

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
 Data File : BP001831.D
 Acq On : 21 Feb 2020 19:37
 Operator : CG/JU
 Sample : L1506-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBCY3

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_P\METHODS\SOM-EPA-BP021820MA.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	2.922	3	6	22	rVB	580415	886188	6.44%	0.656%
2	3.170	45	48	58	rVB	77447	116897	0.85%	0.087%
3	3.452	94	96	105	rBV3	8711	18159	0.13%	0.013%
4	3.905	168	173	178	rBV2	13598	22297	0.16%	0.017%
5	4.393	251	256	261	rVB	19390	33392	0.24%	0.025%
6	4.799	321	325	331	rVB2	18755	30735	0.22%	0.023%
7	6.834	663	671	685	rVB	1544868	2558729	18.59%	1.894%
8	6.993	691	698	706	rBV	1338659	2056573	14.94%	1.522%
9	7.187	724	731	742	rBV	1726469	2774378	20.16%	2.053%
10	7.458	773	777	784	rVB	9427	16907	0.12%	0.013%
11	7.652	803	810	820	rBV	1301170	2057841	14.95%	1.523%
12	7.734	820	824	830	rVB2	11438	17362	0.13%	0.013%
13	8.357	923	930	941	rBV	2102526	3339441	24.26%	2.471%
14	8.793	997	1004	1015	rBV	1573821	2596825	18.87%	1.922%
15	9.287	1082	1088	1094	rVB	49427	77039	0.56%	0.057%
16	9.516	1117	1127	1135	rBV	1316316	2198938	15.98%	1.627%
17	10.052	1210	1218	1231	rBV	2265672	3714206	26.99%	2.749%
18	10.428	1274	1282	1290	rBV	1867262	3120023	22.67%	2.309%
19	10.557	1296	1304	1321	rBV	2153298	3692212	26.83%	2.732%
