

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
 Data File : BM023127.D
 Acq On : 11 Oct 2019 13:32
 Operator : JU
 Sample : K5124-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM75

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-BM092719MA.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	3.252	41	45	56	rVB	56851	81069	1.76%	0.145%
2	3.669	114	116	120	rVB3	5610	6365	0.14%	0.011%
3	3.763	129	132	140	rVB	17719	24246	0.53%	0.043%
4	3.893	150	154	162	rVB	16205	27740	0.60%	0.050%
5	3.981	165	169	175	rVB	9351	12750	0.28%	0.023%
6	4.205	202	207	212	rVB	38206	52341	1.14%	0.094%
7	4.610	272	276	280	rBV	16658	21530	0.47%	0.039%
8	4.905	322	326	329	rBV	5144	8433	0.18%	0.015%
9	6.446	583	588	591	rBV6	3888	6111	0.13%	0.011%
10	6.940	665	672	690	rVB	925715	1575183	34.21%	2.825%
11	7.104	693	700	713	rBV	691366	1114358	24.20%	1.999%
12	7.304	727	734	743	rBV	979719	1553630	33.74%	2.787%
13	7.622	785	788	793	rBV5	3218	5225	0.11%	0.009%
14	7.769	805	813	821	rBV	647544	1029411	22.36%	1.846%
15	7.840	822	825	831	rVB	6379	9563	0.21%	0.017%
16	8.475	926	933	942	rBV	1059507	1694530	36.80%	3.039%
17	8.592	950	953	962	rVB5	4227	8671	0.19%	0.016%
18	8.922	1002	1009	1019	rBV	837709	1367905	29.71%	2.453%
19	9.357	1077	1083	1089	rVB	10766	16381	0.36%	0.029%
