

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024334.D
 Acq On : 27 Dec 2019 19:43
 Operator : JU
 Sample : K6280-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF33

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-BM121719MA.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	2.987	14	17	26	rVB	59590	88000	1.77%	0.179%
2	3.681	132	135	139	rVB2	12193	18427	0.37%	0.037%
3	4.634	294	297	300	rBV4	4582	6487	0.13%	0.013%
4	5.005	359	360	365	rVB5	4695	5543	0.11%	0.011%
5	5.704	477	479	483	rVB5	4421	4993	0.10%	0.010%
6	6.228	564	568	572	rBV6	3897	7077	0.14%	0.014%
7	6.622	629	635	652	rVB	203473	414404	8.32%	0.841%
8	6.769	654	660	674	rBV	615780	1037528	20.82%	2.105%
9	6.957	685	692	706	rVB	708482	1190025	23.88%	2.415%
10	7.416	763	770	778	rBV	793762	1297713	26.04%	2.633%
11	7.481	778	781	790	rVB8	13346	33290	0.67%	0.068%
12	8.140	887	893	911	rBV	532688	961482	19.30%	1.951%
13	8.569	960	966	984	rBV	731249	1312776	26.34%	2.664%
14	8.998	1034	1039	1045	rVB2	21446	34495	0.69%	0.070%
15	9.287	1081	1088	1100	rBV	611323	1071033	21.49%	2.173%
16	9.622	1142	1145	1149	rBV4	3423	5466	0.11%	0.011%
