

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023889.D
 Acq On : 26 Nov 2019 12:48
 Operator : JU
 Sample : K5815-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5460

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-BM111119MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	24	26	41	rVB	82865	163820	1.73%	0.182%
2	3.746	144	146	150	rVB3	15791	19914	0.21%	0.022%
3	6.693	641	647	660	rBV2	321553	645427	6.82%	0.717%
4	6.846	667	673	686	rBV	1075463	1798293	18.99%	1.999%
5	7.034	699	705	721	rBV	1187112	1967586	20.78%	2.187%
6	7.499	777	784	793	rBV	1061936	1688727	17.83%	1.877%
7	7.587	797	799	805	rVB6	8866	11705	0.12%	0.013%
8	8.216	900	906	919	rBV	920071	1584772	16.74%	1.761%
9	8.651	972	980	992	rBV	1376952	2287553	24.16%	2.542%
10	9.098	1052	1056	1061	rVB3	30248	44743	0.47%	0.050%
11	9.369	1093	1102	1116	rBV	1155503	1950564	20.60%	2.168%
12	9.904	1186	1193	1211	rBV	1568719	2928156	30.92%	3.254%
13	10.275	1248	1256	1267	rBV	1515827	2551905	26.95%	2.836%
14	10.434	1275	1283	1292	rBV3	79832	178865	1.89%	0.199%
15	11.716	1496	1501	1504	rBV7	5954	10474	0.11%	0.012%
16	11.881	1523	1529	1537	rBV2	24748	43002	0.45%	0.048%
17	12.998	1714	1719	1727	rBV9	6116	12407	0.13%	0.014%
18	13.581	1810	1818	1824	rBV	3770201	5220072	55.13%	5.802%
19	13.628	1824	1826	1834	rVB	125705	156334	1.65%	0.174%
20	13.845	1856	1863	1883	rBV	4144360	6324202	66.79%	7.029%
21	14.157	1909	1916	1923	rBV	2474911	3664351	38.70%	4.073%
22	14.404	1953	1958	1973	rBV2	147233	384849	4.06%	0.428%
23	14.980	2051	2056	2060	rBV4	6296	10699	0.11%	0.012%
24	15.045	2064	2067	2072	rVB5	13869	17089	0.18%	0.019%
25	15.163	2080	2087	2101	rBV	5431264	7819575	82.58%	8.691%
26	15.298	2104	2110	2123	rBV	1485982	2201521	23.25%	2.447%
27	15.398	2123	2127	2132	rVB2	60146	93685	0.99%	0.104%
28	15.945	2217	2220	2227	rVB4	25947	37847	0.40%	0.042%
29	16.163	2254	2257	2264	rVB7	11452	15327	0.16%	0.017%
30	16.592	2327	2330	2334	rVB4	11254	14064	0.15%	0.016%
