

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
 Data File : BP001837.D
 Acq On : 21 Feb 2020 23:33
 Operator : CG/JU
 Sample : L1506-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBCY8

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	25	rVB	552486	864784	6.54%	0.644%
2	3.175	44	49	60	rVB	84632	138880	1.05%	0.103%
3	3.446	93	95	107	rVB2	13182	24458	0.18%	0.018%
4	3.905	169	173	179	rVB	12617	20776	0.16%	0.015%
5	4.122	206	210	217	rBV	22822	39407	0.30%	0.029%
6	4.393	249	256	262	rBV	14160	29845	0.23%	0.022%
7	4.528	274	279	284	rBV	18461	28424	0.21%	0.021%
8	4.799	321	325	333	rVB	19045	31972	0.24%	0.024%
9	5.022	359	363	370	rBV4	8751	19187	0.15%	0.014%
10	6.369	586	592	599	rVB	49666	78066	0.59%	0.058%
11	6.628	630	636	640	rBV4	21449	37239	0.28%	0.028%
12	6.828	663	670	682	rBV	1642113	2714046	20.52%	2.022%
13	6.993	691	698	712	rBV	1378938	2101981	15.89%	1.566%
14	7.111	712	718	723	rBV	110766	169097	1.28%	0.126%
15	7.187	724	731	742	rVB	1788474	2858375	21.61%	2.130%
16	7.575	791	797	803	rBV	64732	102728	0.78%	0.077%
17	7.652	803	810	820	rVV	1337439	2092822	15.83%	1.559%
18	7.734	820	824	830	rVV3	10596	17281	0.13%	0.013%
19	7.893	844	851	856	rBV3	17753	31493	0.24%	0.023%
20	8.358	923	930	944	rBV	2256150	3497561	26.45%	2.606%
21	8.793	997	1004	1016	rBV	1621266	2653668	20.07%	1.977%
22	8.981	1031	1036	1042	rVB5	8632	13760	0.10%	0.010%
23	9.287	1081	1088	1096	rVB	60132	96736	0.73%	0.072%
24	9.516	1118	1127	1135	rBV	1353247	2239134	16.93%	1.668%
25	9.575	1135	1137	1145	rVB9	8708	14292	0.11%	0.011%
26	10.052	1203	1218	1235	rBV	2369500	3888970	29.41%	2.898%
27	10.428	1273	1282	1292	rBV	1913090	3171391	23.98%	2.363%
28	10.557	1295	1304	1317	rBV	2158262	3699346	27.97%	2.756%
29	12.022	1546	1553	1562	rVB2	43051	75250	0.57%	0.056%
30	12.675	1653	1664	1668	rBV9	7646	16966	0.13%	0.013%
31	13.040	1717	1726	1733	rBV2	60703	102436	0.77%	0.076%
32	13.098	1733	1736	1739	rVB5	14440	18476	0.14%	0.014%
33	13.187	1745	1751	1760	rVB2	268437	428330	3.24%	0.319%