17	9.828	1173	1180	1200	rBV	781011	1601053	32.13%	3.249%
18	10.181	1233	1240	1251	rBV	1084300	1812737	36.38%	3.679%
19	10.363	1265	1271	1283	rVV	37143	86506	1.74%	0.176%
20	11.475	1458	1460	1464	rBV5	3667	5040	0.10%	0.010%
21	11.739	1502	1505	1509	rBV5	5255	5049	0.10%	0.010%
22	11.798	1510	1515	1520	rBV5	9988	19695	0.40%	0.040%
23	12.910	1701	1704	1711	rBV5	3532	7605	0.15%	0.015%
24	12.992	1714	1718	1722	rVB5	10384	16137	0.32%	0.033%
25	13.504	1799	1805	1811	rBV	1780549	2464112	49.45%	5.001%
26	13.551	1811	1813	1821	rVB	42742	64807	1.30%	0.132%
27	13.769	1843	1850	1864	rBV	1946429	2952074	59.24%	5.991%
28	13.957	1876	1882	1896	rBV2	80232	233719	4.69%	0.474%
29	14.080	1896	1903	1914	rVB	1550396	2336745	46.89%	4.742%
30	14.363	1946	1951	1972	rBV2	84611	266903	5.36%	0.542%
31	14.539	1979	1981	1986	rVB5	6208	9321	0.19%	0.019%
32	14.857	2028	2035	2041	rBV	246599	352155	7.07%	0.715%
33	14.969	2052	2054	2059	rVB6	5636	7486	0.15%	0.015%
34	15.080	2066	2073	2086	rBV	2525285	3709044	74.43%	7.527%

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35	15.239	2094	2100	2111	rBV	678175	1065953	21.39%	2.163%