31	16.704	2345	2349	2356	rVB3	20400	30369	0.32%	0.034%
32	16.910	2378	2384	2394	rBV	2918743	4198612	44.34%	4.666%
33	17.010	2394	2401	2415	rBV2	5962911	8409280	88.81%	9.346%
34	17.221	2434	2437	2440	rBV3	13397	13888	0.15%	0.015%

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35	17.833	2536	2541	2550	rBV	271388	455382	4.81%	0.506%
36	18.951	2726	2731	2738	rBV	63441	116531	1.23%	0.130%
37	19.127	2757	2761	2768	rBV	118913	192956	2.04%	0.214%
38	19.204	2771	2774	2779	rVB2	55755	81105	0.86%	0.090%
39	19.315	2787	2793	2804	rBV2	6743372	9361355	98.86%	10.405%
40	20.862	3052	3056	3061	rBV	336098	487245	5.15%	0.542%
41	21.115	3095	3099	3106	rBV	3253950	4446784	46.96%	4.942%
42	21.298	3127	3130	3136	rBV2	239467	293044	3.09%	0.326%
43	21.721	3199	3202	3206	rVB	377427	417567	4.41%	0.464%
44	22.162	3274	3277	3284	rVB	554179	703981	7.43%	0.782%
45	22.651	3356	3360	3364	rVB	655556	879024	9.28%	0.977%
46	23.133	3436	3442	3448	rBV	5335564	9469024	100.00%	10.524%