20	12.022	1546	1553	1559	rBV	40893	70865	0.51%	0.052%
21	13.210	1748	1755	1761	rBV2	35155	64200	0.47%	0.048%
22	13.704	1832	1839	1844	rBV	4193611	5846142	42.47%	4.327%
23	13.751	1844	1847	1855	rVB	565831	728702	5.29%	0.539%
24	13.981	1877	1886	1898	rBV	4693300	7293015	52.99%	5.397%
25	14.287	1931	1938	1946	rBV	3043474	4504647	32.73%	3.334%
26	14.487	1962	1972	1983	rBV	1888102	2712450	19.71%	2.007%
27	14.716	2006	2011	2021	rVB3	27669	46128	0.34%	0.034%
28	14.922	2039	2046	2056	rVB3	12530	32470	0.24%	0.024%
29	15.122	2075	2080	2085	rBV3	11699	19193	0.14%	0.014%
30	15.181	2085	2090	2094	rVB4	11362	15694	0.11%	0.012%
31	15.287	2101	2108	2121	rBV	6307827	9135922	66.38%	6.761%
32	15.404	2122	2128	2144	rBV	1702881	2402516	17.46%	1.778%
33	15.528	2144	2149	2155	rVB	78569	113365	0.82%	0.084%
34	15.681	2170	2175	2180	rVB	72350	102437	0.74%	0.076%

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35	15.957	2217	2222	2225	rBV7	8453	14771	0.11%	0.011%
36	16.075	2238	2242	2248	rVB2	26704	39376	0.29%	0.029%
37	16.475	2307	2310	2314	rBV5	10092	14231	0.10%	0.011%
38	16.722	2349	2352	2361	rVB2	16912	24784	0.18%	0.018%
39	16.828	2365	2370	2380	rVB4	21871	59742	0.43%	0.044%
40	17.039	2399	2406	2416	rVB	3920829	5728905	41.62%	4.240%
41	17.139	2416	2423	2435	rBV	6891746	9846116	71.54%	7.287%
42	17.245	2437	2441	2447	rVV5	24913	38183	0.28%	0.028%
