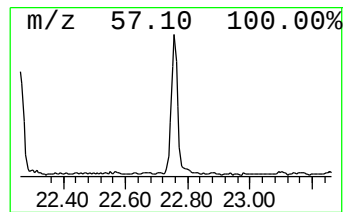
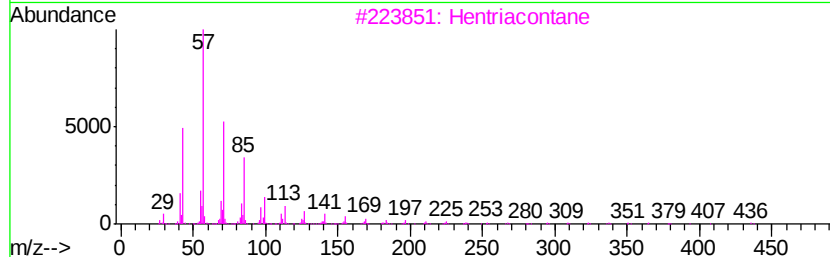
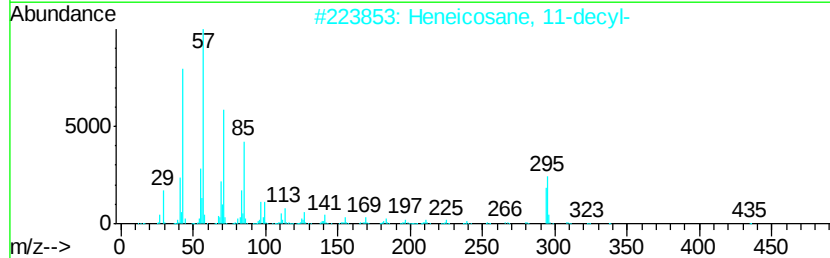
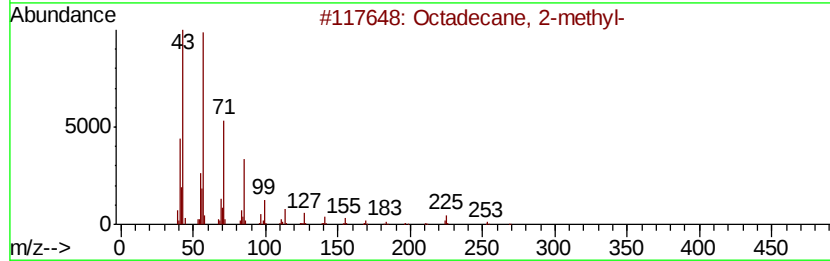
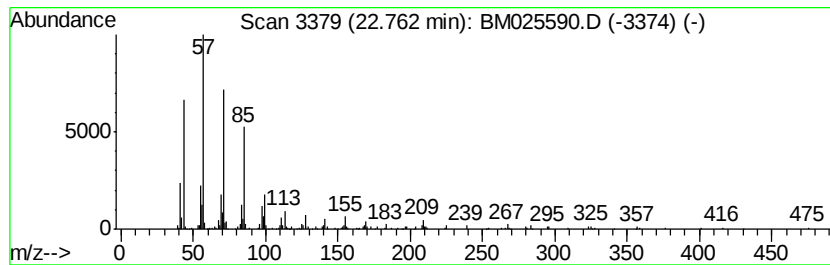
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.07 ng/ul	318819	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025590.D
Acq On : 16 Mar 2020 21:08
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Misc :
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Instrument :
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ClientSampleId :
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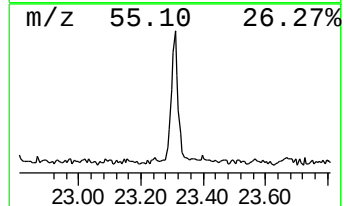
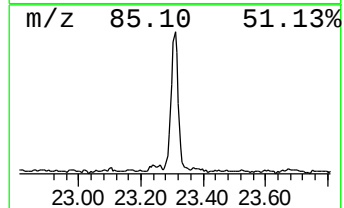
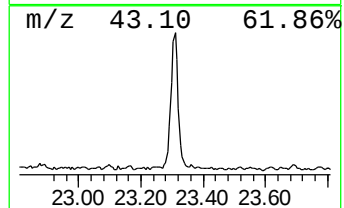
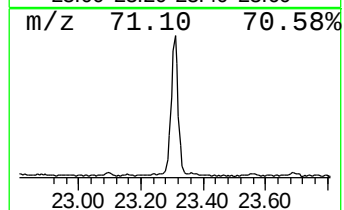
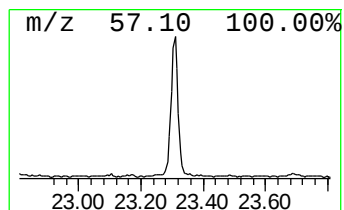
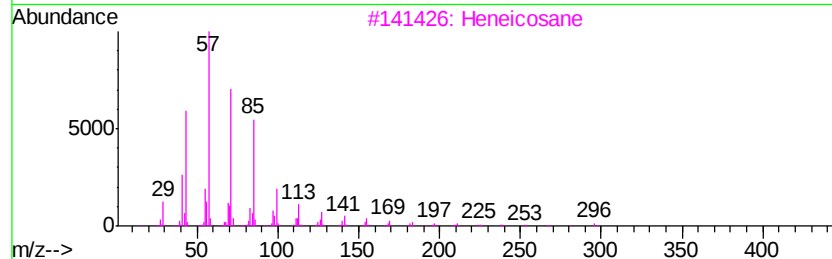