34	13.316	1766	1773	1777	rVB9	8325	15821	0.12%	0.012%

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35	13.628	1822	1826	1832	rVB7	16260	23169	0.18%	0.017%
36	13.704	1832	1839	1844	rBV	4158274	5910198	44.69%	4.403%
37	13.751	1844	1847	1854	rVB	609742	794034	6.00%	0.592%
38	13.910	1867	1874	1878	rBV9	8259	15734	0.12%	0.012%
39	13.981	1878	1886	1897	rBV	4699748	7331258	55.44%	5.462%
40	14.145	1908	1914	1922	rBV5	33055	61189	0.46%	0.046%
41	14.234	1922	1929	1932	rBV4	9352	17518	0.13%	0.013%
42	14.293	1932	1939	1947	rVB	2990879	4575578	34.60%	3.409%
43	14.381	1949	1954	1960	rBV	71201	111688	0.84%	0.083%
44	14.487	1965	1972	1982	rBV	1984356	2794360	21.13%	2.082%
45	14.587	1984	1989	1993	rVV	114991	167466	1.27%	0.125%
46	14.622	1993	1995	1999	rVB5	12500	14131	0.11%	0.011%
47	14.716	2008	2011	2018	rVB8	11126	18980	0.14%	0.014%
48	15.122	2078	2080	2084	rVB3	12521	14222	0.11%	0.011%
49	15.192	2085	2092	2099	rBV3	39147	65625	0.50%	0.049%
50	15.287	2101	2108	2116	rBV	6458563	9177531	69.40%	6.838%
51	15.404	2122	2128	2144	rBV	1668951	2323044	17.57%	1.731%
52	15.528	2144	2149	2154	rBV	68456	101415	0.77%	0.076%
53	15.787	2187	2193	2200	rVB4	32124	65432	0.49%	0.049%
54	15.857	2201	2205	2207	rBV4	14038	18365	0.14%	0.014%
55	15.957	2214	2222	2226	rBV8	25677	47314	0.36%	0.035%
56	16.092	2239	2245	2252	rVB2	109703	168487	1.27%	0.126%
57	16.281	2274	2277	2281	rBV6	12562	22230	0.17%	0.017%
58	16.475	2307	2310	2313	rBV5	11008	17509	0.13%	0.013%
59	16.592	2327	2330	2339	rVB9	19829	25468	0.19%	0.019%
60	16.722	2349	2352	2358	rVB3	16948	24127	0.18%	0.018%
61	16.828	2366	2370	2381	rVB2	21329	54449	0.41%	0.041%
62	16.922	2383	2386	2392	rVB6	8848	16062	0.12%	0.012%
63	17.039	2400	2406	2416	rVV	4080941	5813245	43.96%	4.331%
64	17.139	2416	2423	2434	rVV2	6746340	9676413	73.17%	7.210%
65	17.245	2438	2441	2448	rVB8	19420	32681	0.25%	0.024%
66	17.845	2539	2543	2547	rBV4	35225	62362	0.47%	0.046%
67	17.904	2549	2553	2559	rVV	208132	297961	2.25%	0.222%
68	17.969	2559	2564	2579	rVV2	914481	1498090	11.33%	1.116%