43	17.839	2539	2542	2550	rBV6	21343	40413	0.29%	0.030%
44	17.969	2558	2564	2567	rBV	654330	903867	6.57%	0.669%
45	17.998	2567	2569	2579	rVB2	154584	291458	2.12%	0.216%
46	18.251	2608	2612	2620	rVB	42170	67938	0.49%	0.050%
47	18.798	2702	2705	2712	rVB5	39408	54873	0.40%	0.041%
48	18.922	2723	2726	2730	rBV4	22781	26750	0.19%	0.020%
49	18.975	2732	2735	2738	rVV3	27821	32418	0.24%	0.024%
50	19.028	2738	2744	2748	rVV	94008	137958	1.00%	0.102%
51	19.204	2770	2774	2781	rBV	90407	143480	1.04%	0.106%
52	19.275	2782	2786	2795	rVB2	91660	155379	1.13%	0.115%
53	19.386	2798	2805	2811	rVV	8787767	12327828	89.57%	9.123%
54	19.910	2890	2894	2899	rBV	77723	114029	0.83%	0.084%
55	20.874	3053	3058	3073	rBV	2824508	3579118	26.00%	2.649%
56	21.133	3096	3102	3112	rBV	5621462	7208512	52.37%	5.335%
57	21.245	3115	3121	3128	rVV2	306177	552366	4.01%	0.409%
58	21.310	3129	3132	3141	rVB	204248	266521	1.94%	0.197%
59	21.751	3202	3207	3216	rBV2	357686	575282	4.18%	0.426%
60	22.192	3277	3282	3288	rBV2	743854	1573662	11.43%	1.165%
61	22.333	3302	3306	3313	rVB	588279	774121	5.62%	0.573%
62	22.716	3367	3371	3375	rBV	666095	955881	6.94%	0.707%
63	23.204	3447	3454	3463	rBV	7194979	13763864	100.00%	10.186%
64	23.286	3463	3468	3472	rVV	671572	1162636	8.45%	0.860%
65	23.345	3472	3478	3496	rVB	4114449	7778118	56.51%	5.756%
66	23.939	3573	3579	3585	rBV	617028	1156484	8.40%	0.856%