47	23.186	3448	3451	3458	rVB	693233	1076924	11.37%	1.197%
48	23.268	3459	3465	3475	rVB	2620990	4635975	48.96%	5.153%
49	23.797	3552	3555	3561	rVB	510434	857485	9.06%	0.953%

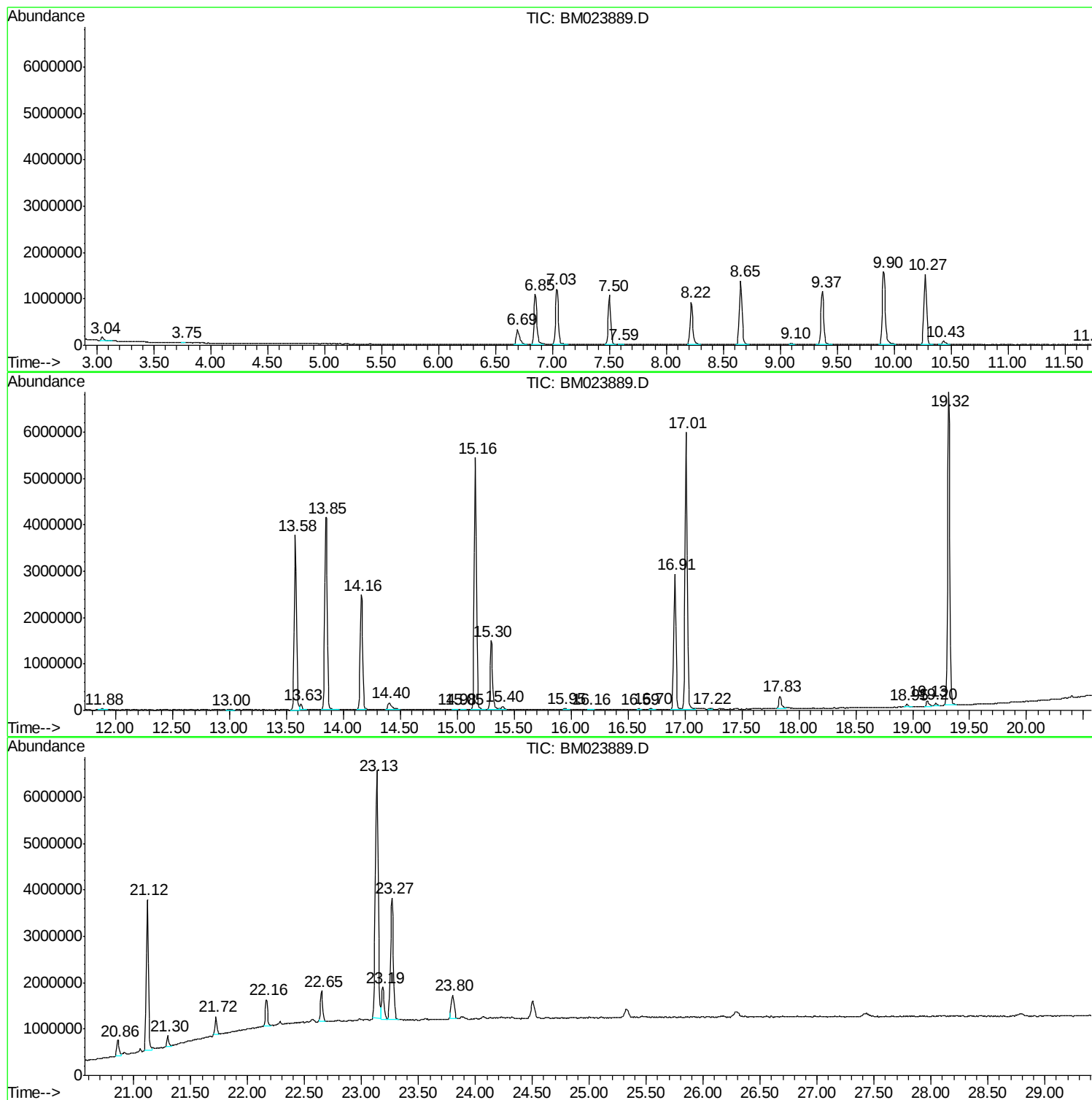
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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



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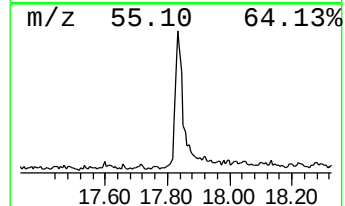
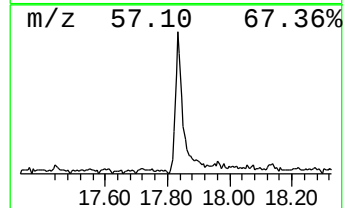
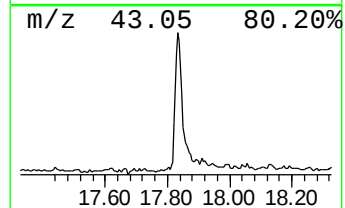
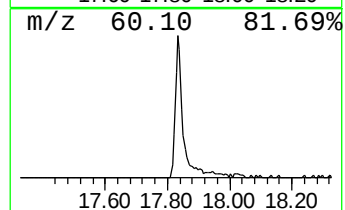
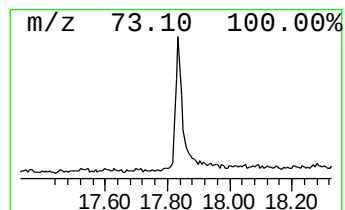
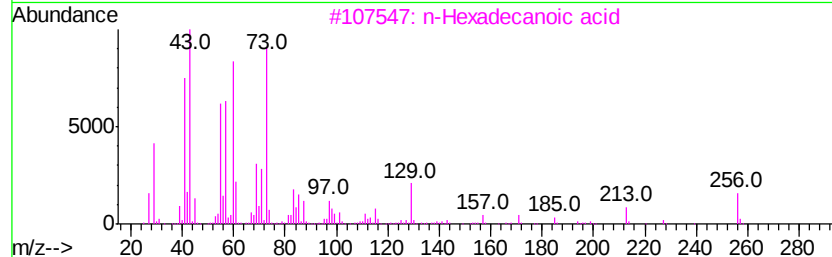
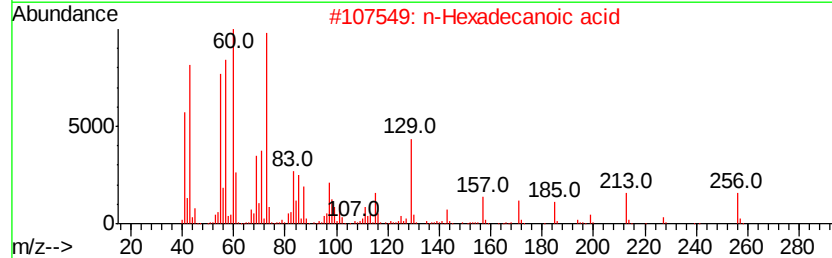
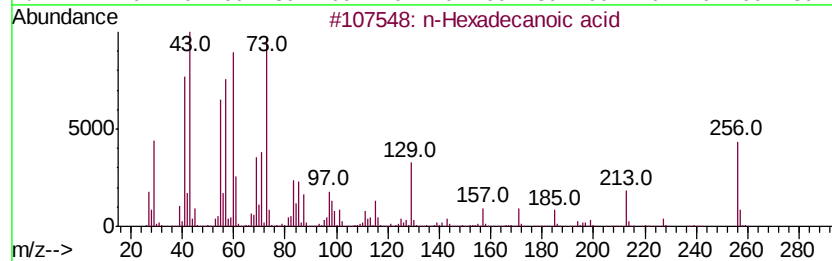
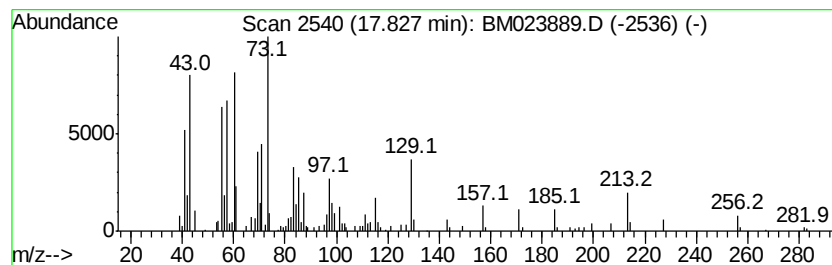
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.83	2.17 ng/ul	455382	Phenanthrene-d10		16.91	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
4	Octadecanoic acid		284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	80