36	15.327	2111	2115	2120	rVB2	33806	53595	1.08%	0.109%
37	15.527	2145	2149	2154	rVB7	3080	6019	0.12%	0.012%
38	15.780	2189	2192	2194	rBV3	5574	5930	0.12%	0.012%
39	15.827	2197	2200	2205	rBV6	6413	9228	0.19%	0.019%
40	15.874	2205	2208	2211	rBV5	10851	13967	0.28%	0.028%
41	16.063	2234	2240	2243	rBV6	9142	14964	0.30%	0.030%
42	16.516	2315	2317	2321	rVB5	5209	6610	0.13%	0.013%
43	16.627	2332	2336	2340	rBV4	15339	22310	0.45%	0.045%
44	16.839	2365	2372	2381	rBV	1848087	2618174	52.54%	5.313%
45	16.939	2382	2389	2404	rVB	2648903	3884530	77.96%	7.883%
46	17.227	2435	2438	2439	rBV3	6027	5848	0.12%	0.012%
47	17.274	2443	2446	2449	rVB4	4629	5020	0.10%	0.010%
48	17.368	2459	2462	2464	rBV4	5006	5379	0.11%	0.011%
49	17.645	2508	2509	2515	rBV6	5268	5169	0.10%	0.010%
50	17.763	2524	2529	2538	rBV	98116	166786	3.35%	0.338%
51	17.827	2538	2540	2545	rVB6	8559	9792	0.20%	0.020%
52	18.057	2577	2579	2581	rBV3	5199	5129	0.10%	0.010%
53	18.704	2687	2689	2692	rVB4	9218	10951	0.22%	0.022%
54	18.886	2716	2720	2723	rBV	29724	42538	0.85%	0.086%
55	19.062	2746	2750	2754	rBV7	35729	53644	1.08%	0.109%
56	19.133	2758	2762	2769	rVV	30749	46679	0.94%	0.095%