20	9.640	1124	1131	1141	rBV	697725	1155306	25.09%	2.072%
21	10.181	1216	1223	1235	rVB	1123995	1823075	39.60%	3.270%
22	10.557	1278	1287	1295	rBV	852320	1415833	30.75%	2.539%
23	10.692	1302	1310	1327	rBV	790448	1424114	30.93%	2.554%
24	12.004	1525	1533	1540	rBV4	8884	17958	0.39%	0.032%
25	12.145	1552	1557	1562	rVB	15942	23267	0.51%	0.042%
26	12.851	1673	1677	1683	rBV5	3313	6433	0.14%	0.012%
27	13.733	1823	1827	1835	rVV3	9171	13277	0.29%	0.024%
28	13.816	1835	1841	1845	rVV	1663268	2234950	48.54%	4.008%
29	13.863	1845	1849	1858	rVB	364012	507974	11.03%	0.911%
30	14.098	1879	1889	1901	rBV	2072533	2952834	64.13%	5.296%
31	14.316	1920	1926	1929	rVB2	5464	7653	0.17%	0.014%
32	14.404	1935	1941	1949	rVB	1143611	1701566	36.96%	3.052%
33	14.604	1966	1975	1988	rBV	600399	886936	19.26%	1.591%
34	14.757	1998	2001	2007	rVB3	9243	13108	0.28%	0.024%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Title : SVOA CALIBRATION

35	14.822	2007	2012	2019	rVB	52567	71730	1.56%	0.129%
36	15.210	2075	2078	2082	rBV3	3232	5206	0.11%	0.009%
37	15.263	2084	2087	2091	rVB4	4794	6544	0.14%	0.012%
38	15.398	2103	2110	2117	rBV	2385948	3391826	73.67%	6.083%
39	15.516	2124	2130	2139	rBV	606879	823831	17.89%	1.478%
40	15.639	2146	2151	2155	rBV	25349	33669	0.73%	0.060%