67	24.010	3586	3591	3605	rVB	674535	1423997	10.35%	1.054%
68	24.692	3702	3707	3714	rVB	357635	755501	5.49%	0.559%
69	25.574	3852	3857	3868	rVB2	230954	565028	4.11%	0.418%
70	25.704	3874	3879	3892	rVB3	214751	552761	4.02%	0.409%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

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Title : SVOA CALIBRATION

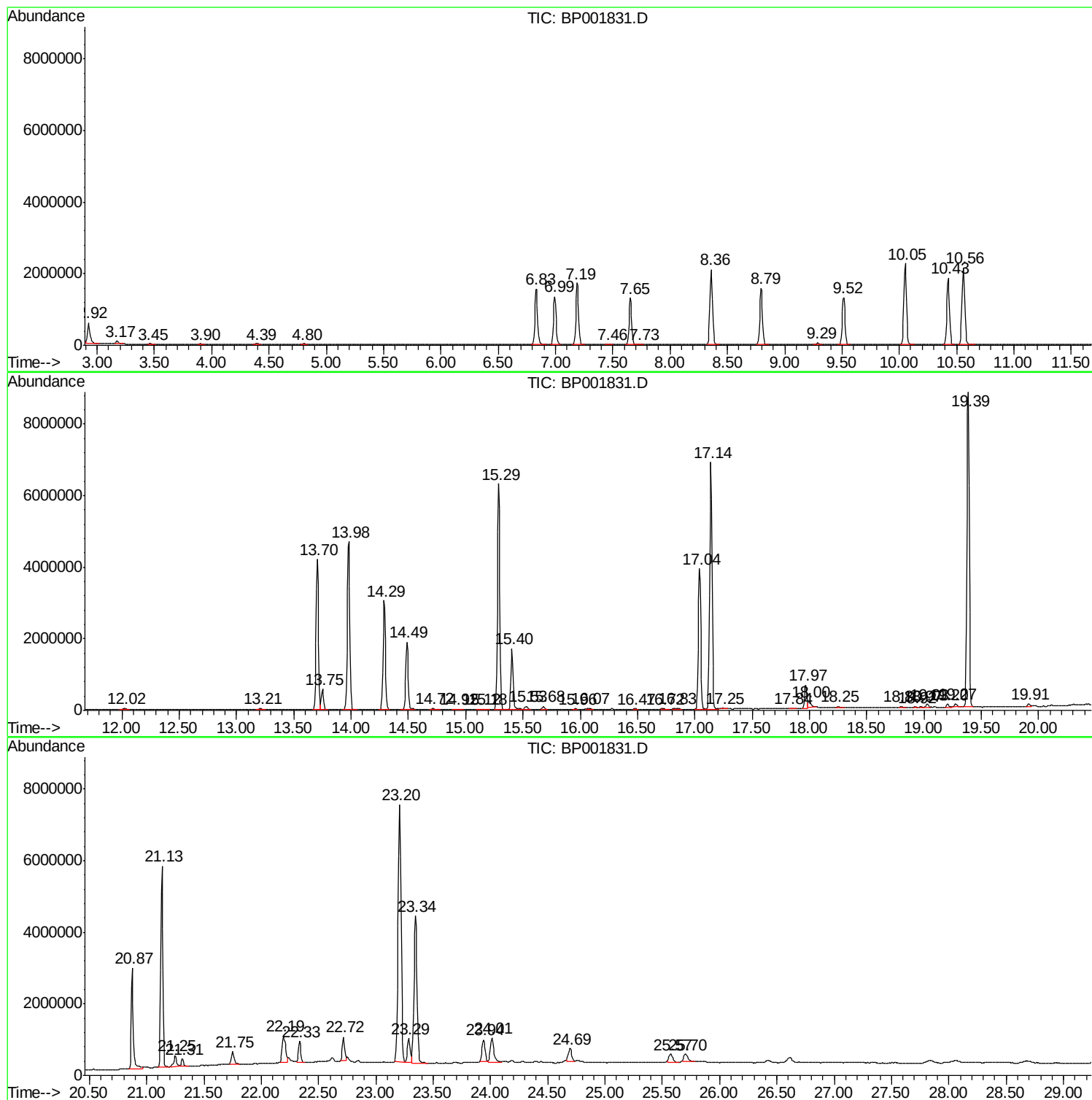
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



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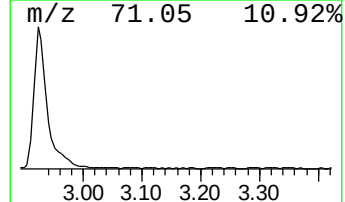
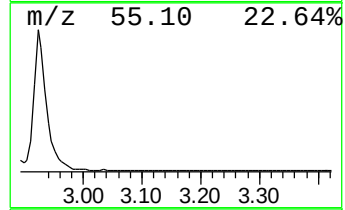
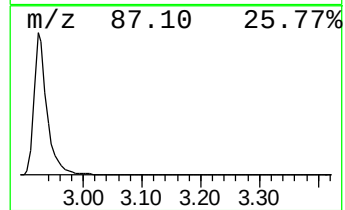
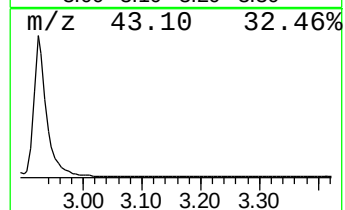
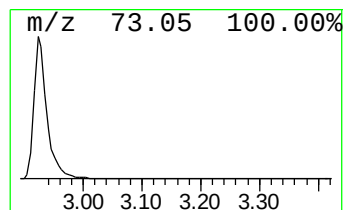
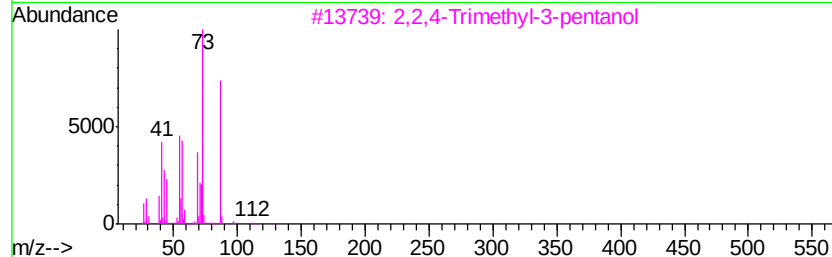
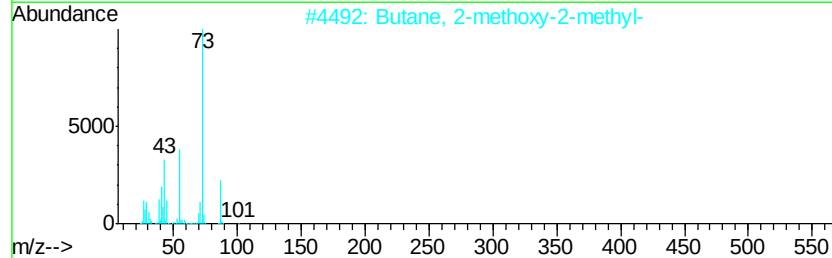
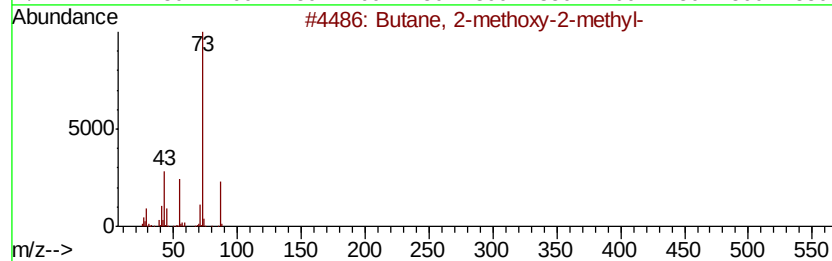
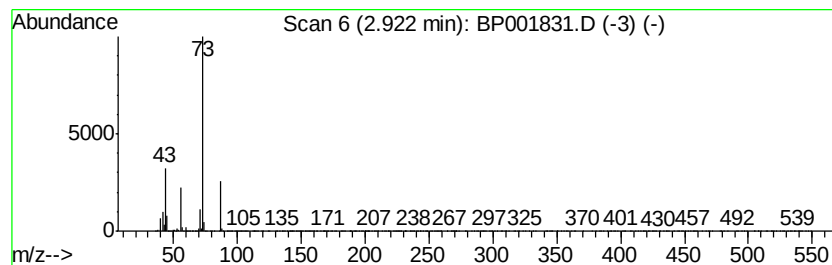
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.61 ng/ul	886188	1,4-Dichlorobenzene-d4	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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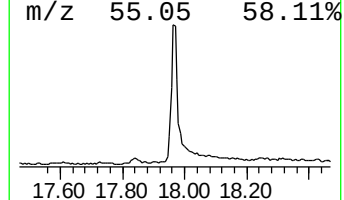
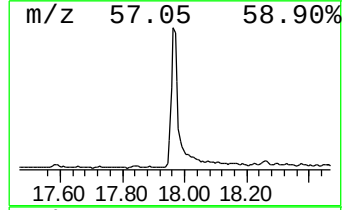
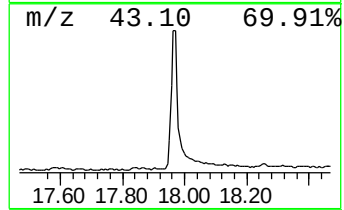
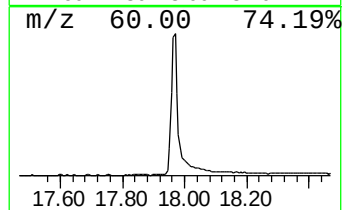
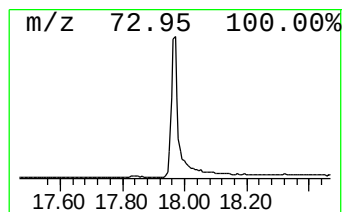
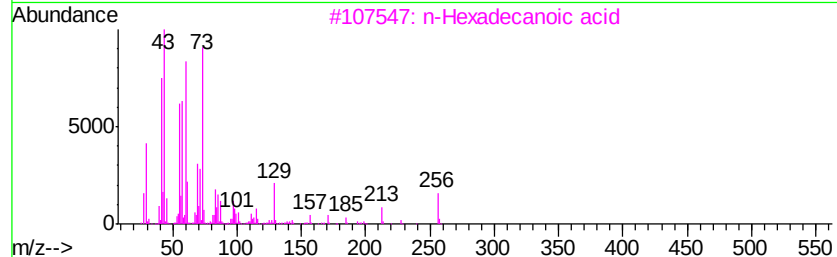
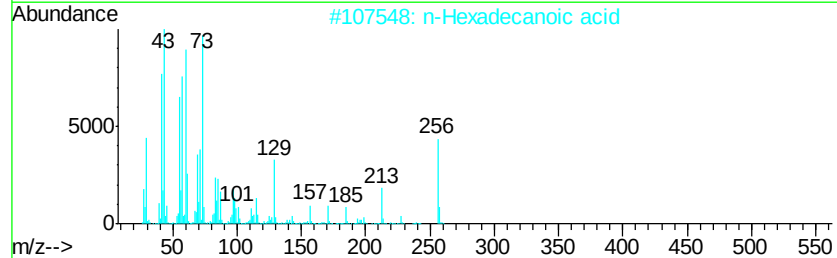