57	19.245	2776	2781	2788	rBV	3313917	4534856	91.01%	9.203%
58	19.327	2793	2795	2802	rVB8	18907	24362	0.49%	0.049%
59	20.333	2963	2966	2970	rVB2	66884	75107	1.51%	0.152%
60	20.792	3040	3044	3050	rBV	514764	673694	13.52%	1.367%
61	21.056	3084	3089	3097	rBV	2252376	2996722	60.14%	6.081%
62	21.233	3116	3119	3124	rBV	190711	199380	4.00%	0.405%
63	21.651	3187	3190	3200	rBV2	238461	329142	6.61%	0.668%
64	22.086	3261	3264	3270	rVB	267054	340372	6.83%	0.691%
65	22.562	3342	3345	3351	rVB	309372	380245	7.63%	0.772%
66	23.045	3421	3427	3432	rBV	2868469	4983020	100.00%	10.112%
67	23.174	3443	3449	3458	rBV	1821484	3243113	65.08%	6.581%

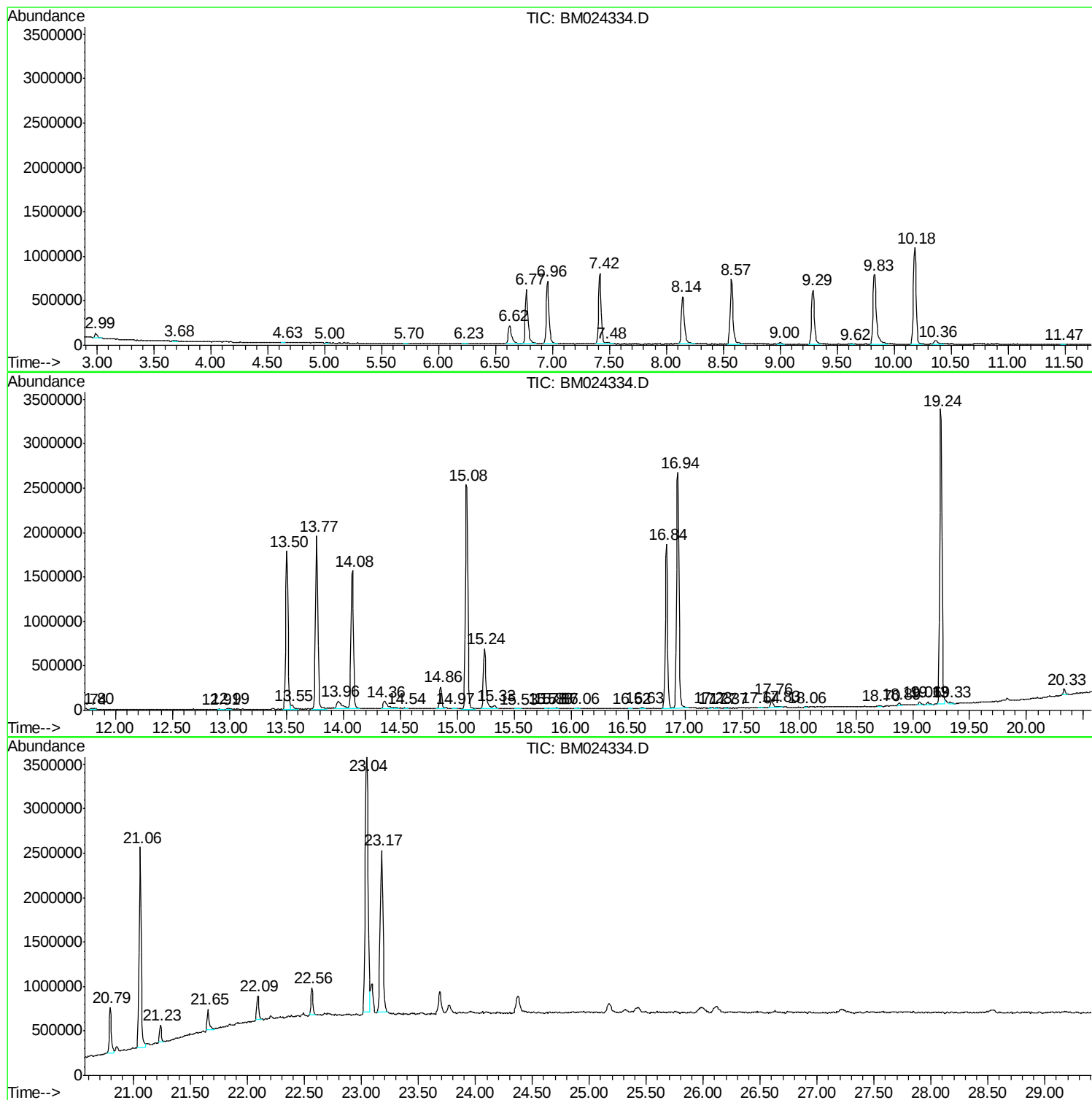
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Quant Title : SVOA CALIBRATION

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



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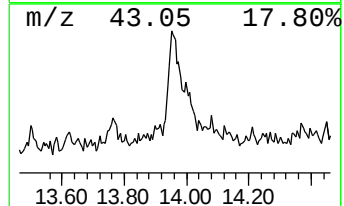
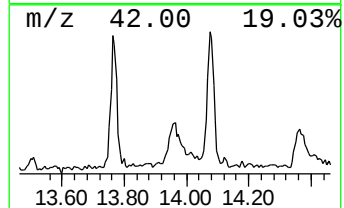
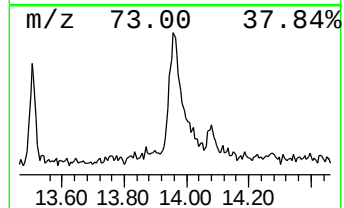
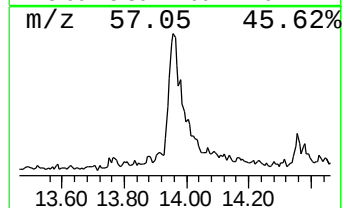
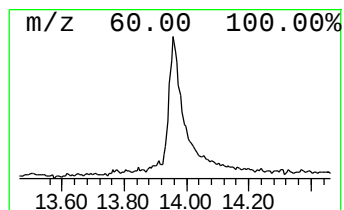
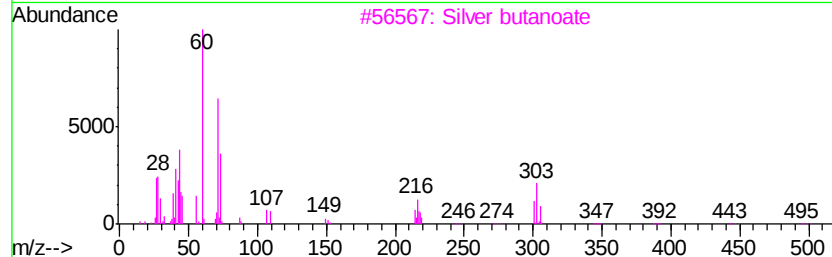