41	15.769	2170	2173	2177	rVB3	6707	8035	0.17%	0.014%
42	15.839	2180	2185	2190	rBV	27339	36898	0.80%	0.066%
43	15.951	2198	2204	2211	rBV2	24774	44583	0.97%	0.080%
44	16.057	2219	2222	2225	rVB2	8033	9001	0.20%	0.016%
45	16.121	2230	2233	2236	rVV3	4485	5491	0.12%	0.010%
46	16.180	2240	2243	2247	rVB4	10251	13780	0.30%	0.025%
47	16.498	2292	2297	2301	rBV2	7866	13662	0.30%	0.025%
48	16.598	2310	2314	2316	rBV3	9266	13138	0.29%	0.024%
49	16.633	2316	2320	2326	rVB4	24176	43044	0.93%	0.077%
50	17.051	2387	2391	2393	rBV5	5668	6642	0.14%	0.012%
51	17.145	2399	2407	2417	rVB2	1273171	1811553	39.35%	3.249%
52	17.245	2417	2424	2434	rBV	2472118	3450485	74.94%	6.189%
53	17.533	2469	2473	2482	rVB7	15360	24690	0.54%	0.044%
54	17.651	2491	2493	2497	rVB2	9609	10092	0.22%	0.018%
55	18.045	2555	2560	2566	rBV	59533	87446	1.90%	0.157%
56	18.345	2608	2611	2614	rBV4	8234	12536	0.27%	0.022%
57	18.468	2630	2632	2637	rVB4	10047	10662	0.23%	0.019%
58	18.668	2664	2666	2670	rBV5	5290	9248	0.20%	0.017%
59	18.980	2715	2719	2722	rBV	64235	69404	1.51%	0.124%
60	19.174	2748	2752	2755	rBV	31509	43839	0.95%	0.079%
61	19.427	2792	2795	2802	rVB	33628	48314	1.05%	0.087%
62	19.539	2808	2814	2822	rVB	3105716	4117371	89.43%	7.385%
63	20.056	2899	2902	2905	rBV	93286	122331	2.66%	0.219%
64	20.092	2905	2908	2912	rVB	107726	124030	2.69%	0.222%