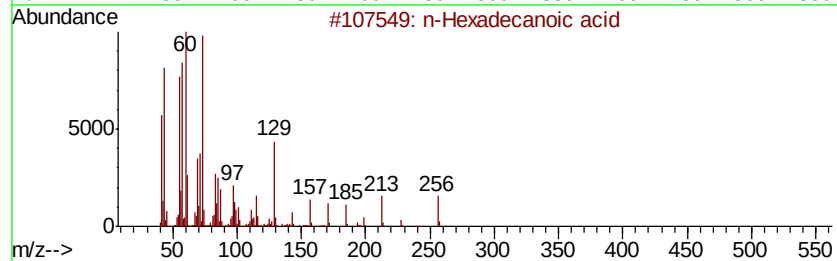
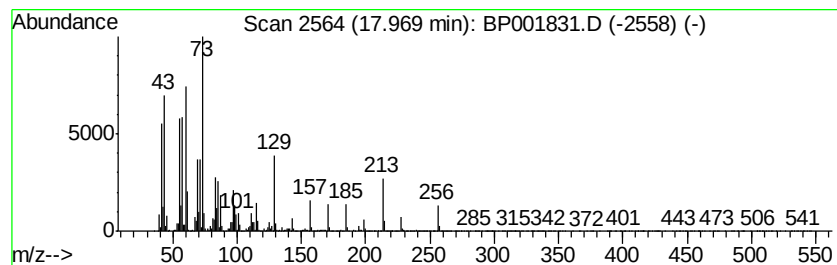
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.16 ng/ul	903867	Phenanthrene-d10	17.04

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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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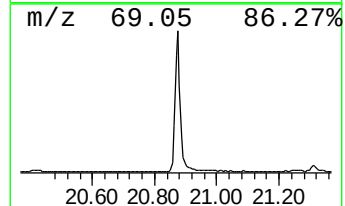
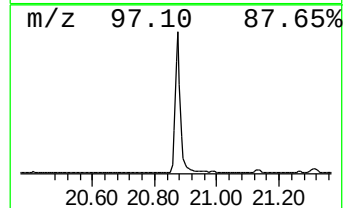
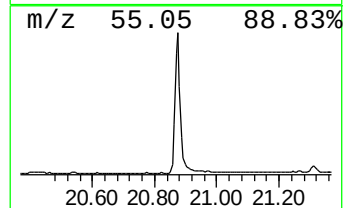
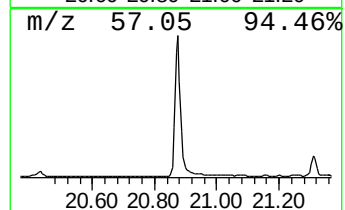
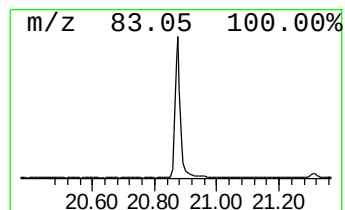
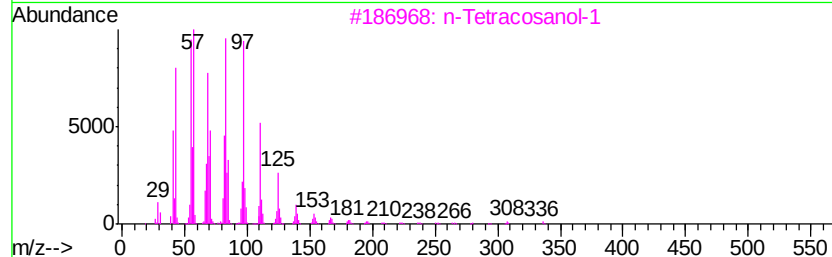
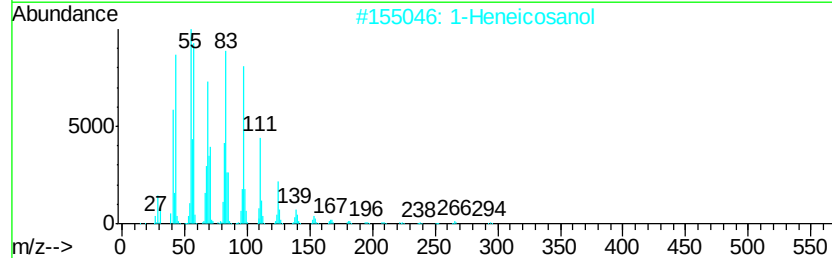
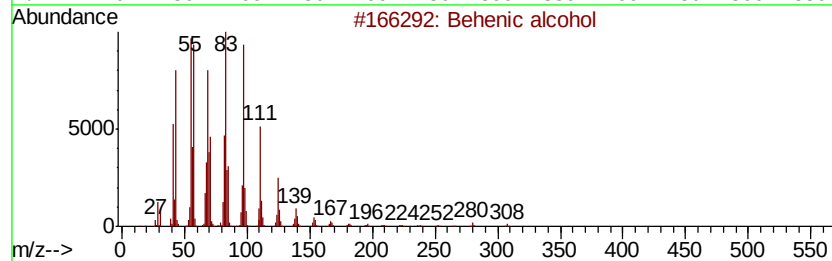
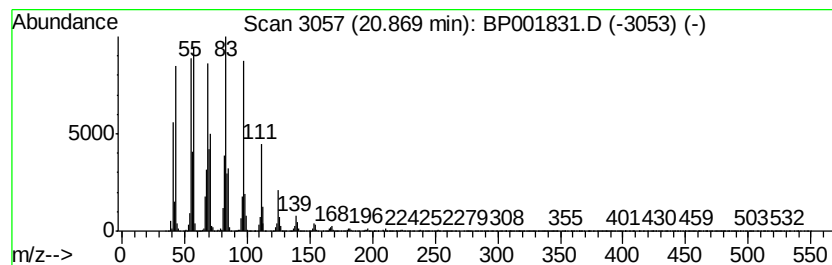
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	9.93 ng/ul	3579120	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		1-Heneicosanol	312 C21H44O	015594-90-8 94
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 94
5		Cyclopentadecane	210 C15H30	000295-48-7 93



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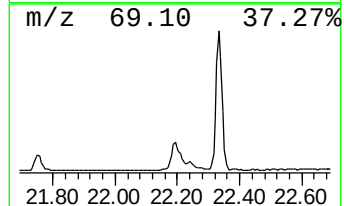
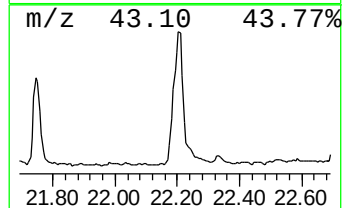
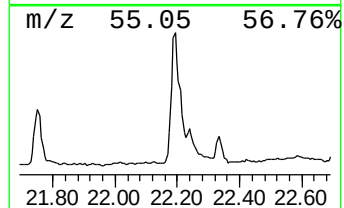
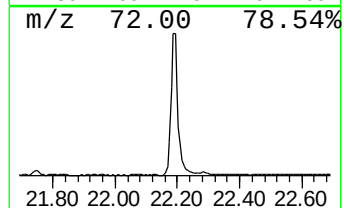
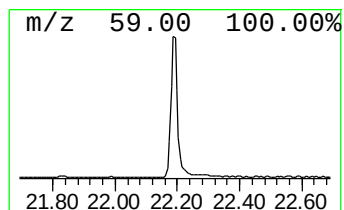
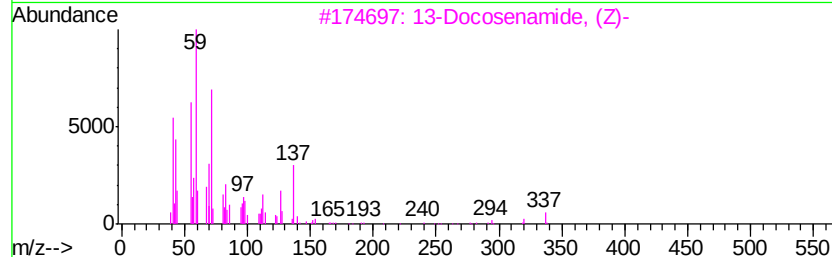
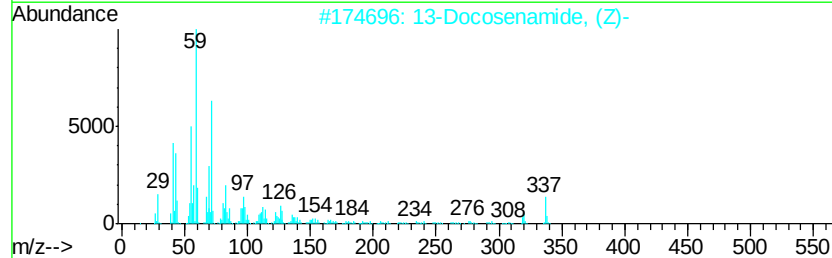
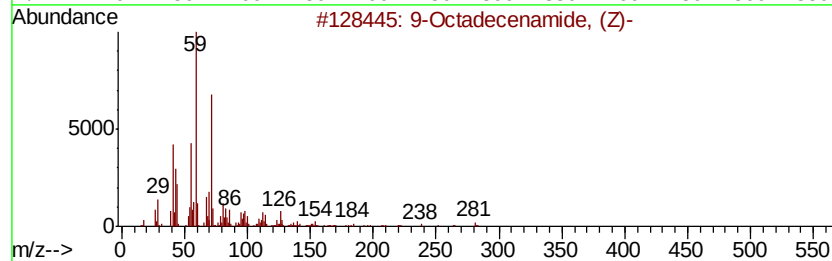