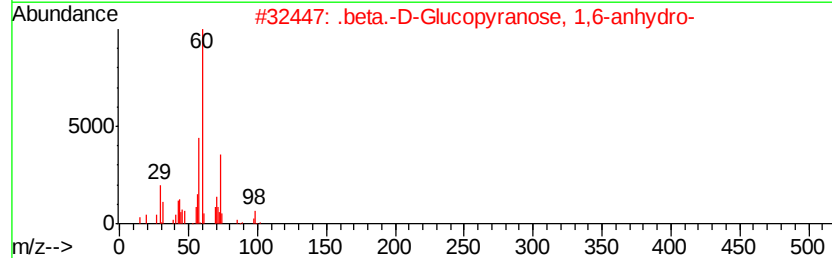
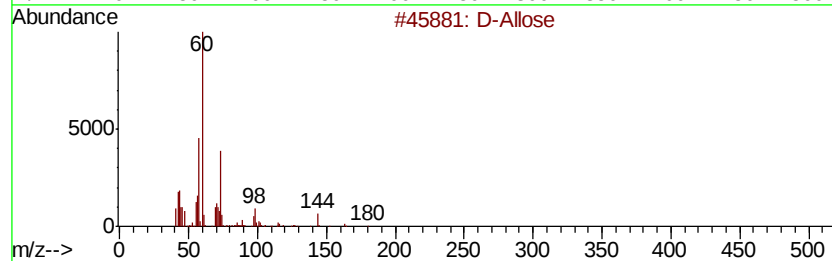
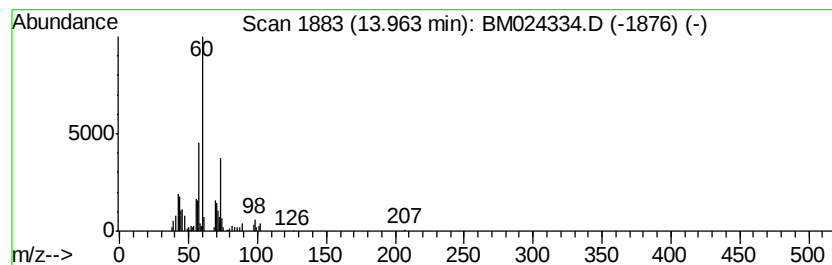
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 D-Allose Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.00 ng/ul	233719	Acenaphthene-d10	14.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Allose		180 C6H12O6	002595-97-3 90
2	.beta.-D-Glucopyranose, 1,6-anhy...		162 C6H10O5	000498-07-7 72
3	Silver butanoate		194 C4H7AqO2	005076-24-4 53
4	3,4-Altrosan		162 C6H10O5	1000129-76-4 53
5	.beta.-D-Glucopyranose, 1,6-anhy...		162 C6H10O5	000498-07-7 53



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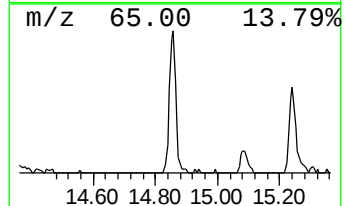
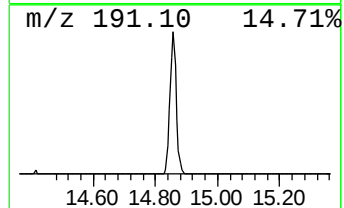
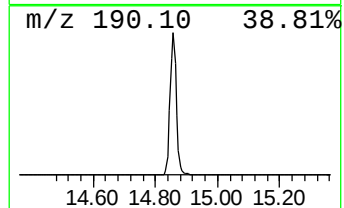
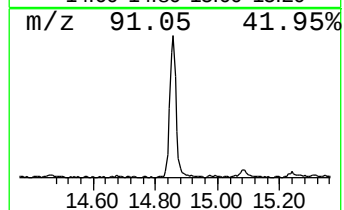
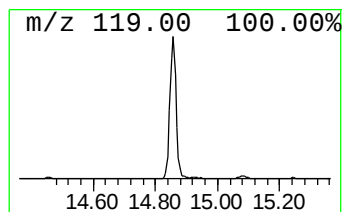
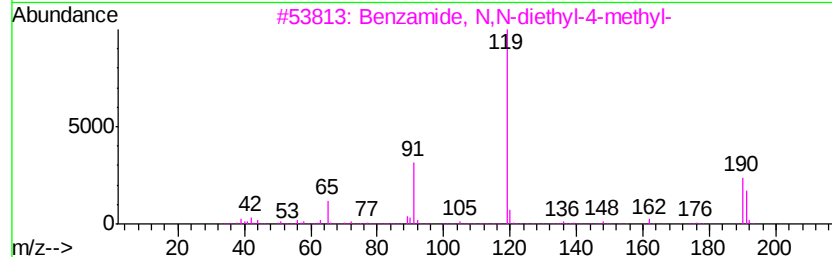
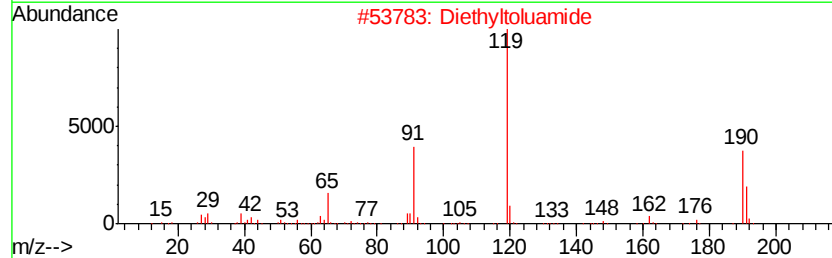
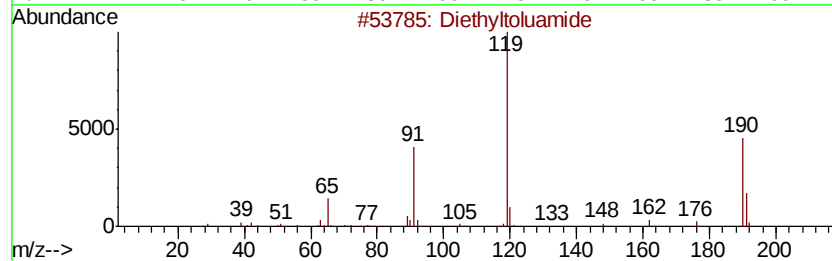
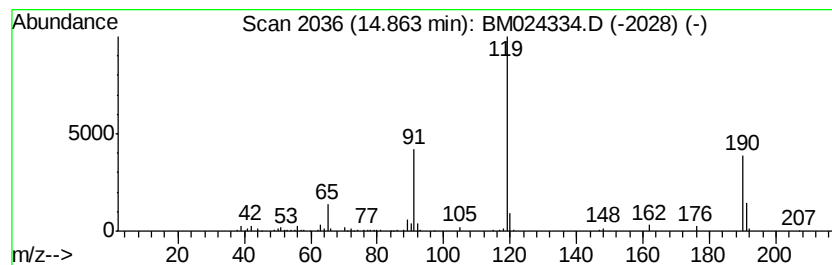
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.01 ng/ul	352155	Acenaphthene-d10	14.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diethyltoluamide	191	C12H17NO	000134-62-3	97