65	21.045	3064	3070	3079	rBV3	1618118	2667992	57.95%	4.785%
66	21.327	3114	3118	3129	rBV	1684118	2044128	44.40%	3.666%
67	21.492	3142	3146	3148	rBV	207323	313399	6.81%	0.562%
68	21.927	3216	3220	3231	rBV3	565193	1212168	26.33%	2.174%
69	22.897	3381	3385	3389	rBV	435566	618946	13.44%	1.110%
70	22.945	3389	3393	3401	rVB	686164	1096470	23.81%	1.967%
71	23.439	3470	3477	3488	rBV	2400257	4604152	100.00%	8.258%

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72	23.580	3495	3501	3513	rVB	1221291	2335934	50.74%	4.190%
73	24.121	3589	3593	3601	rVB	443687	834575	18.13%	1.497%
74	24.209	3604	3608	3619	rVB	378066	783989	17.03%	1.406%
75	24.509	3654	3659	3669	rVB	915312	1974928	42.89%	3.542%

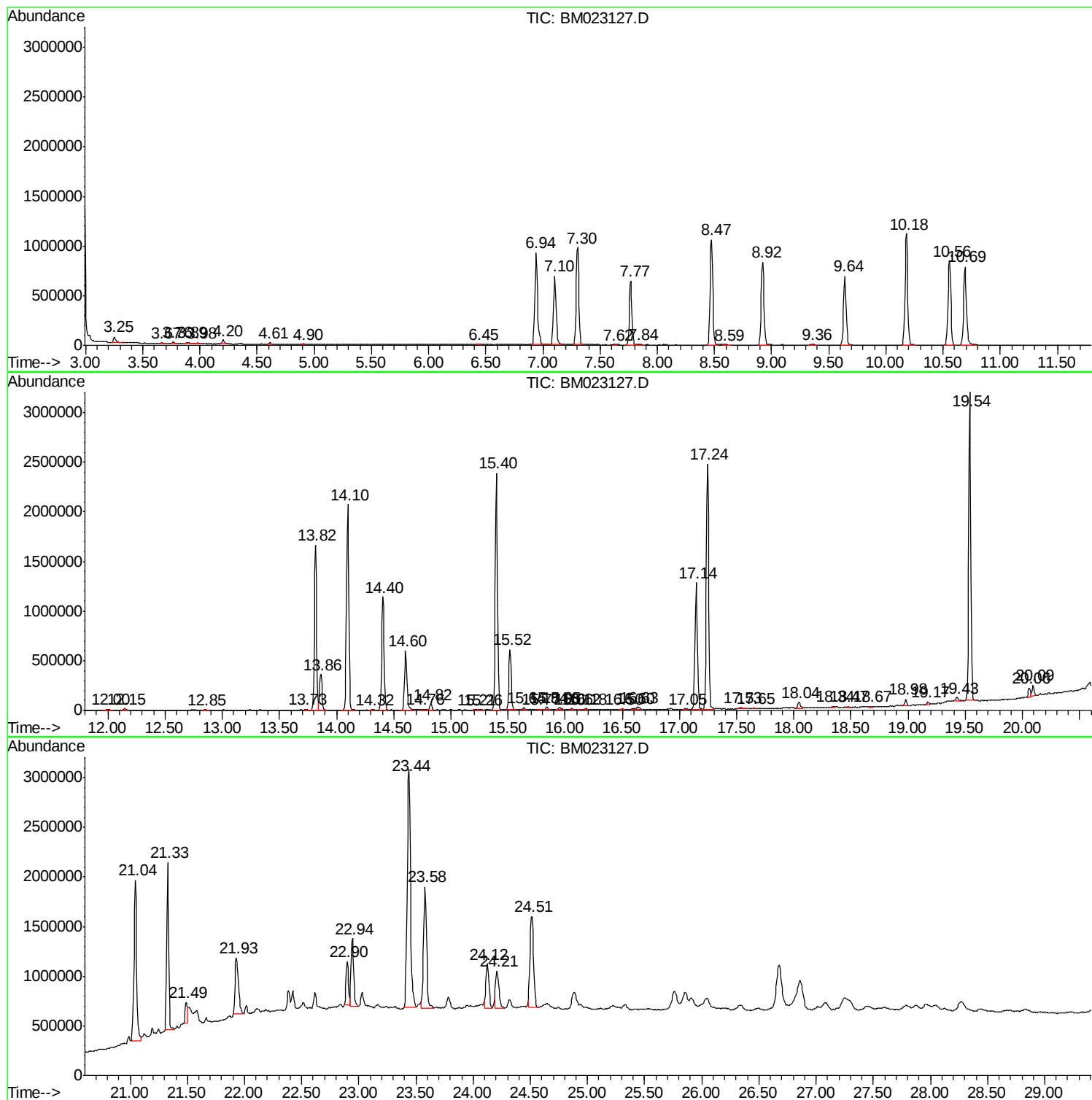
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Instrument :
BNA_M
ClientSampled :
JLM75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
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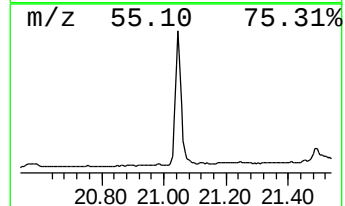
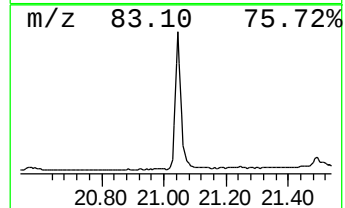
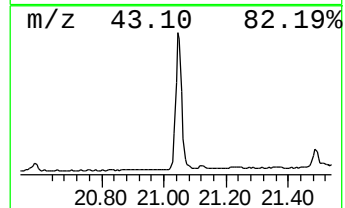
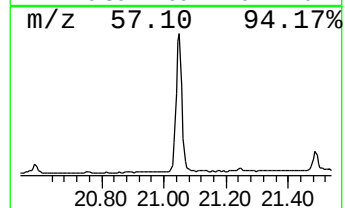
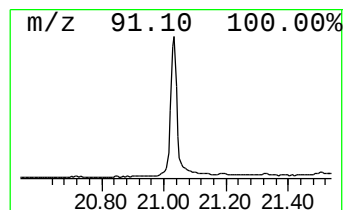
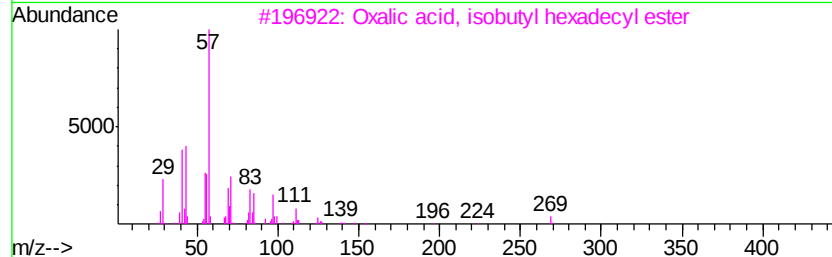
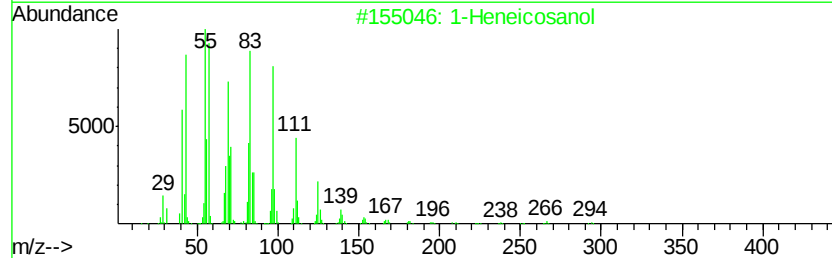
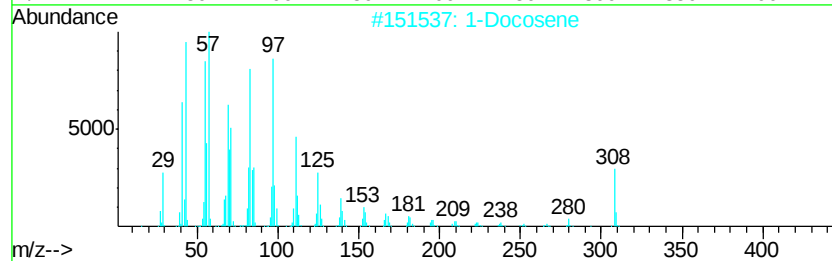