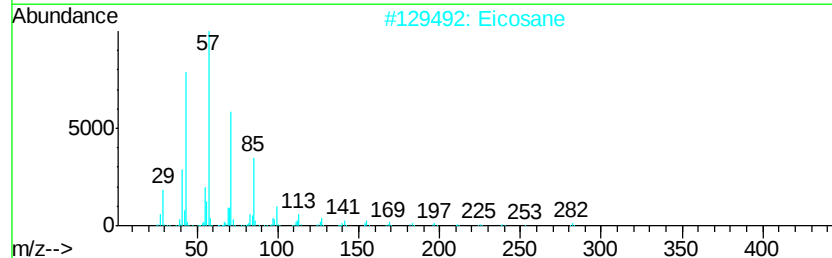
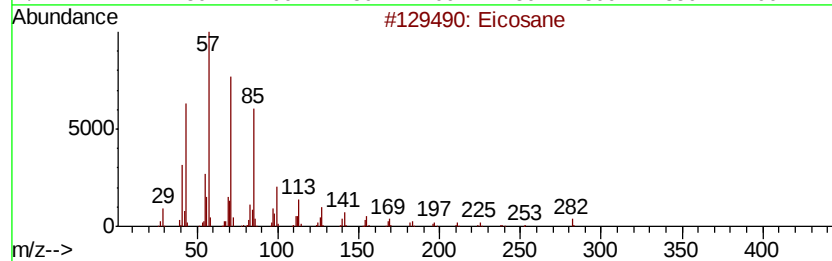
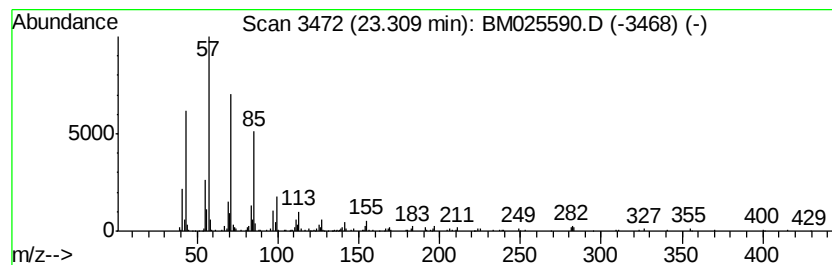
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	3.00 ng/ul	463074	Perylene-d12	23.38

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		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025590.D
Acq On : 16 Mar 2020 21:08
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Sample : L1840-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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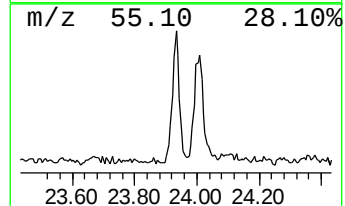
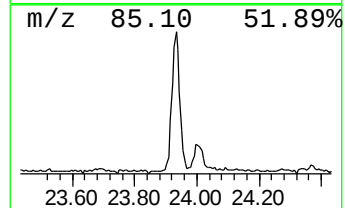
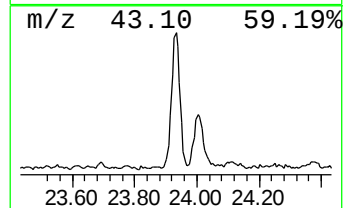
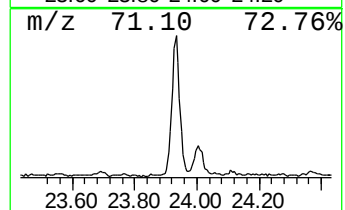
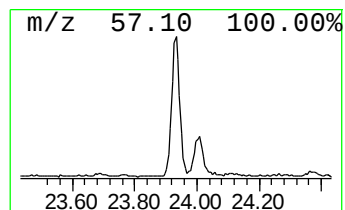
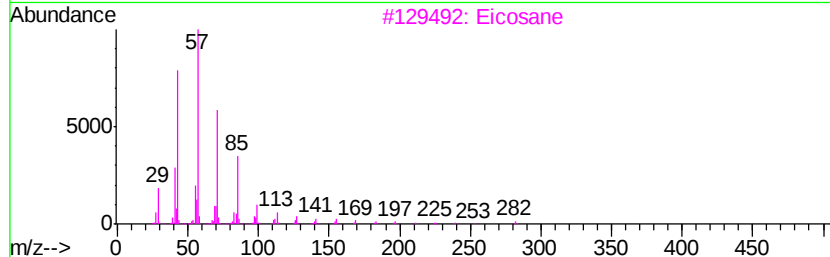
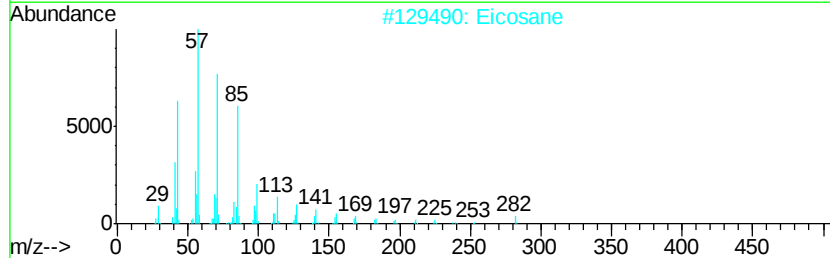
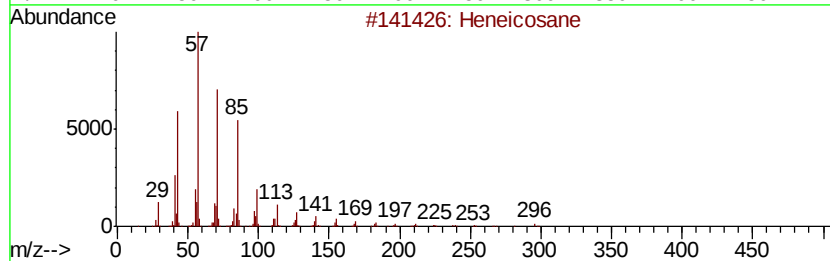
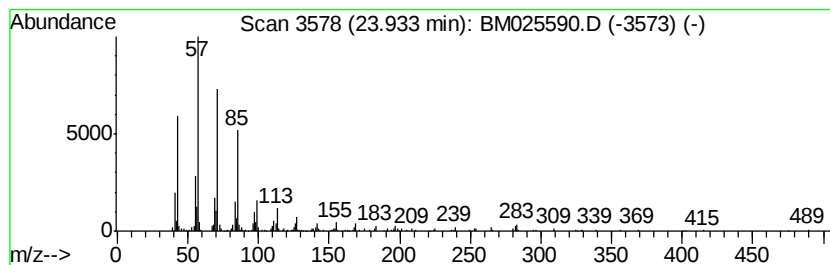