69	18.222	2602	2607	2611	rBV	399004	546766	4.13%	0.407%
70	18.480	2645	2651	2655	rBV4	149177	314133	2.38%	0.234%
71	18.663	2676	2682	2684	rBV6	75691	156239	1.18%	0.116%

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72	18.763	2693	2699	2703	rBV5	137973	366757	2.77%	0.273%
73	19.028	2740	2744	2747	rBV	175853	254848	1.93%	0.190%
74	19.204	2772	2774	2782	rVB6	120712	196150	1.48%	0.146%
75	19.386	2799	2805	2824	rVB	8829461	12587131	95.18%	9.378%
76	20.875	3053	3058	3070	rBV	1746254	2362131	17.86%	1.760%
77	20.974	3072	3075	3084	rVB2	173212	268122	2.03%	0.200%
78	21.133	3096	3102	3111	rBV	5566771	7116482	53.81%	5.302%
79	21.245	3118	3121	3128	rBV	257295	382304	2.89%	0.285%
80	21.310	3129	3132	3136	rVB	106453	117697	0.89%	0.088%
81	21.751	3203	3207	3218	rVB3	246088	397507	3.01%	0.296%
82	22.186	3277	3281	3283	rBV2	361073	490855	3.71%	0.366%
83	22.333	3302	3306	3313	rVB	453604	606459	4.59%	0.452%
84	22.716	3367	3371	3375	rBV	393040	544533	4.12%	0.406%
85	23.210	3447	3455	3463	rBV	6893925	13224293	100.00%	9.853%
86	23.286	3464	3468	3472	rVV	410385	711728	5.38%	0.530%
87	23.345	3472	3478	3490	rVB2	3995504	7428193	56.17%	5.534%
88	23.939	3574	3579	3586	rBV	420595	789250	5.97%	0.588%
89	24.016	3586	3592	3605	rVB	388740	831095	6.28%	0.619%
90	25.568	3851	3856	3867	rVB2	298897	791108	5.98%	0.589%
91	26.421	3995	4001	4019	rVB5	343398	1042263	7.88%	0.777%

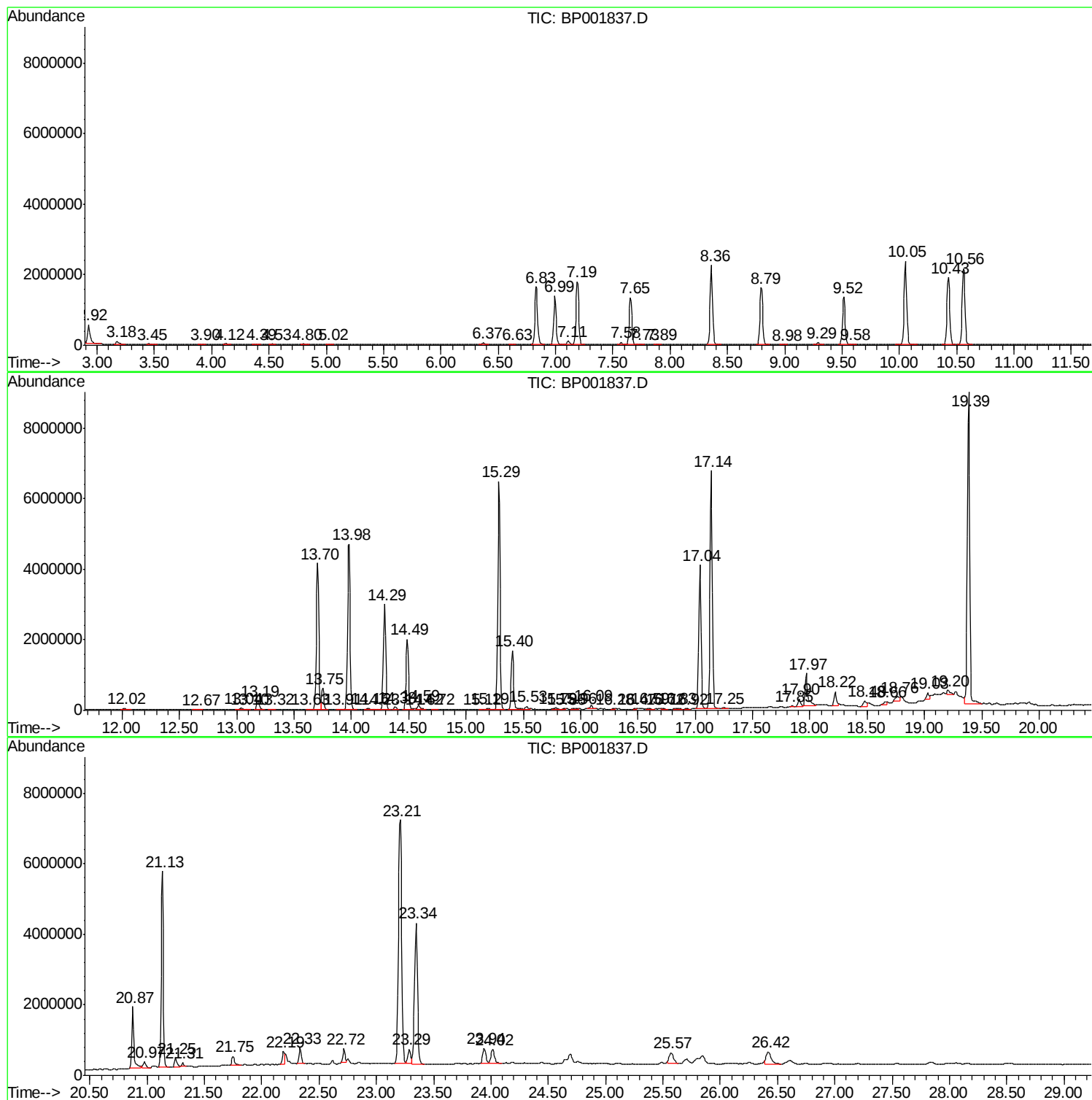
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



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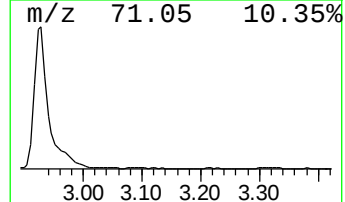
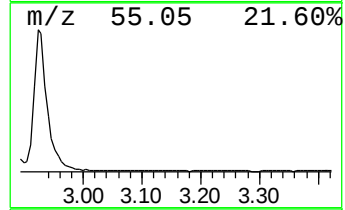
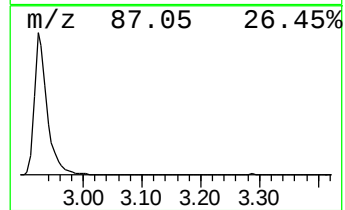
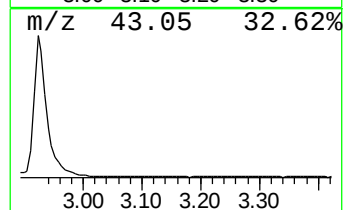
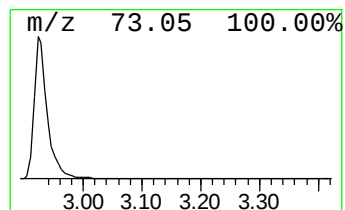
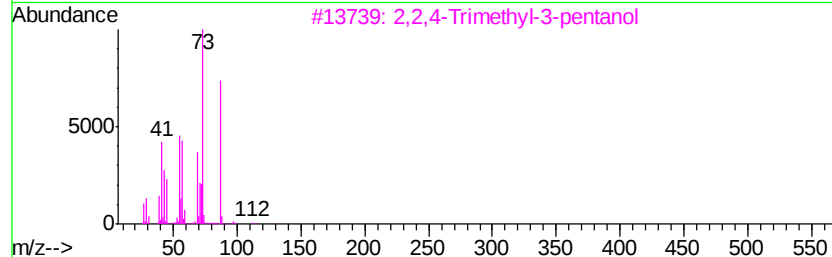
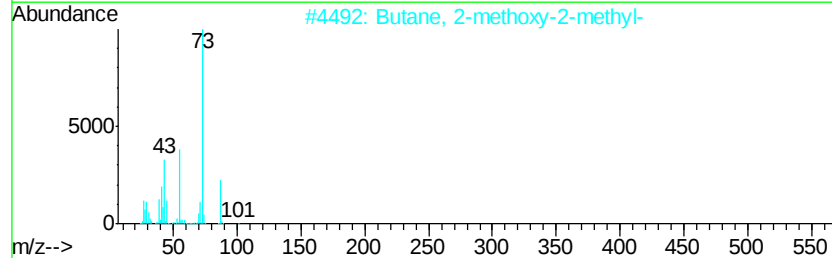
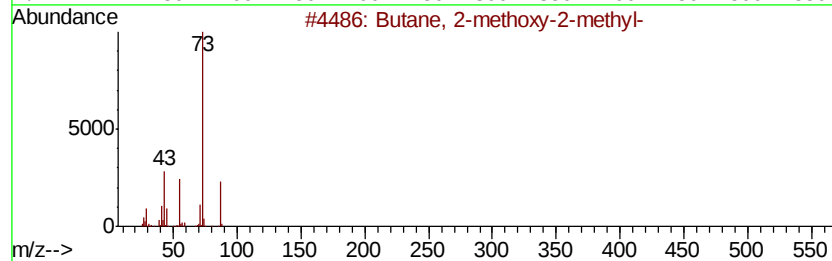
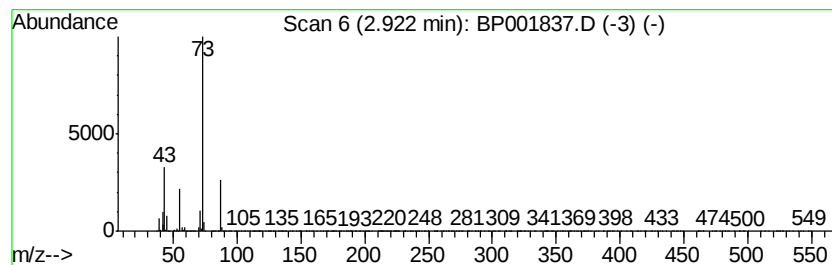
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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.