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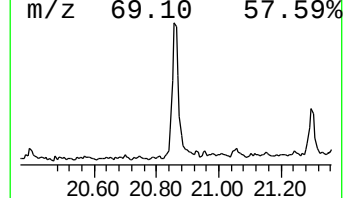
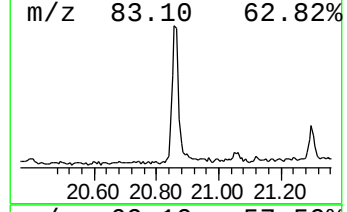
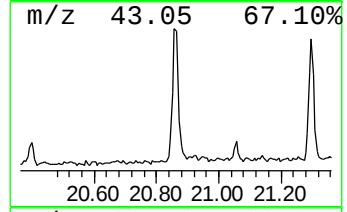
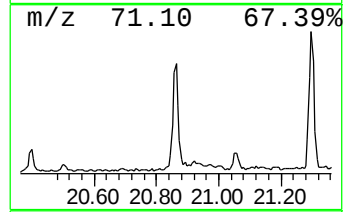
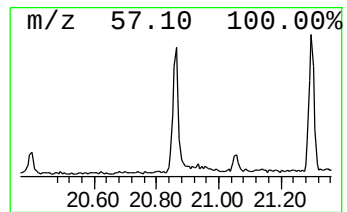
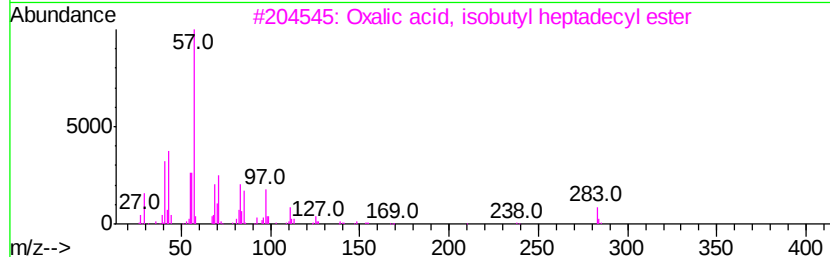
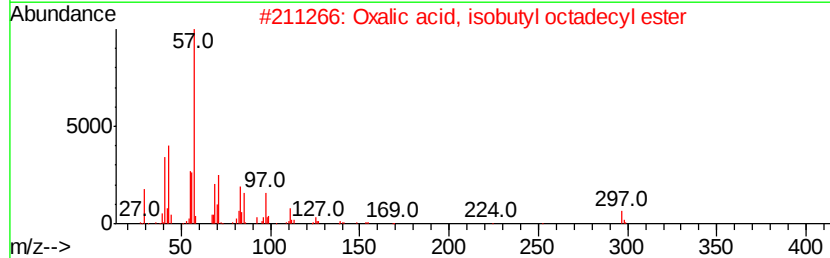
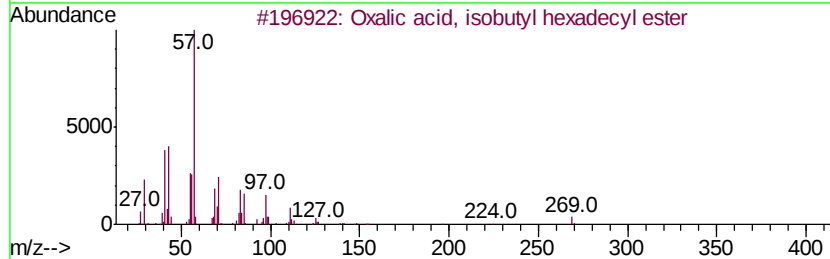
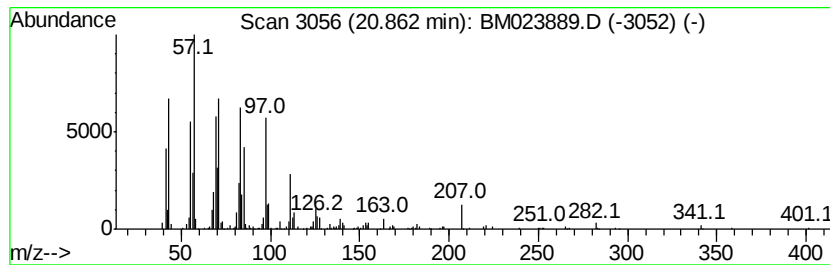
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Oxalic acid, isobutyl hexadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.19 ng/ul	487245	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4		Octacosyl heptafluorobutylrate	606	C32H57F7O2	1000351-83-6	90
5		Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	90



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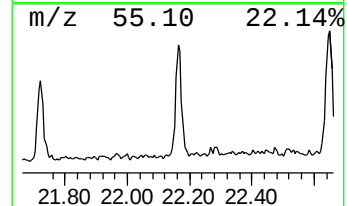
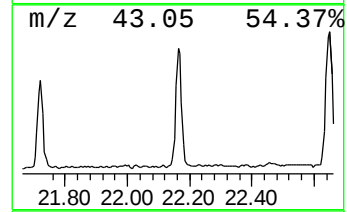
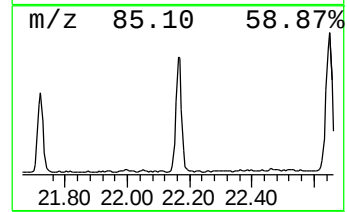
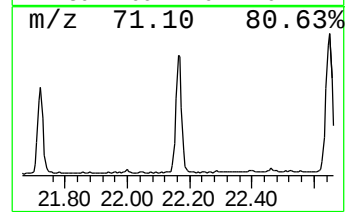