2		Diethyltoluamide	191	C12H17NO	000134-62-3	94
3		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	91
4		L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	78
5		m-Toluic acid, 2-butyl ester	192	C12H16O2	005448-57-7	64



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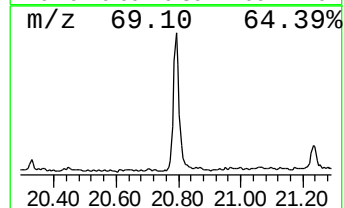
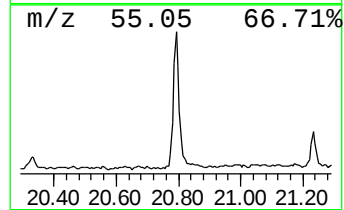
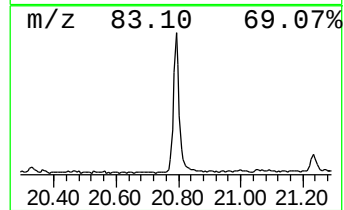
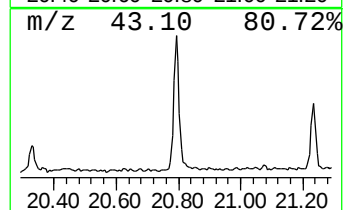
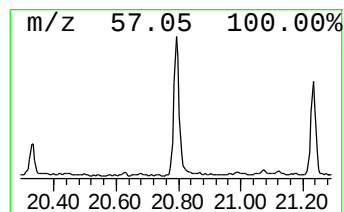
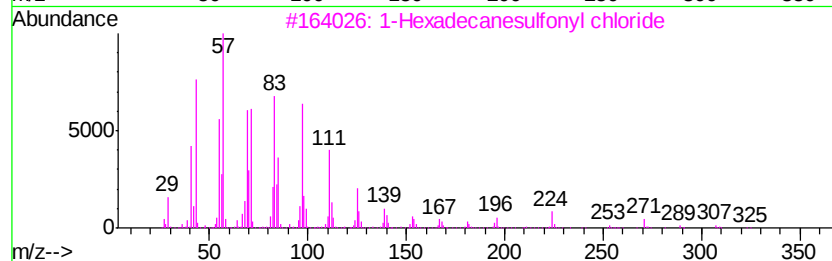
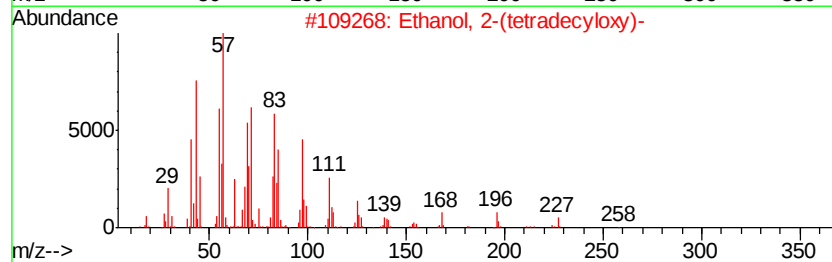
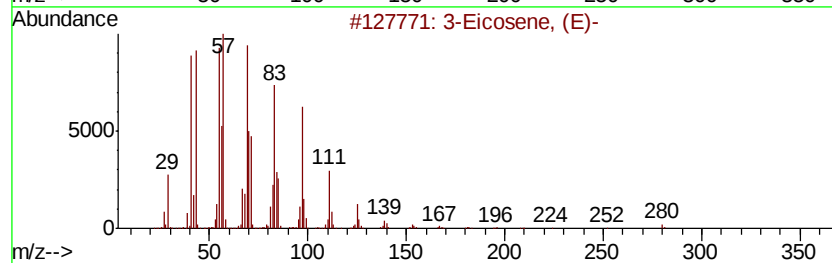
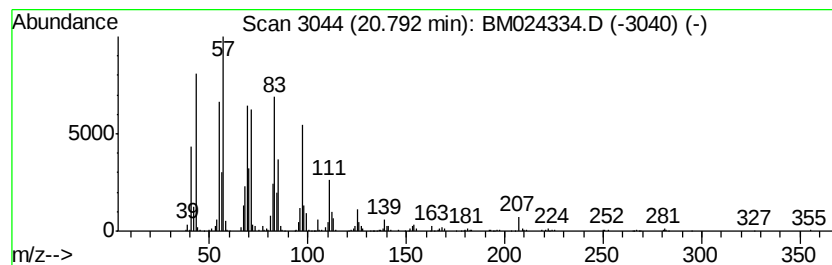
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	4.50 ng/ul	673694	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



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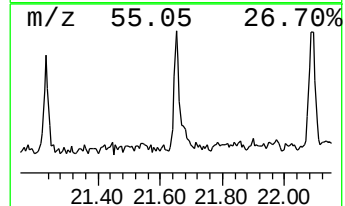
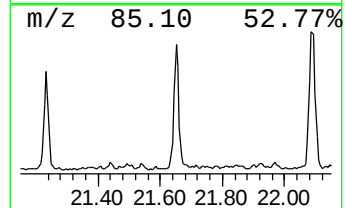
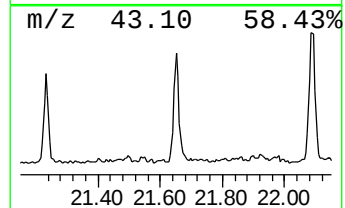
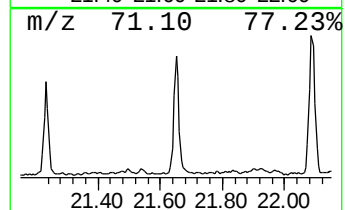
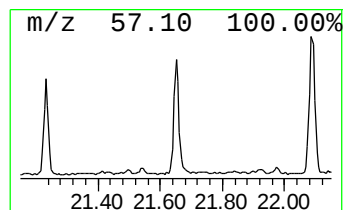