2.92	8.26 ng/ul	864784	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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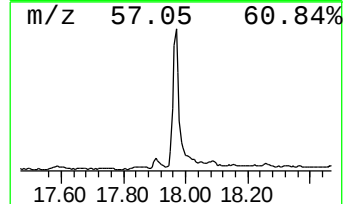
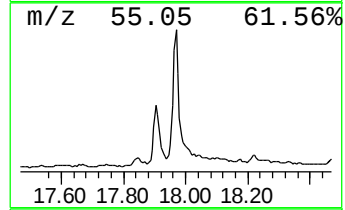
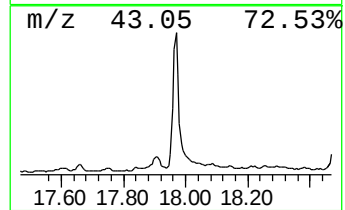
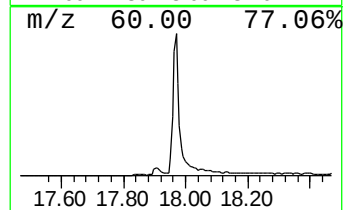
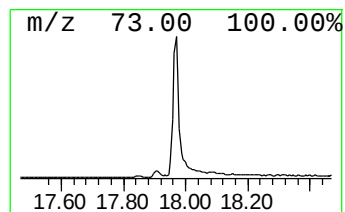
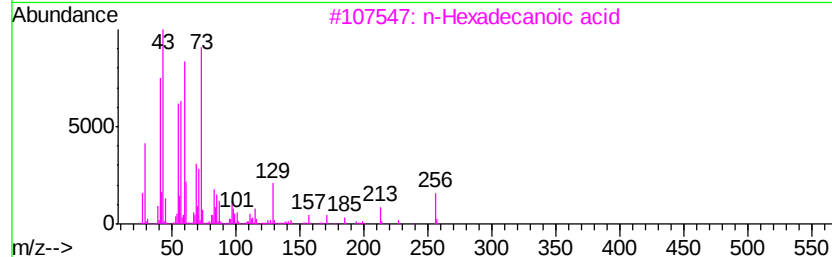
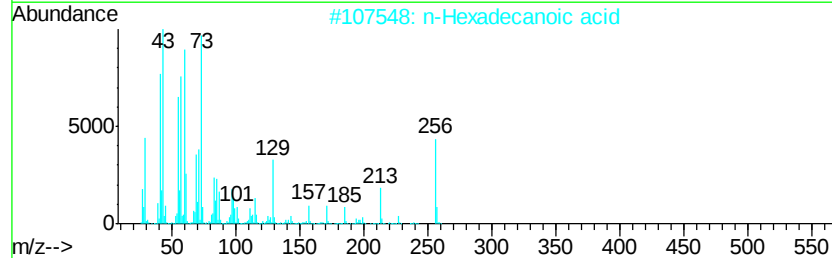
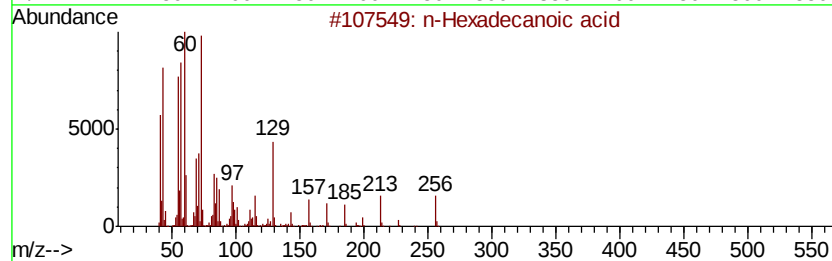
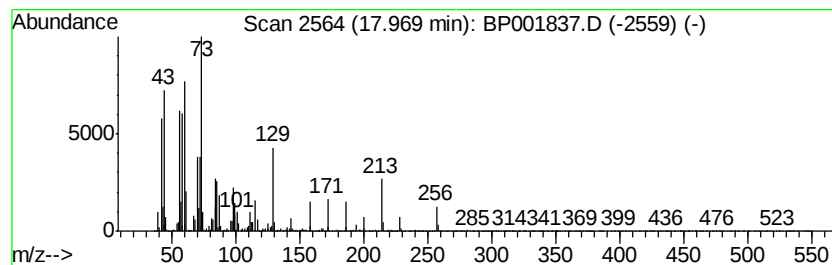
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.15 ng/ul	1498090	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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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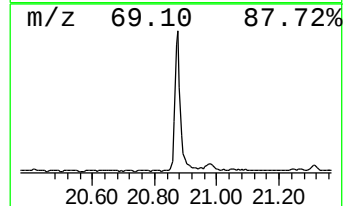
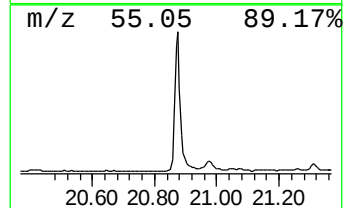
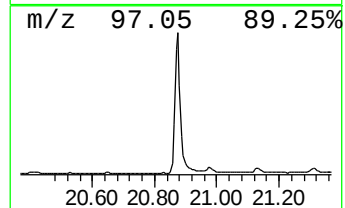