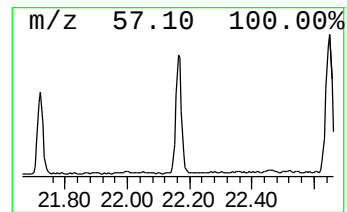
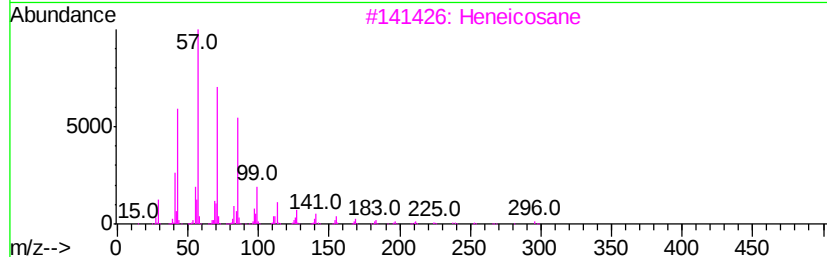
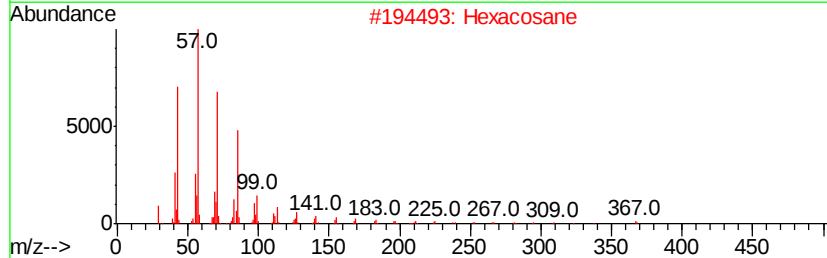
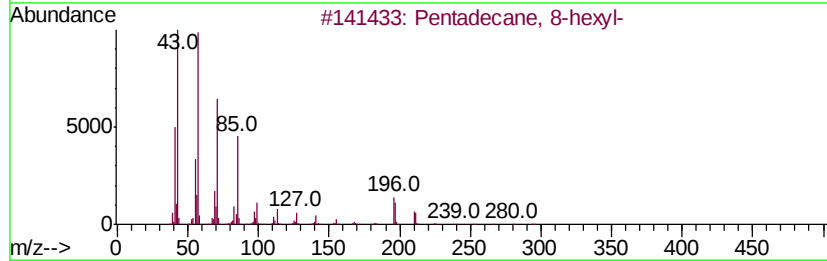
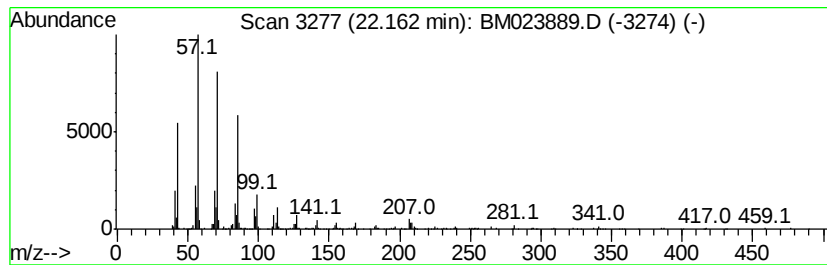
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	3.17 ng/ul	703981	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



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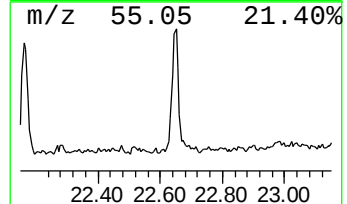
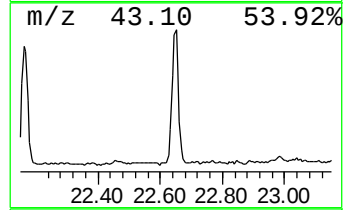
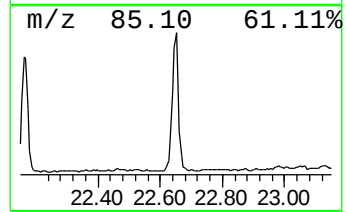
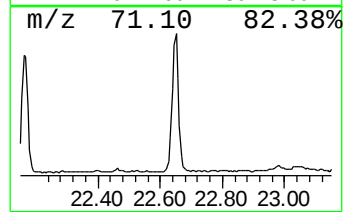
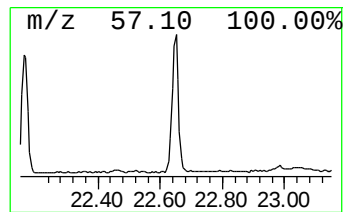
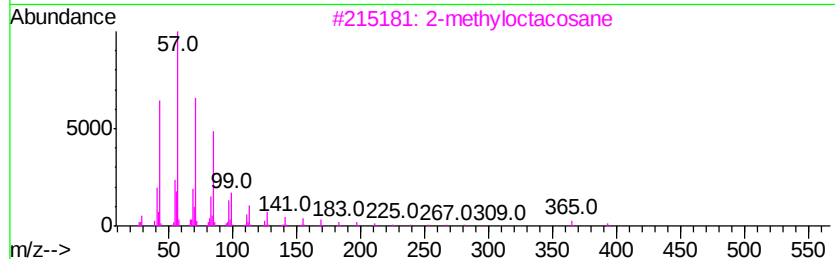
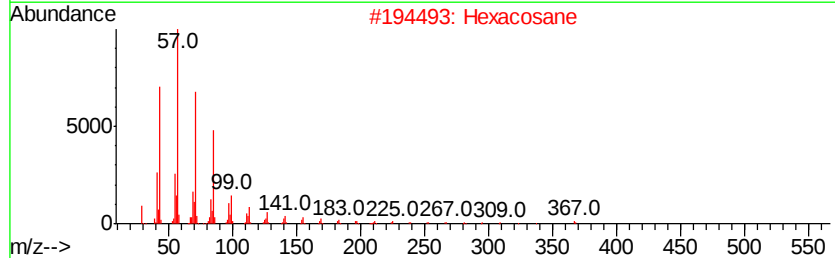
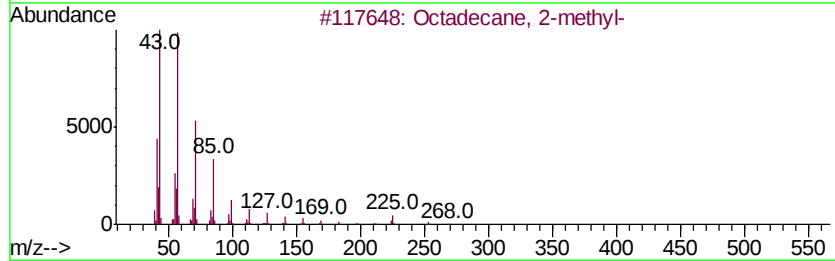
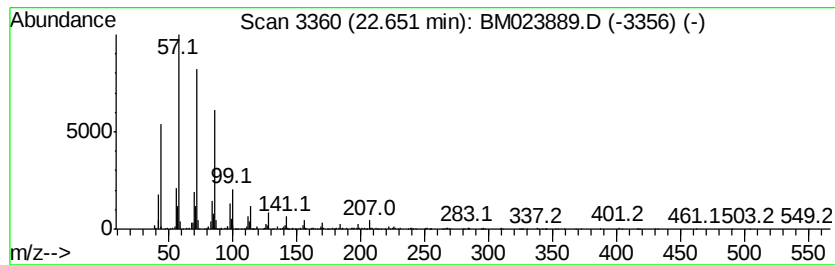
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	3.79 ng/ul	879024	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		2-methyltetracosane	408	C29H60	1000376-72-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