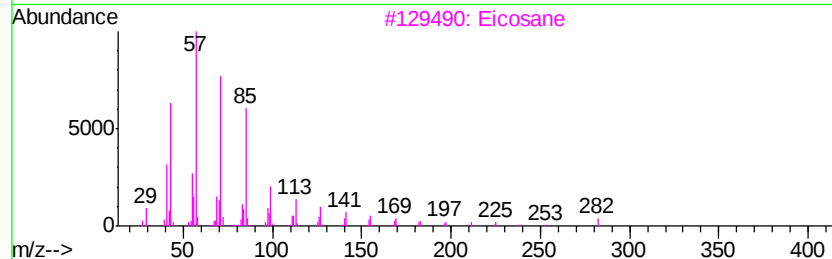
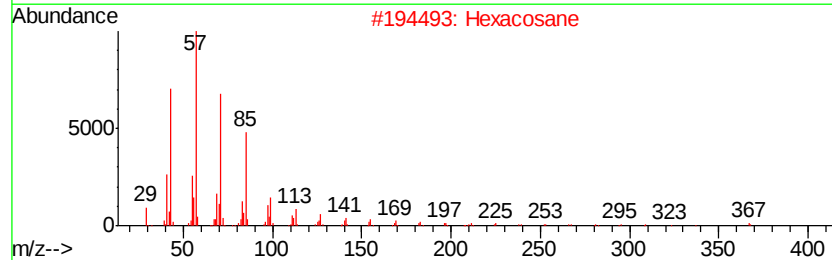
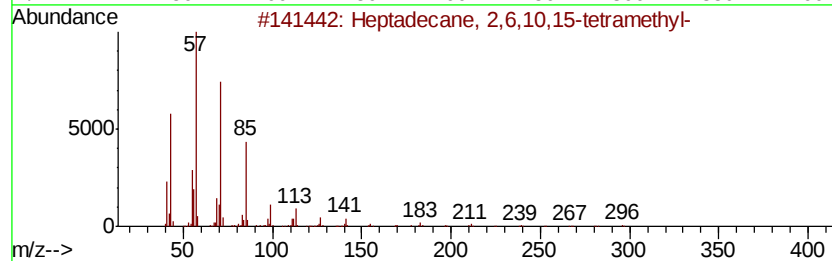
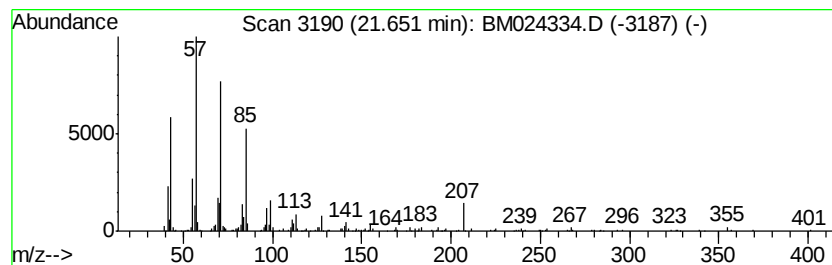
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.20 ng/ul	329142	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Hexacosane	366	C26H54	000630-01-3	83
3		Eicosane	282	C20H42	000112-95-8	83
4		Heptadecane	240	C17H36	000629-78-7	83
5		Octacosane	394	C28H58	000630-02-4	83



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ClientSampleId :
BFF33

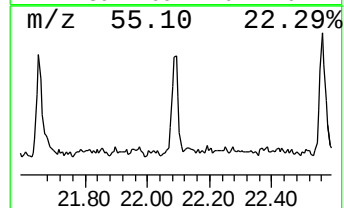
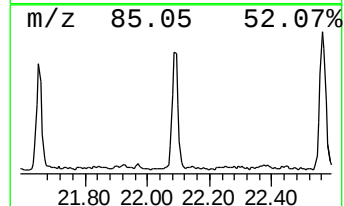
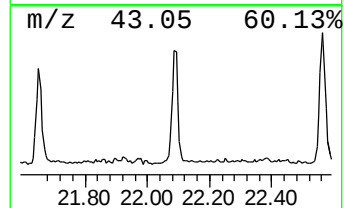
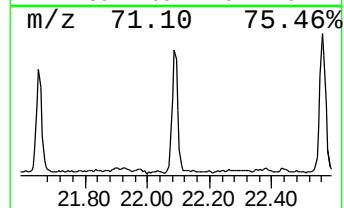
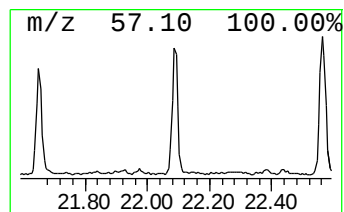
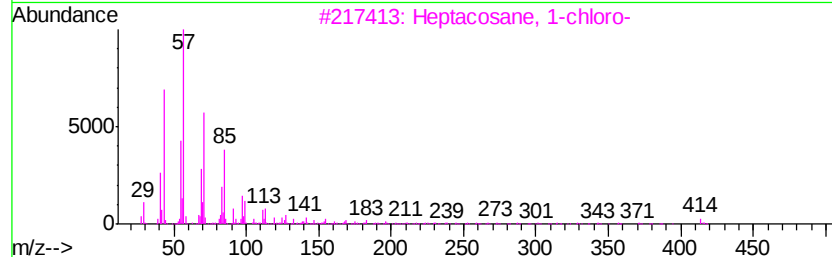
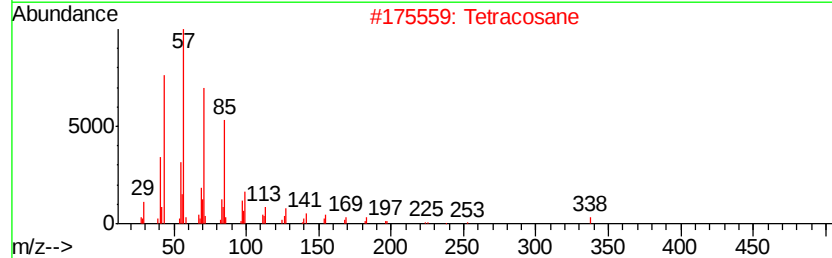
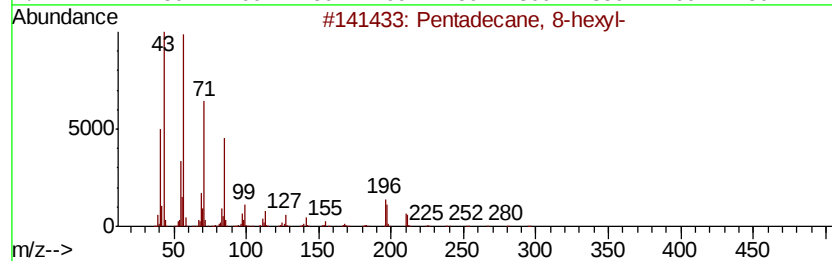
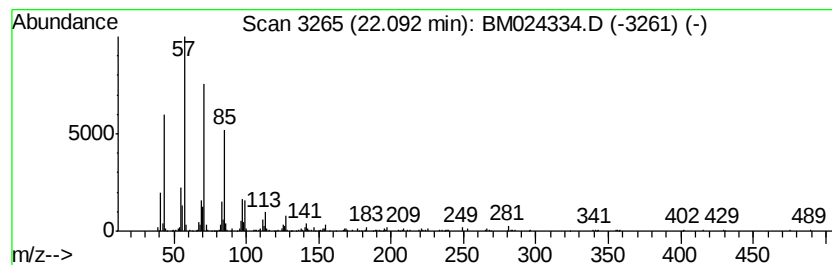
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.27 ng/ul	340372	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Tetracosane	338	C24H50	000646-31-1	86
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024334.D