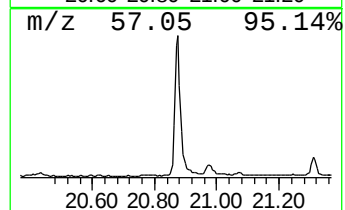
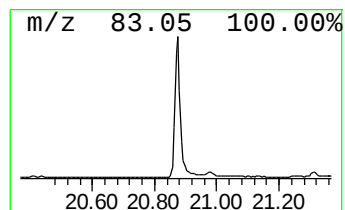
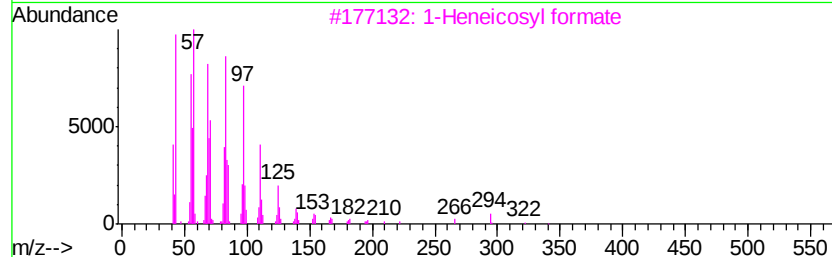
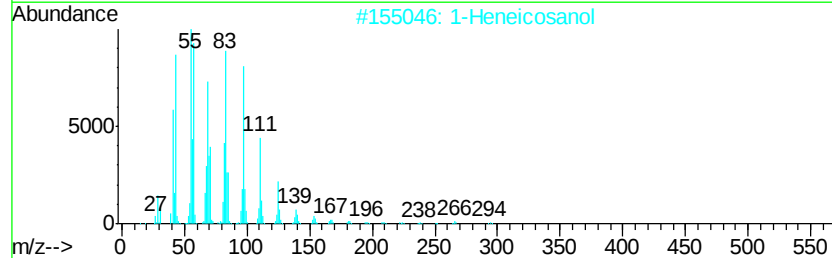
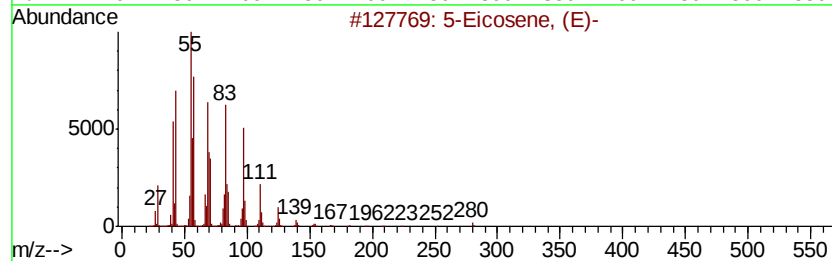
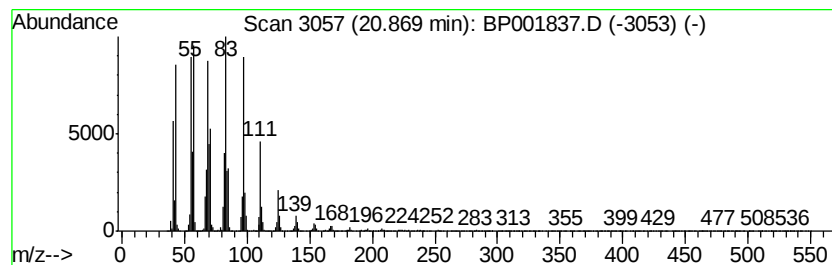
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.64 ng/ul	2362130	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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DBCY8

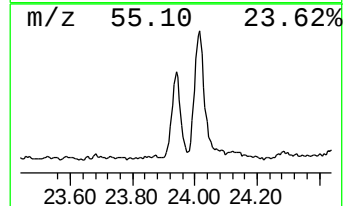
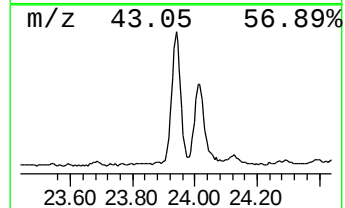
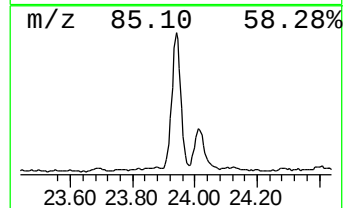
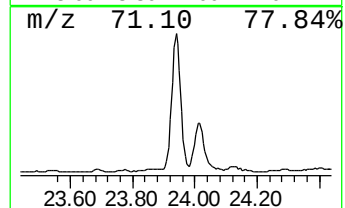
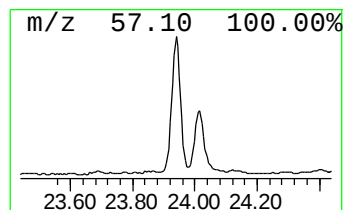
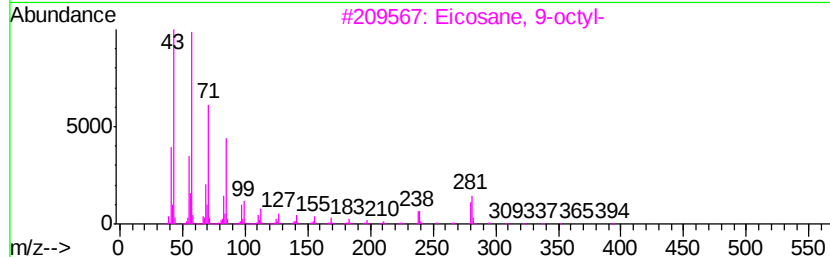
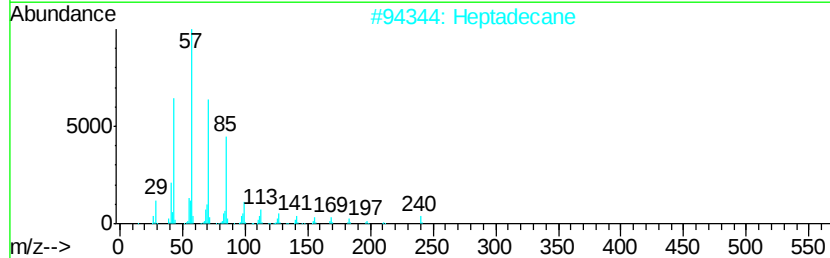
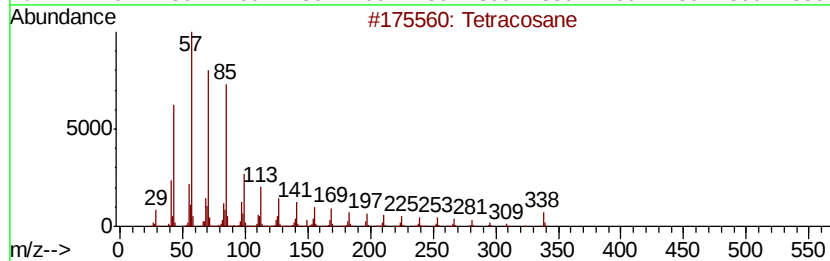
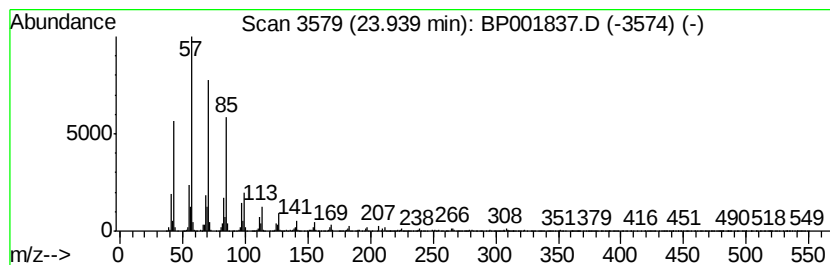
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.13 ng/ul	789250	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heptadecane	240	C17H36	000629-78-7	94