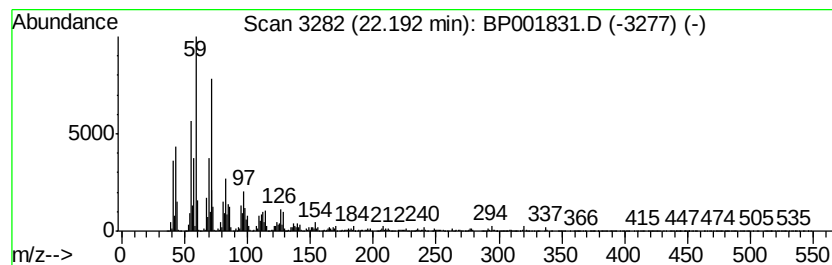
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	4.37 ng/ul	1573660	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001831.D
Acq On : 21 Feb 2020 19:37
Operator : CG/JU
Sample : L1506-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY3

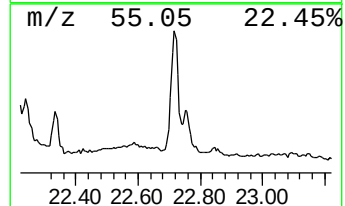
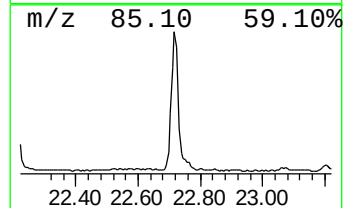
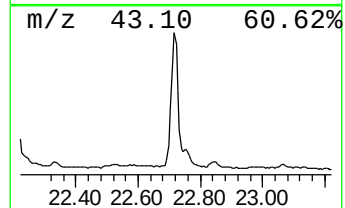
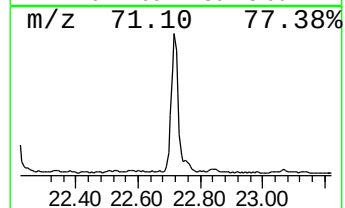
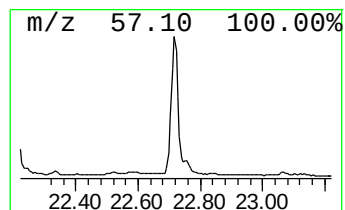
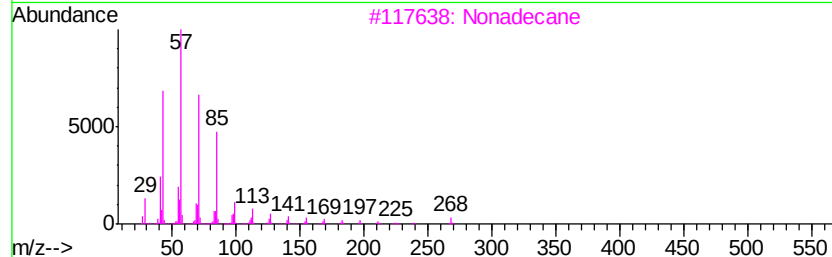
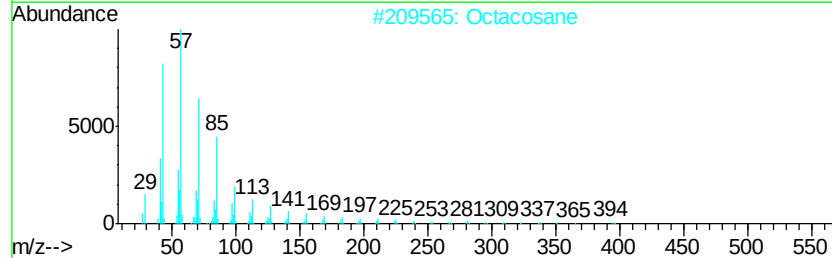
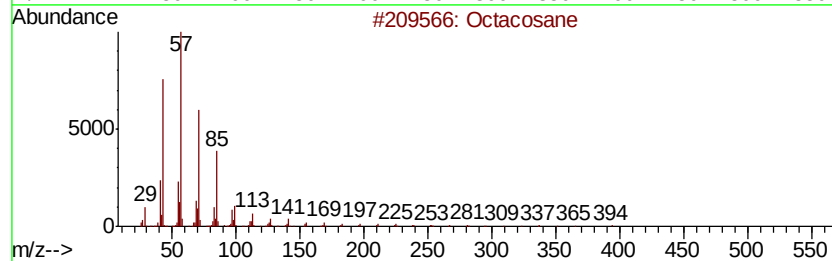
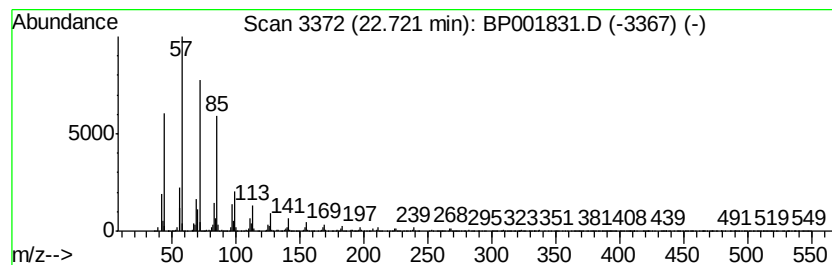
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Quant Title : SVOA CALIBRATION

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.
22.72	2.46 ng/ul	955881	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Octacosane	394	C28H58	000630-02-4	96
3		Nonadecane	268	C19H40	000629-92-5	94
4		Hentriacontane	437	C31H64	000630-04-6	93
5		Hexadecane	226	C16H34	000544-76-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001831.D
Acq On : 21 Feb 2020 19:37
Operator : CG/JU
Sample : L1506-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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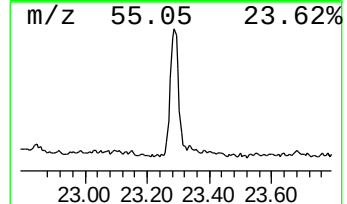
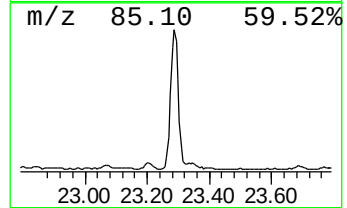