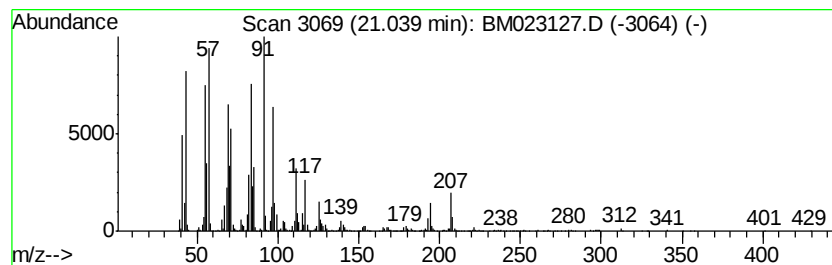
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.04	26.10 ng/ul	2667990	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	97
2	1-Heneicosanol		312	C21H44O	015594-90-8	92
3	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	91
4	Cyclopentane, (4-octyldodecyl)-		350	C25H50	005638-09-5	87
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	87



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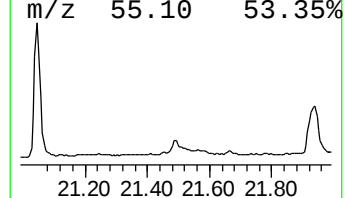
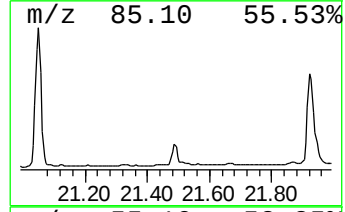
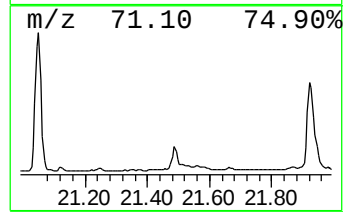
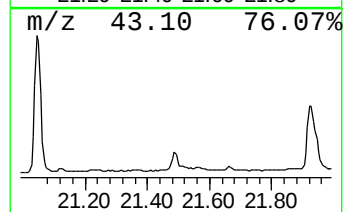
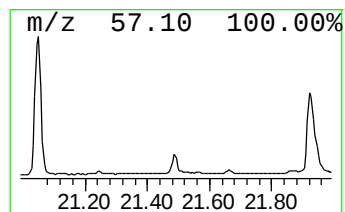
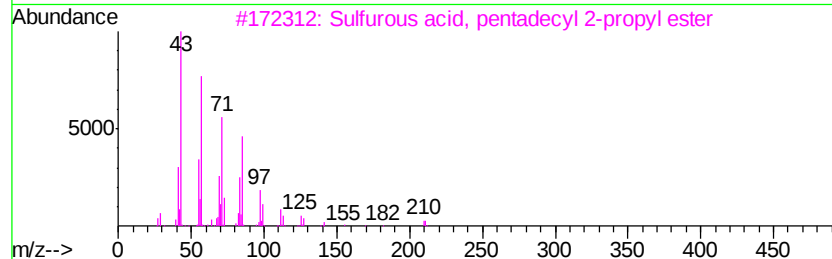
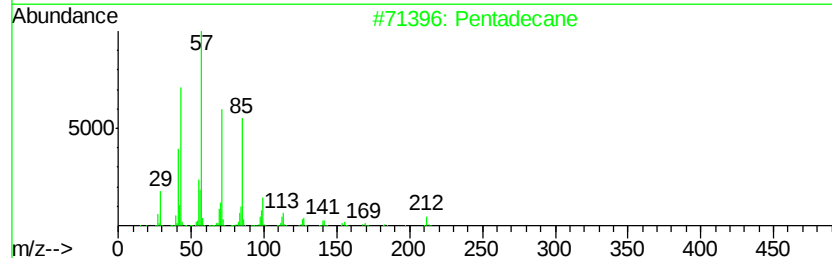
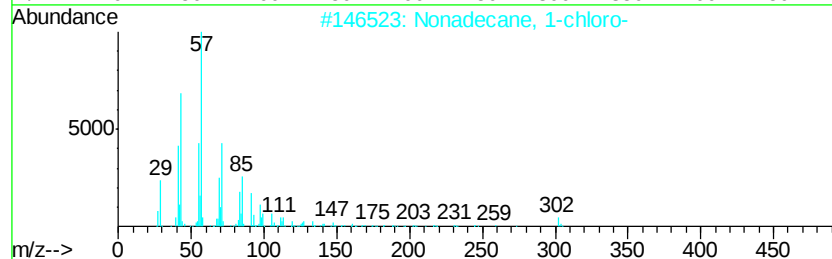
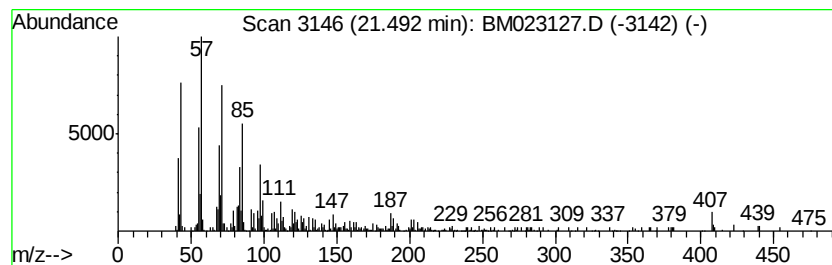
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Nonadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.49	3.07 ng/ul	313399	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	90
2		Pentadecane	212	C15H32	000629-62-9	89
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	74
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	74
5		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	74