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001837.D
Acq On : 21 Feb 2020 23:33
Operator : CG/JU
Sample : L1506-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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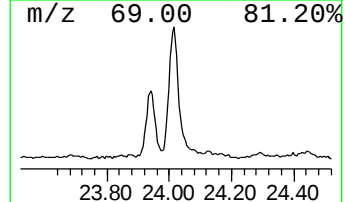
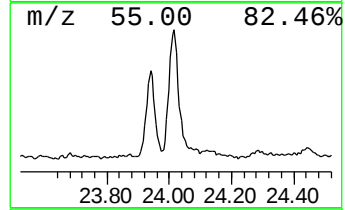
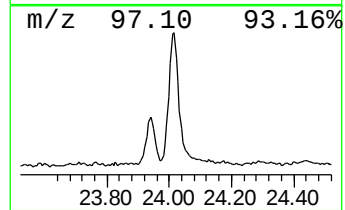
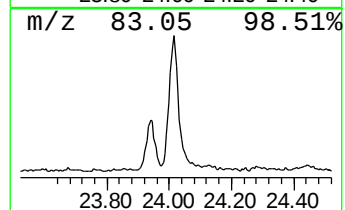
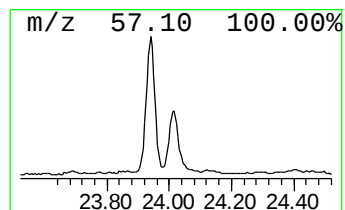
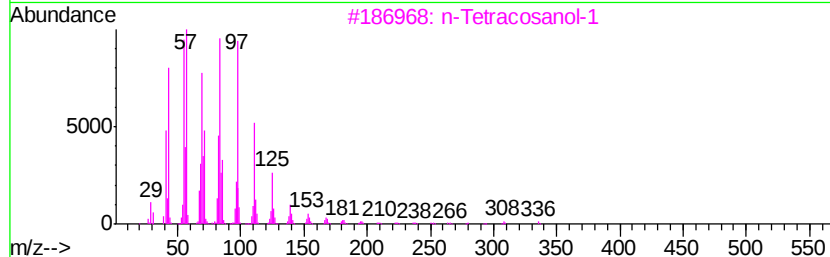
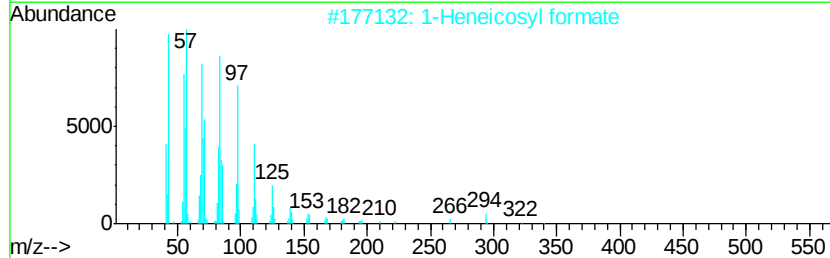
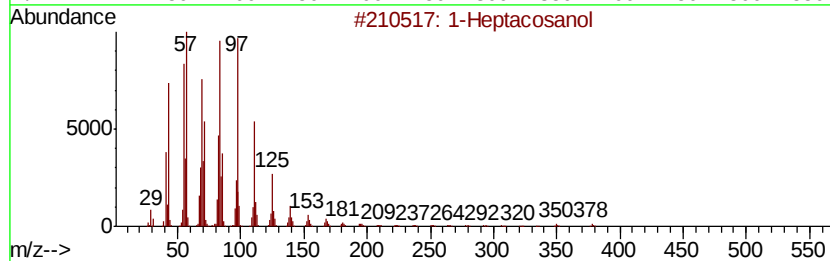
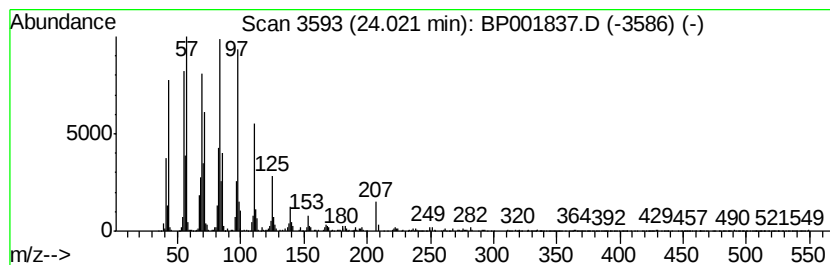
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.24 ng/ul	831095	Perylene-d12	23.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	1-Heneicosyl formate		340	C22H44O2	077899-03-7	93