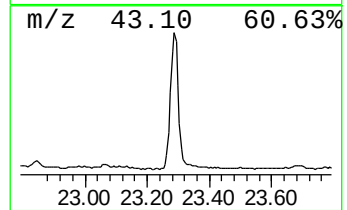
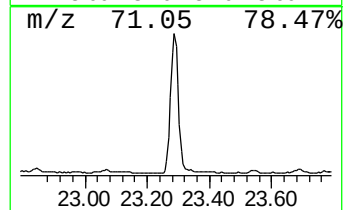
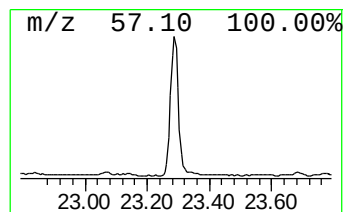
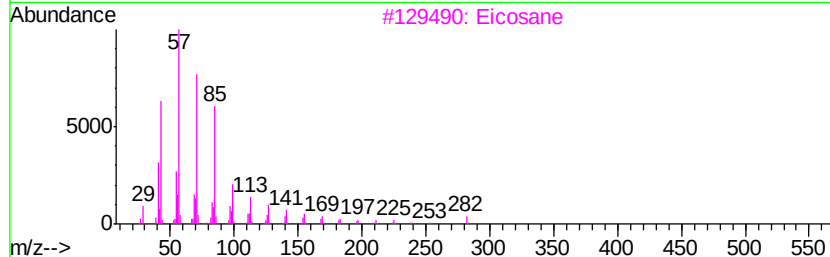
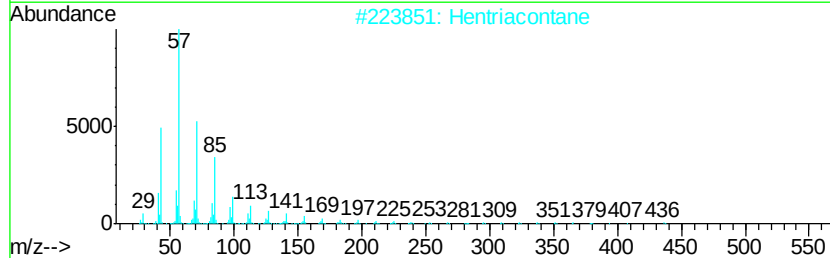
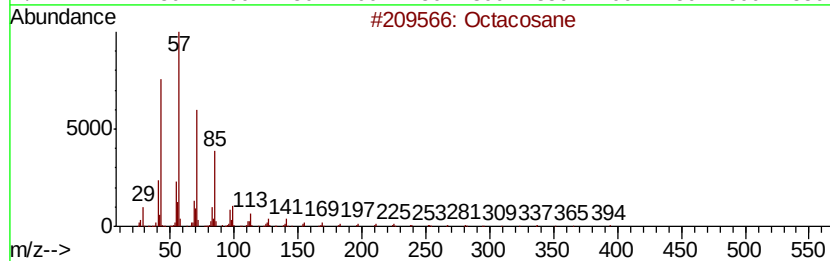
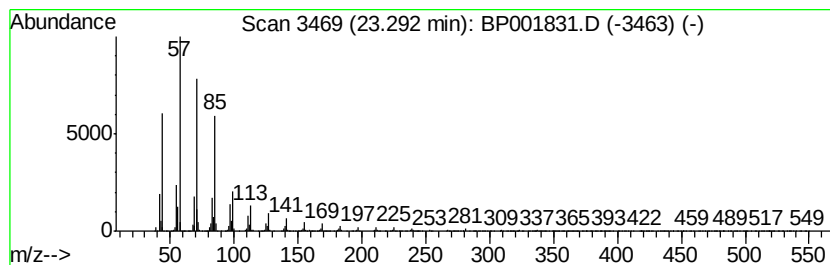
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.99 ng/ul	1162640	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Hentriacontane	437	C31H64	000630-04-6	95
3		Eicosane	282	C20H42	000112-95-8	94
4		Heptadecane	240	C17H36	000629-78-7	94
5		Octacosane	394	C28H58	000630-02-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001831.D
Acq On : 21 Feb 2020 19:37
Operator : CG/JU
Sample : L1506-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY3

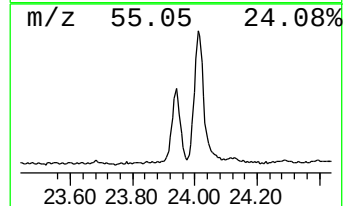
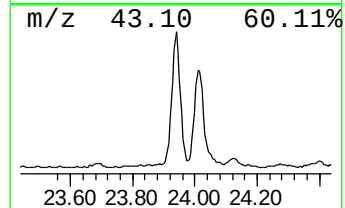
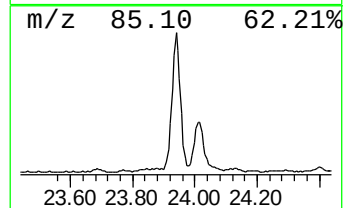
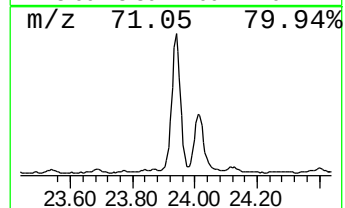
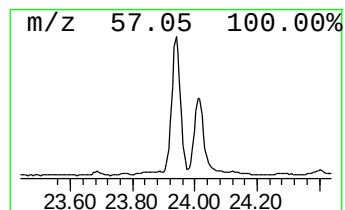
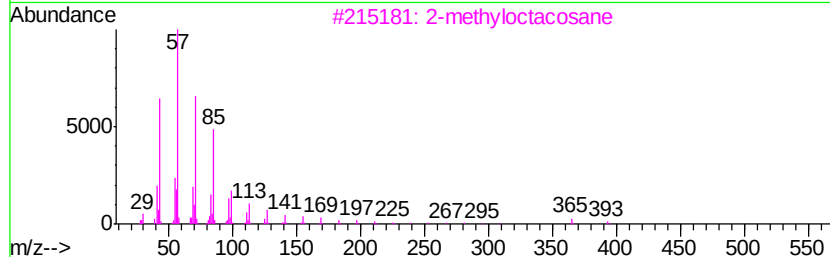
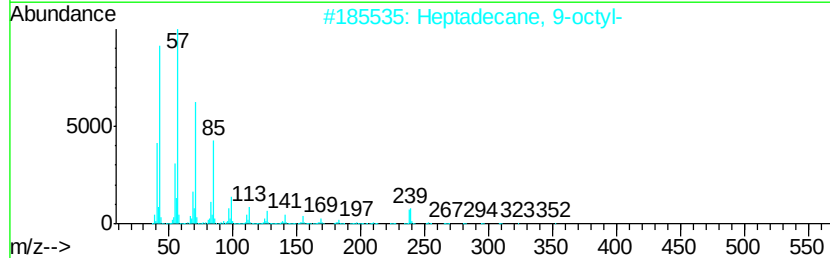
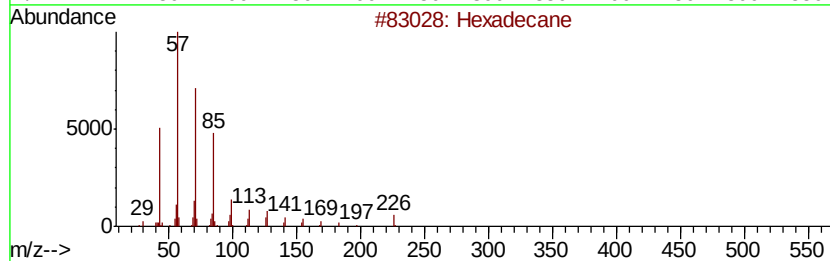
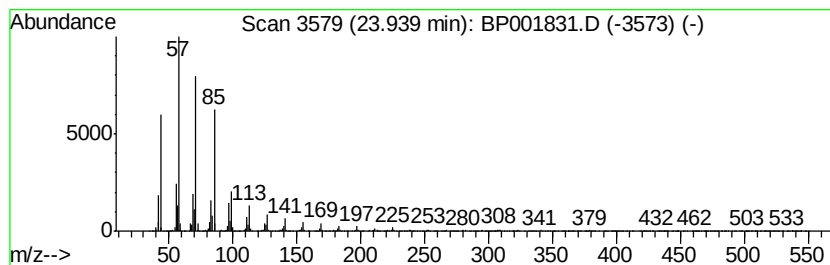
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.97 ng/ul	1156480	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001831.D
Acq On : 21 Feb 2020 19:37
Operator : CG/JU
Sample : L1506-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY3