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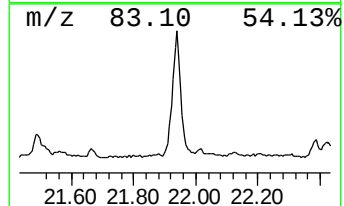
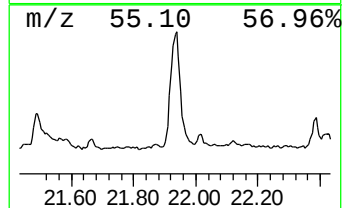
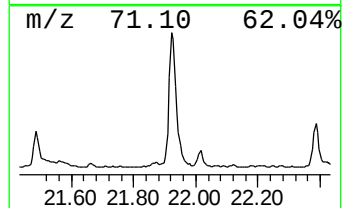
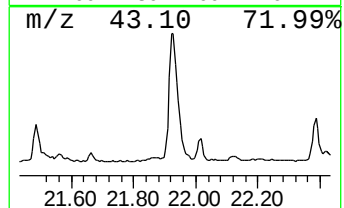
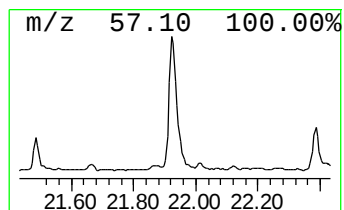
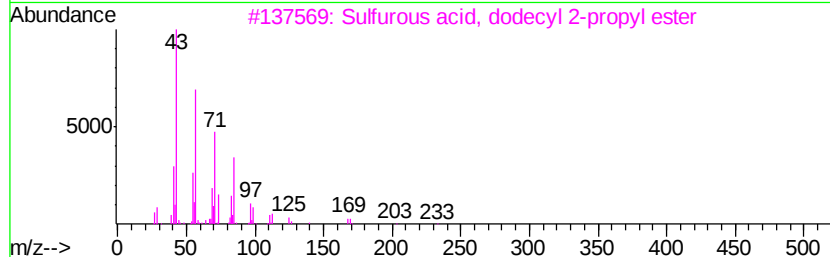
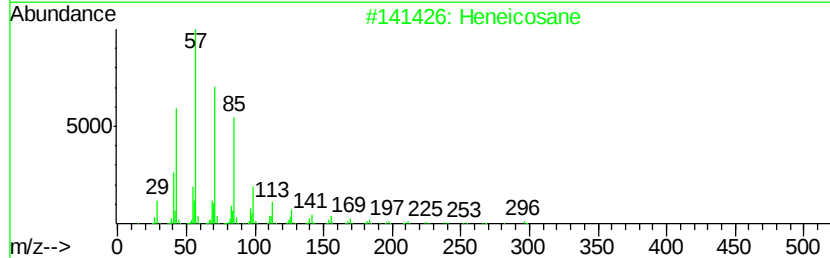
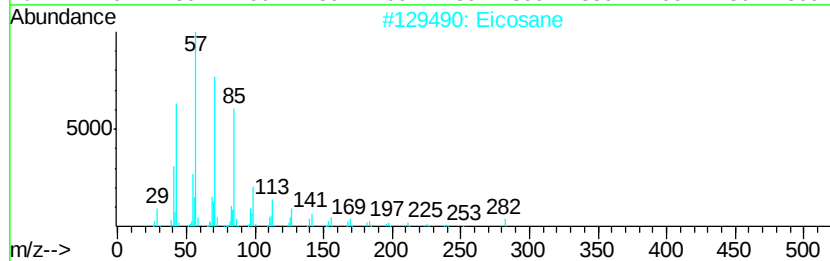
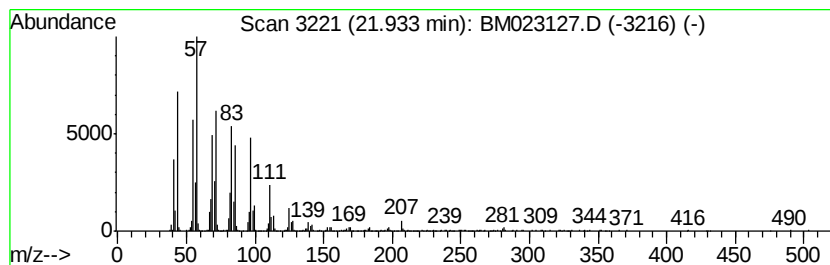
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	11.86 ng/ul	1212170	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	93
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
4		Tricosane	324	C23H48	000638-67-5	91
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91



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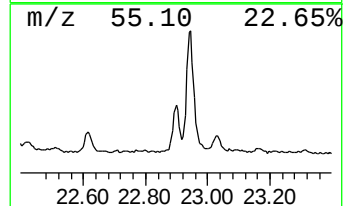
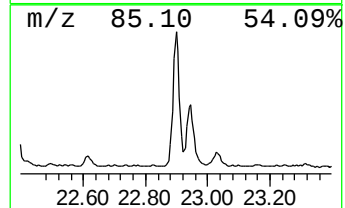
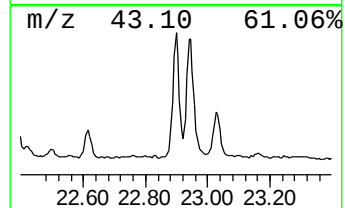
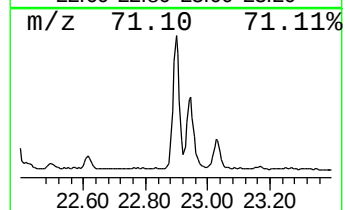
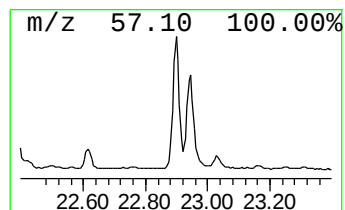
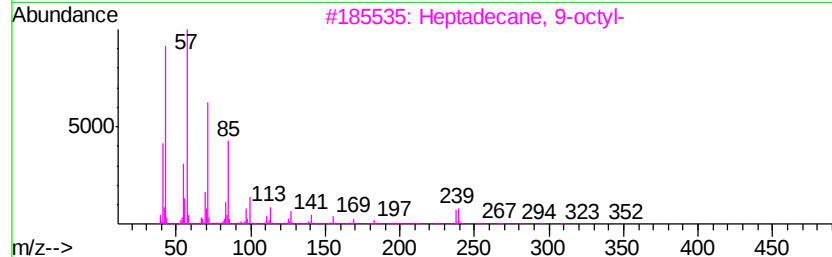
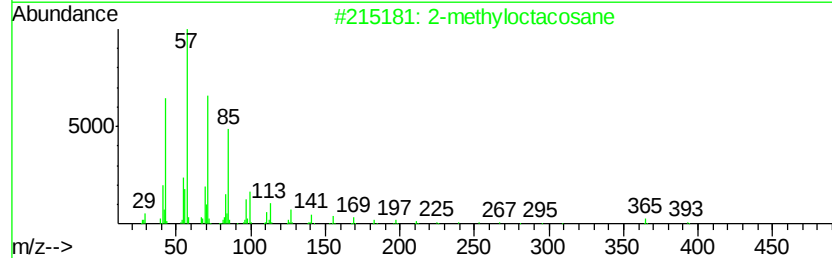
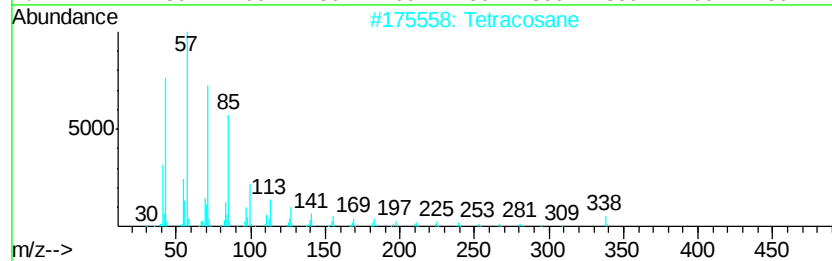
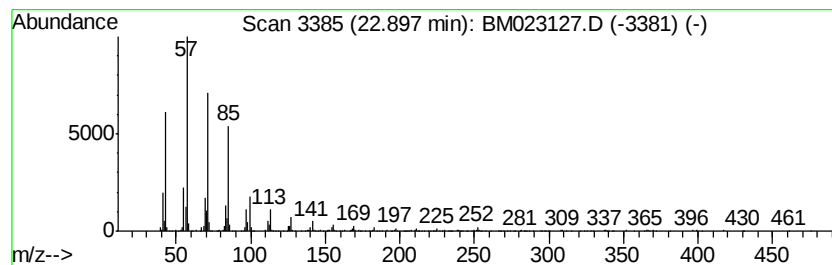
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	5.30 ng/ul	618946	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023127.D
Acq On : 11 Oct 2019 13:32
Operator : JU