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
4	Heptacosyl acetate		438	C29H58O2	1000351-78-2	90
5	Octacosanol		410	C28H58O	000557-61-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001837.D
Acq On : 21 Feb 2020 23:33
Operator : CG/JU
Sample : L1506-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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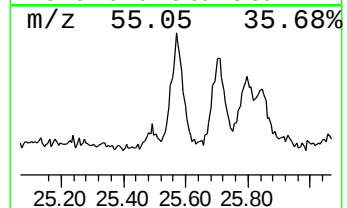
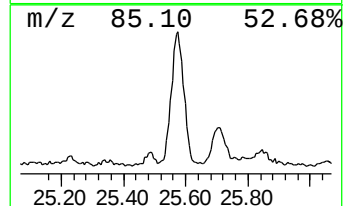
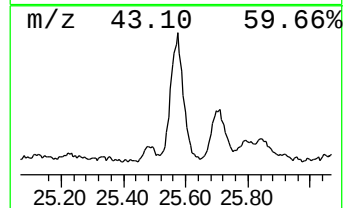
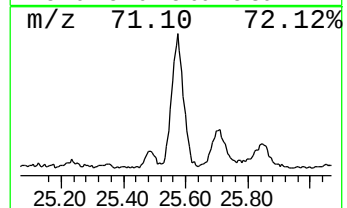
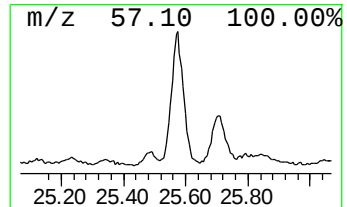
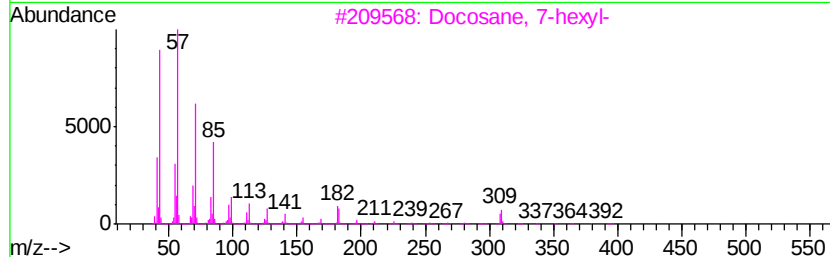
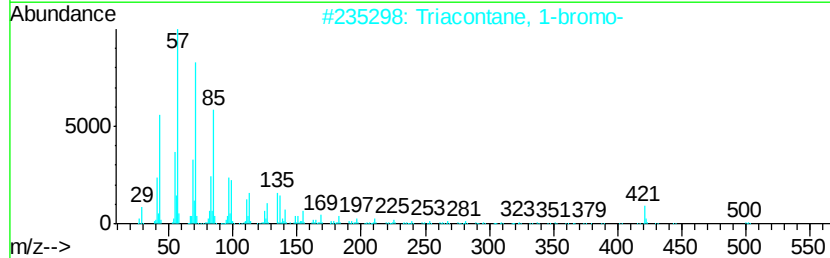
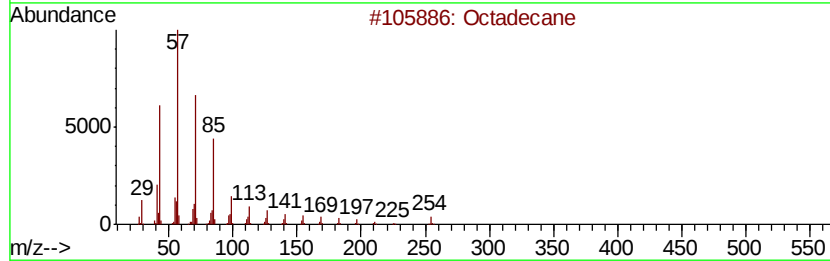
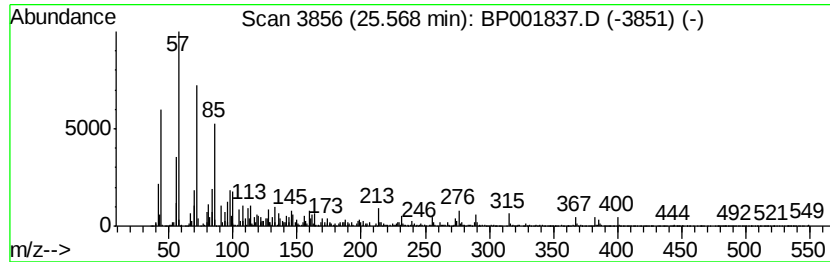
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Quant Title : SVOA CALIBRATION

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.