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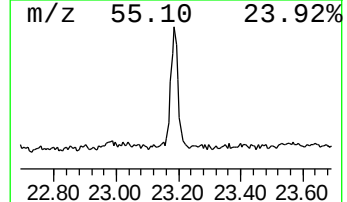
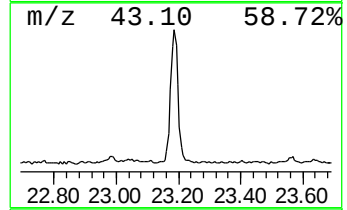
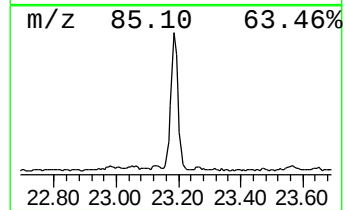
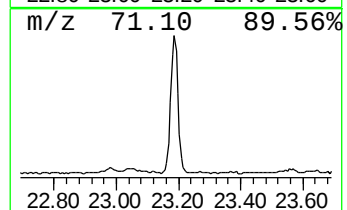
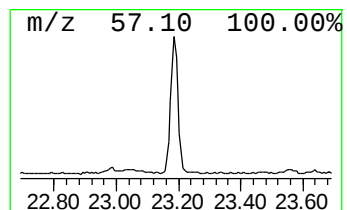
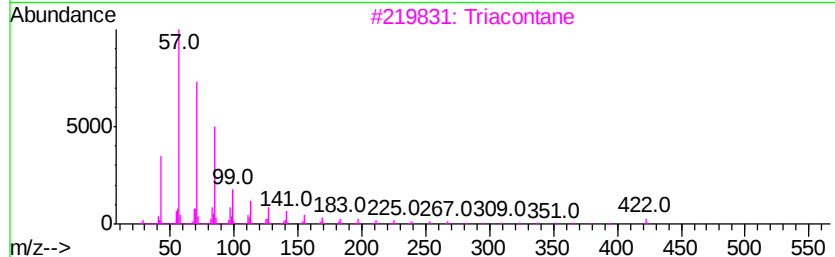
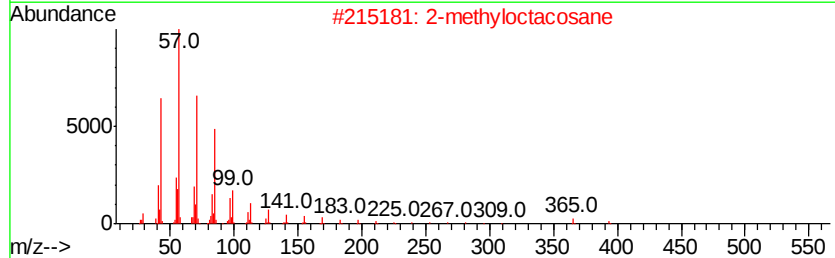
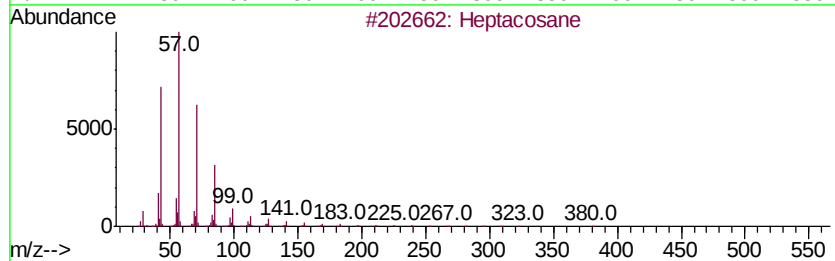
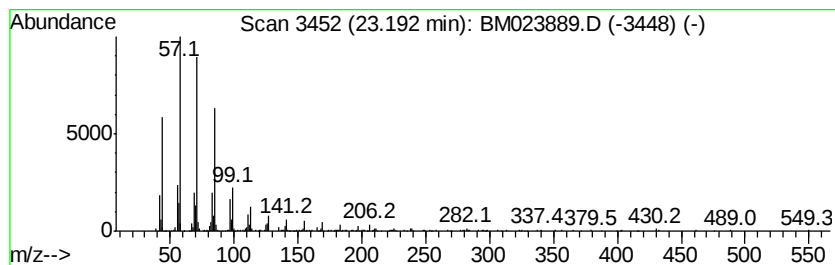
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	4.65 ng/ul	1076920	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023889.D
Acq On : 26 Nov 2019 12:48
Operator : JU
Sample : K5815-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5460

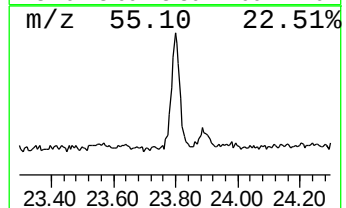
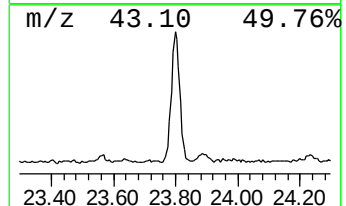
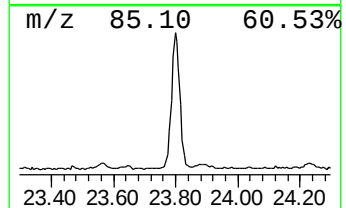
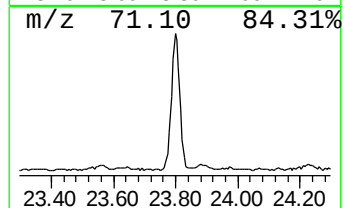
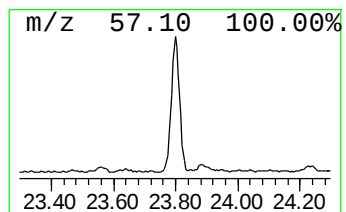
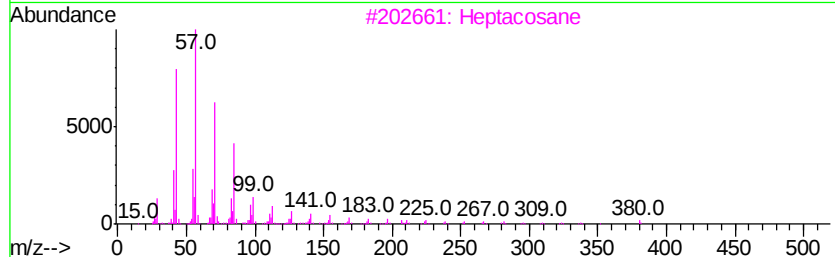
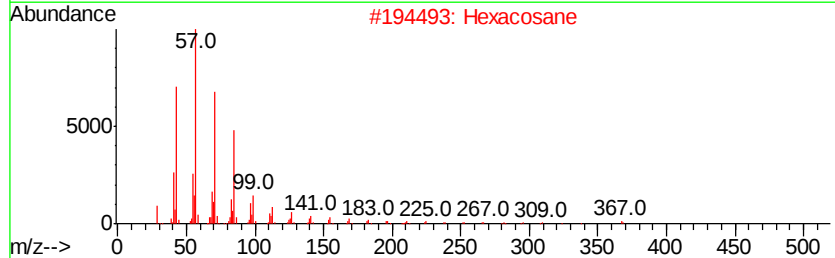