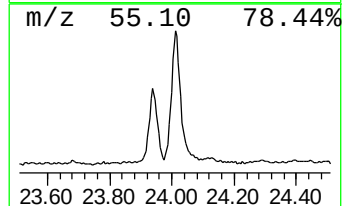
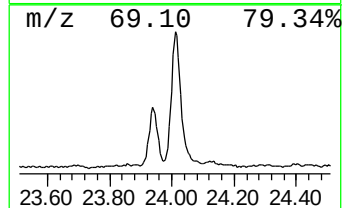
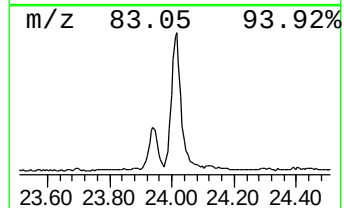
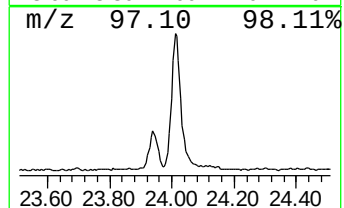
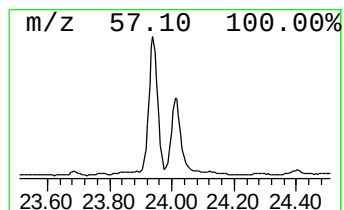
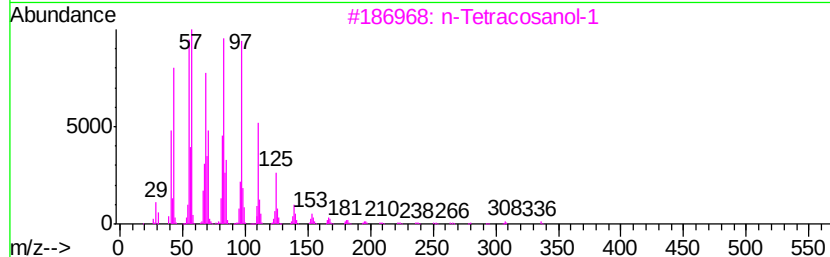
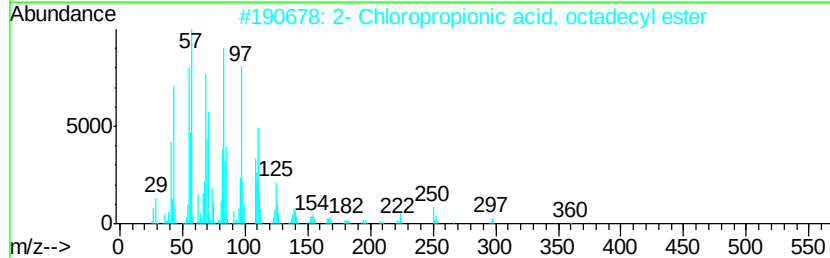
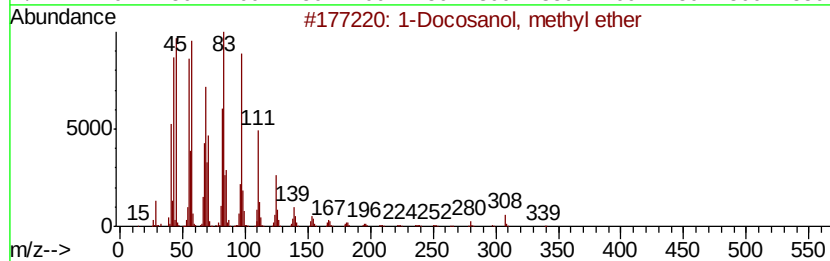
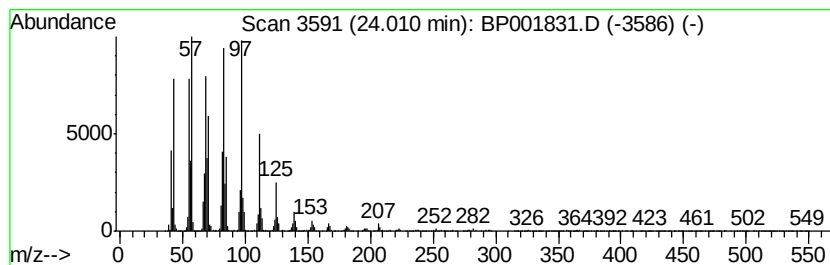
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Docosanol, methyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.66 ng/ul	1424000	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	97
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	94
5		Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001831.D
Acq On : 21 Feb 2020 19:37
Operator : CG/JU
Sample : L1506-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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...	2.92	8.6	ng/ul	886188	1	7.65	2057840	20.0
n-Hexadecanoic acid	17.97	3.2	ng/ul	903867	4	17.04	5728910	20.0
Behenic alcohol	20.87	9.9	ng/ul	3579120	5	21.13	7208510	20.0
9-Octadecenamide,...	22.19	4.4	ng/ul	1573660	5	21.13	7208510	20.0
(DEL) Alkane: Str...	22.72	2.5	ng/ul	955881	6	23.34	7778120	20.0
(DEL) Alkane: Str...	23.29	3.0	ng/ul	1162640	6	23.34	7778120	20.0
(DEL) Alkane: Str...	23.94	3.0	ng/ul	1156480	6	23.34	7778120	20.0
1-Docosanol, meth...	24.01	3.7	ng/ul	1424000	6	23.34	7778120	20.0