Sample : K5124-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM75

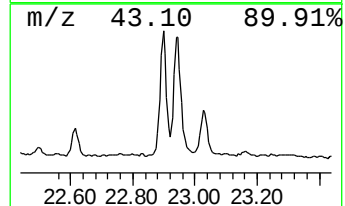
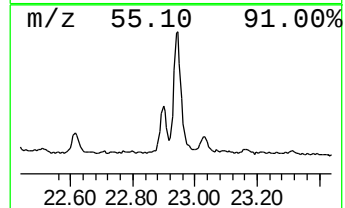
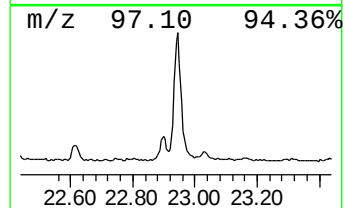
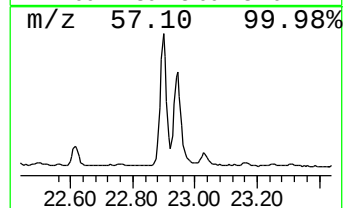
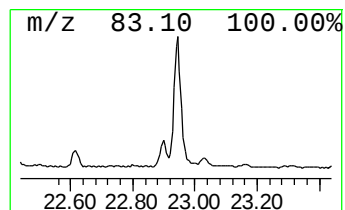
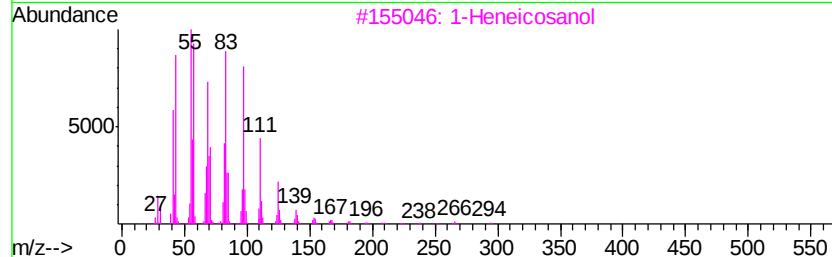
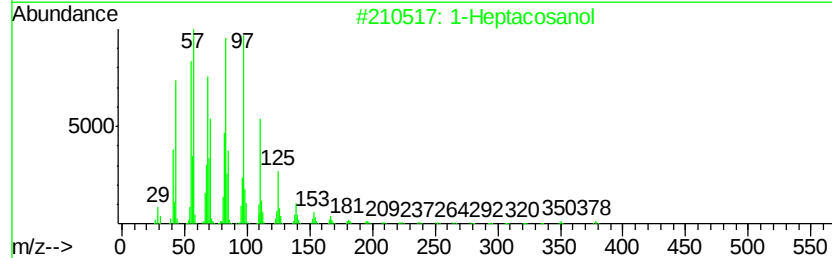
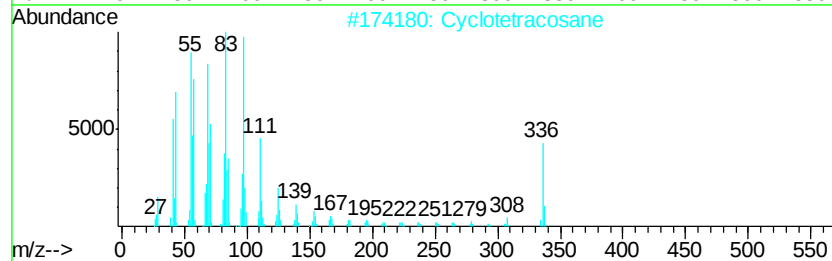
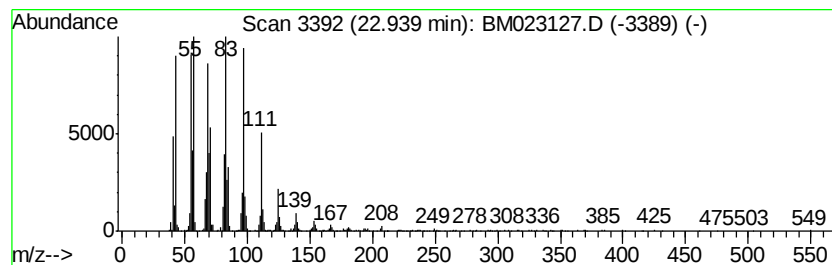
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic22.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	9.39 ng/ul	1096470	Perylene-d12	23.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	98
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023127.D
Acq On : 11 Oct 2019 13:32
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Sample : K5124-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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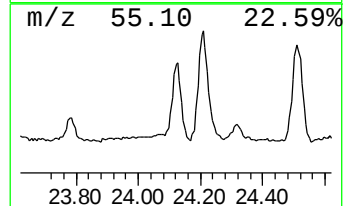
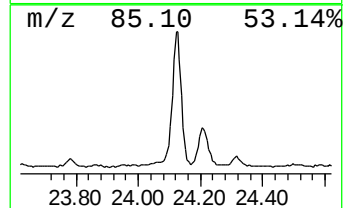
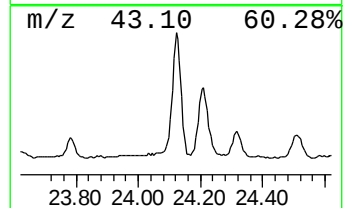
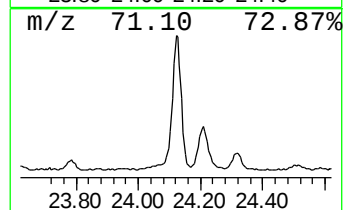
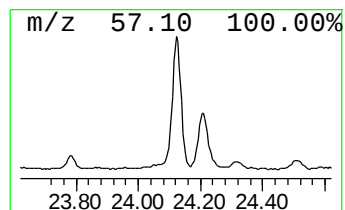
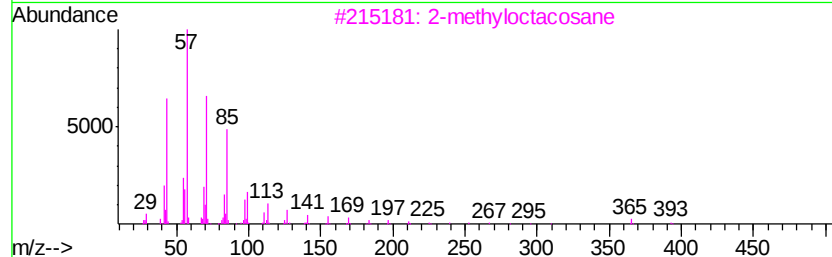
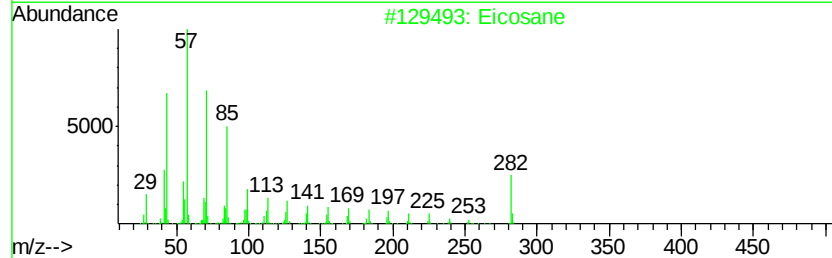
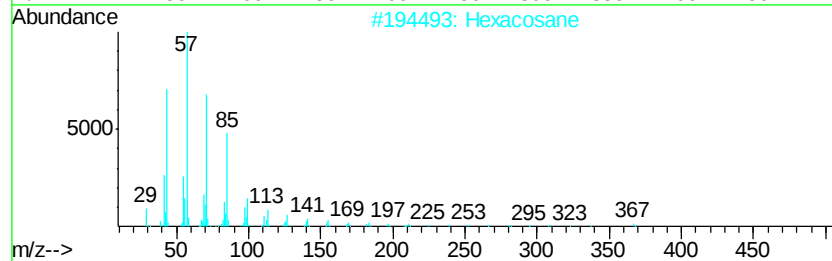
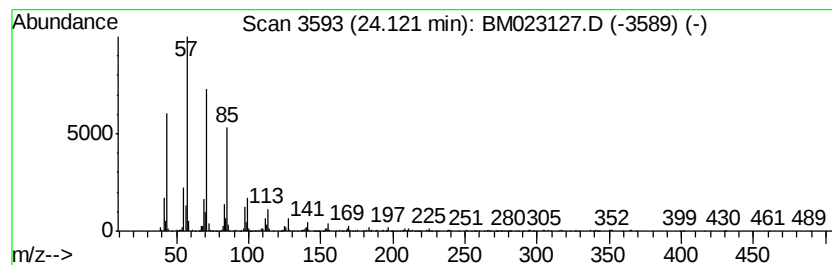