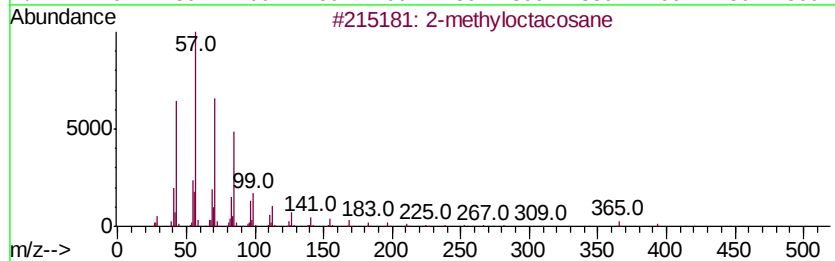
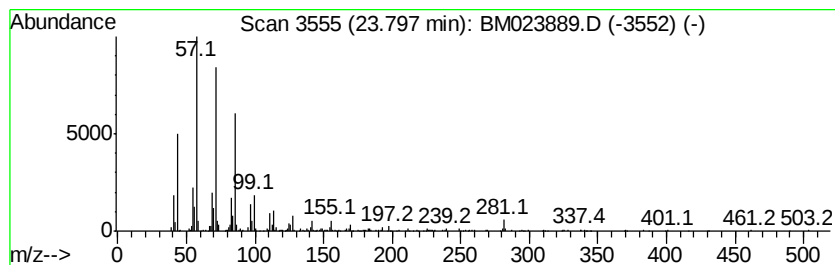
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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.
23.80	3.70 ng/ul	857485	Perylene-d12	23.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			2-methyltetracosane	352	C25H52	1000376-72-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112619\
Data File : BM023889.D
Acq On : 26 Nov 2019 12:48
Operator : JU
Sample : K5815-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5460

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
n-Hexadecanoic acid	17.83	2.2	ng/ul	455382	4	16.91	4198610	20.0
Oxalic acid, isob...	20.86	2.2	ng/ul	487245	5	21.12	4446780	20.0
(DEL) Alkane: Str...	22.16	3.2	ng/ul	703981	5	21.12	4446780	20.0
(DEL) Alkane: Str...	22.65	3.8	ng/ul	879024	6	23.27	4635980	20.0
(DEL) Alkane: Str...	23.19	4.7	ng/ul	1076920	6	23.27	4635980	20.0
(DEL) Alkane: Str...	23.80	3.7	ng/ul	857485	6	23.27	4635980	20.0