25.57	2.13 ng/ul	791108	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Triacotane, 1-bromo-	500	C30H61Br	004209-22-7	91
3		Docosane, 7-hexyl-	394	C28H58	055373-86-9	83
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001837.D
Acq On : 21 Feb 2020 23:33
Operator : CG/JU
Sample : L1506-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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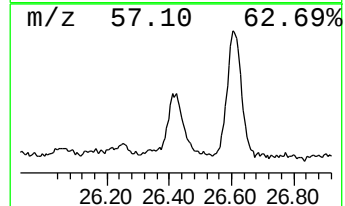
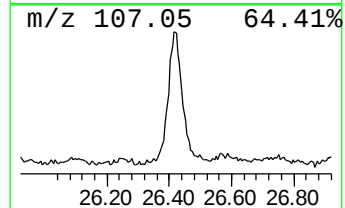
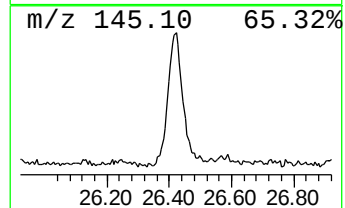
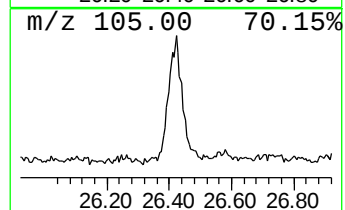
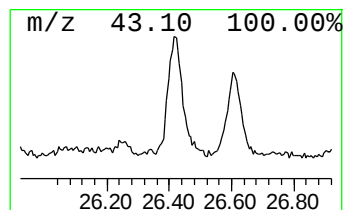
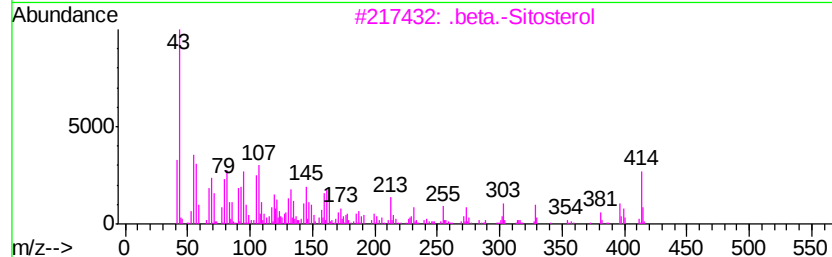
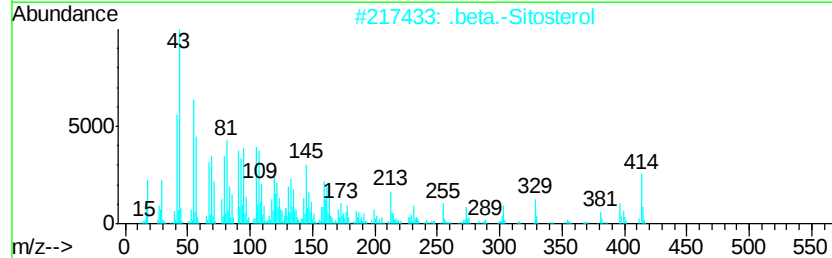
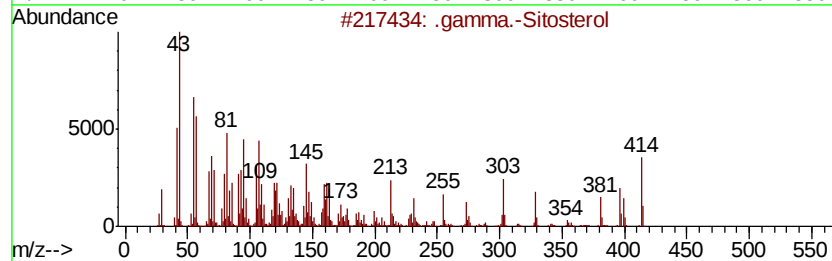
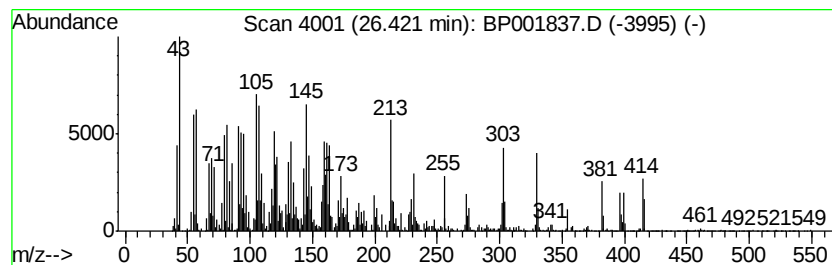
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	2.81 ng/ul	1042260	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	76
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	70
4		22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	11
5		.gamma.-Sitosterol	414	C29H50O	000083-47-6	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001837.D
Acq On : 21 Feb 2020 23:33
Operator : CG/JU
Sample : L1506-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	8.3	ng/ul	864784	1	7.65	2092820	20.0
n-Hexadecanoic acid	17.97	5.2	ng/ul	1498090	4	17.04	5813250	20.0
(DEL) Alkane: Str...	20.87	6.6	ng/ul	2362130	5	21.13	7116480	20.0
(DEL) Alkane: Str...	23.94	2.1	ng/ul	789250	6	23.34	7428190	20.0
1-Heptacosanol	24.02	2.2	ng/ul	831095	6	23.34	7428190	20.0
(DEL) Alkane: Str...	25.57	2.1	ng/ul	791108	6	23.34	7428190	20.0
.gamma.-Sitosterol	26.42	2.8	ng/ul	1042260	6	23.34	7428190	20.0