Acq On : 27 Dec 2019 19:43
Operator : JU
Sample : K6280-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF33

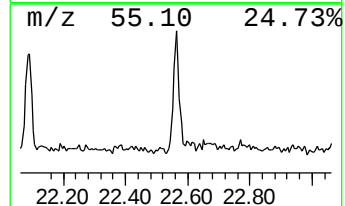
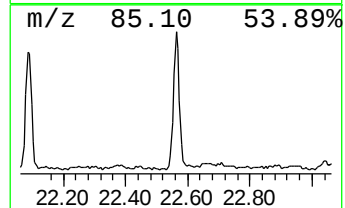
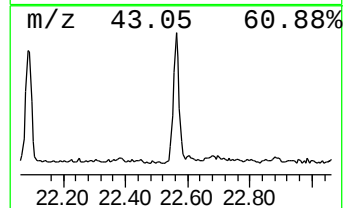
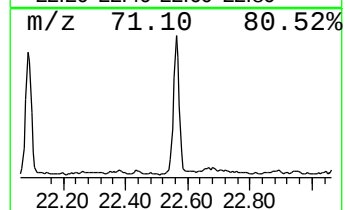
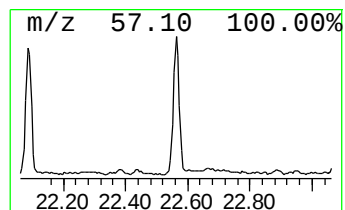
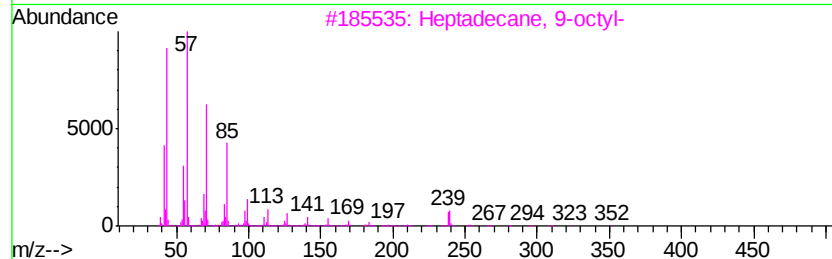
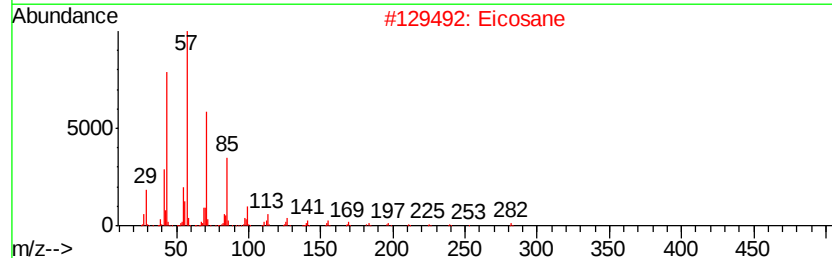
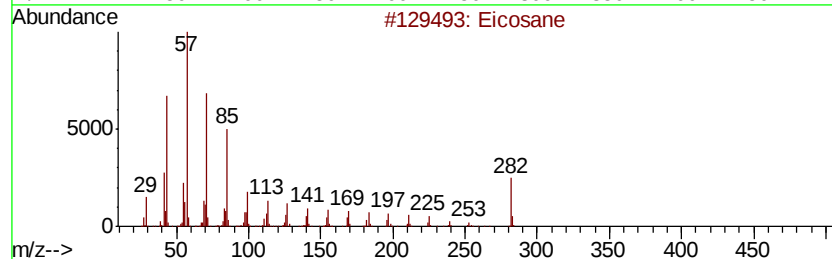
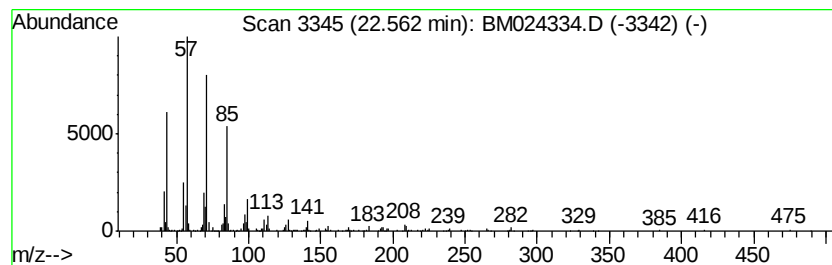
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.34 ng/ul	380245	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122719\
Data File : BM024334.D
Acq On : 27 Dec 2019 19:43
Operator : JU
Sample : K6280-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
D-Allose	13.96	2.0	ng/ul	233719	3	14.08	2336750	20.0
Diethyltoluamide	14.86	3.0	ng/ul	352155	3	14.08	2336750	20.0
(DEL) Alkane: Cyc...	20.79	4.5	ng/ul	673694	5	21.06	2996720	20.0
(DEL) Alkane: Str...	21.65	2.2	ng/ul	329142	5	21.06	2996720	20.0
(DEL) Alkane: Str...	22.09	2.3	ng/ul	340372	5	21.06	2996720	20.0
(DEL) Alkane: Str...	22.56	2.3	ng/ul	380245	6	23.17	3243110	20.0