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.80 ng/ul	430939	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Eicosane	282	C20H42	000112-95-8	96
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
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Acq On : 16 Mar 2020 21:08
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Misc :
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ClientSampleId :
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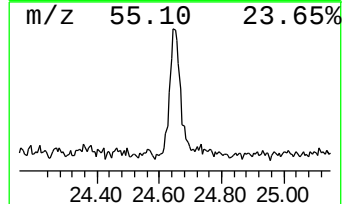
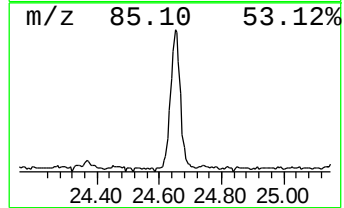
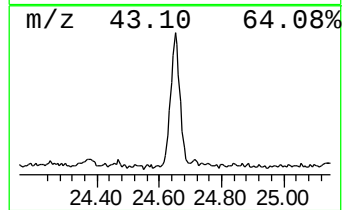
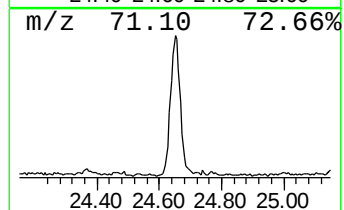
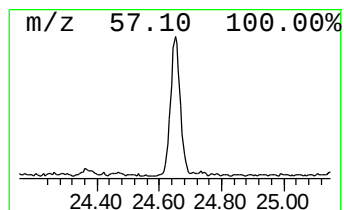
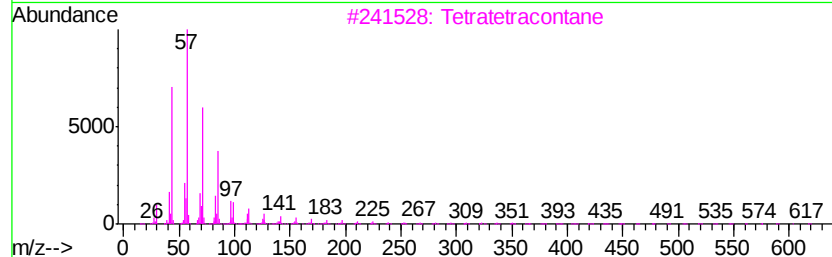
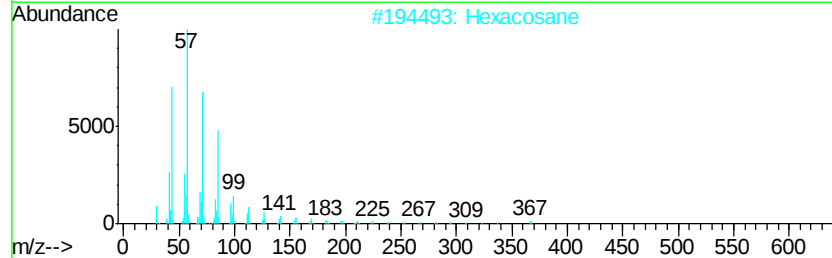
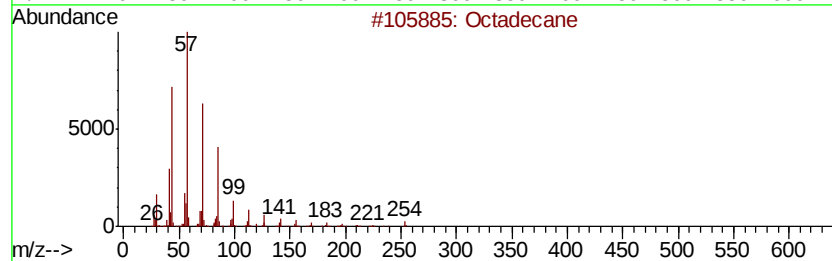
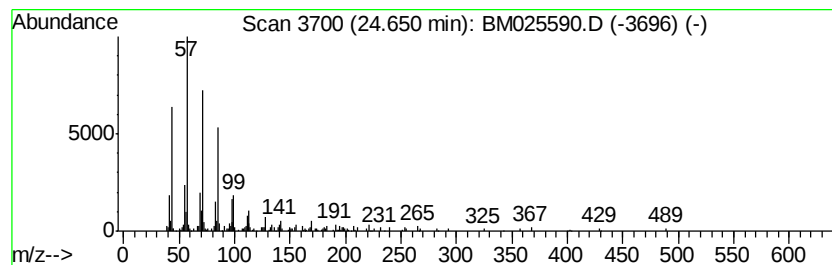
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.44 ng/ul	376014	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Docosane	310	C22H46	000629-97-0	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025590.D
Acq On : 16 Mar 2020 21:08
Operator : CG/JU
Sample : L1840-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBES7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
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Butanoic acid, 4-...	7.44	5.1	ng/ul	348071	1	7.64	1357410	20.0
n-Hexadecanoic acid	17.93	3.0	ng/ul	377352	4	17.02	2526310	20.0
(DEL) Alkane: Cyc...	20.94	5.8	ng/ul	860523	5	21.20	2981270	20.0
(DEL) Alkane: Str...	22.76	2.1	ng/ul	318819	6	23.38	3082530	20.0
(DEL) Alkane: Str...	23.31	3.0	ng/ul	463074	6	23.38	3082530	20.0
(DEL) Alkane: Str...	23.93	2.8	ng/ul	430939	6	23.38	3082530	20.0
(DEL) Alkane: Str...	24.65	2.4	ng/ul	376014	6	23.38	3082530	20.0