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	7.15 ng/ul	834575	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023127.D
Acq On : 11 Oct 2019 13:32
Operator : JU
Sample : K5124-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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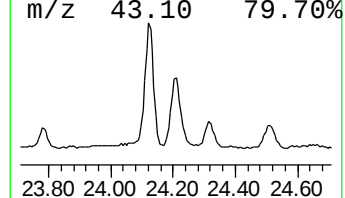
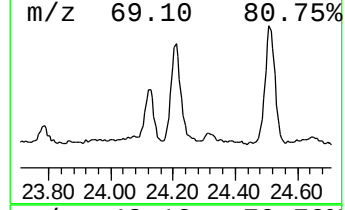
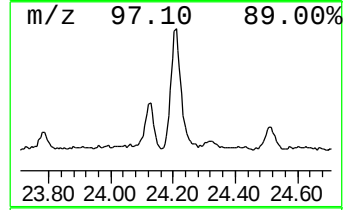
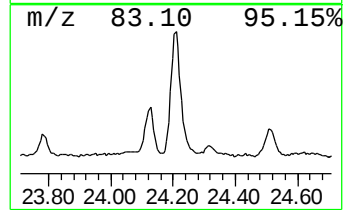
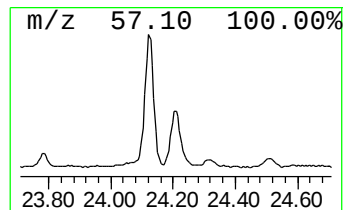
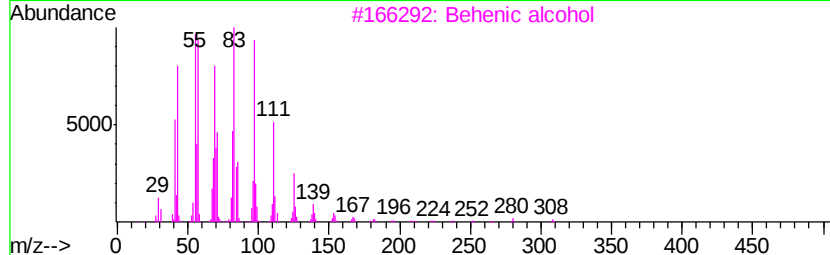
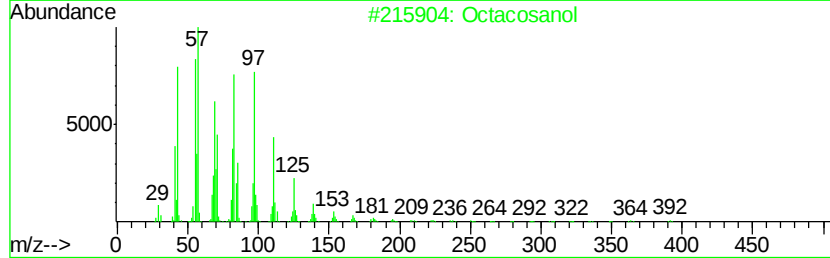
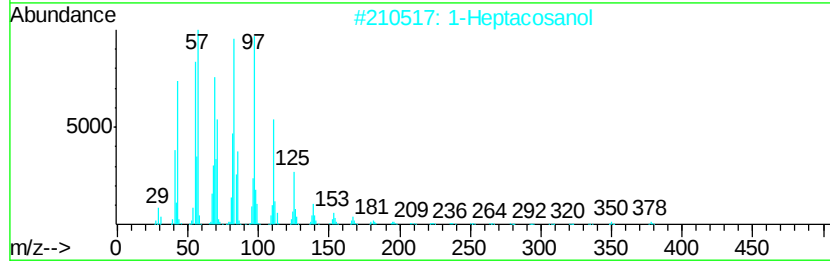
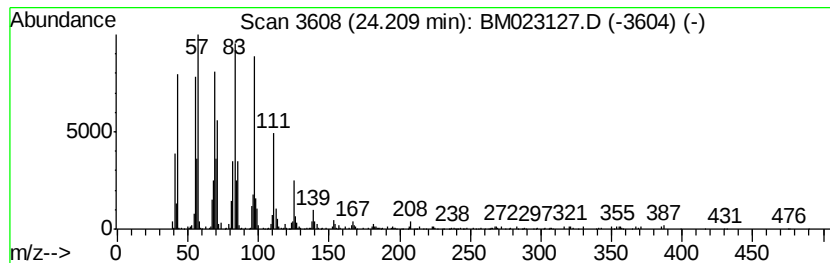
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	6.71 ng/ul	783989	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		Octacosanol	410	C28H58O	000557-61-9	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023127.D
Acq On : 11 Oct 2019 13:32
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Sample : K5124-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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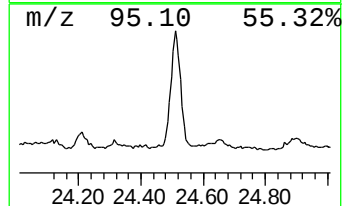
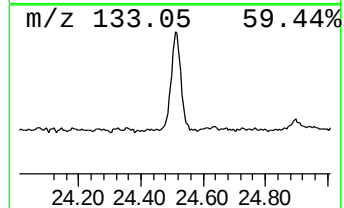
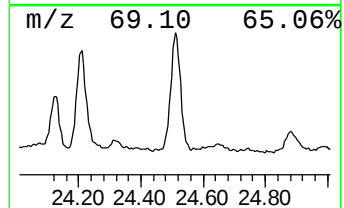
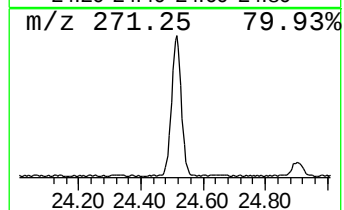
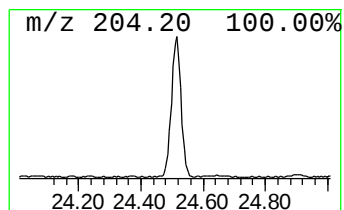
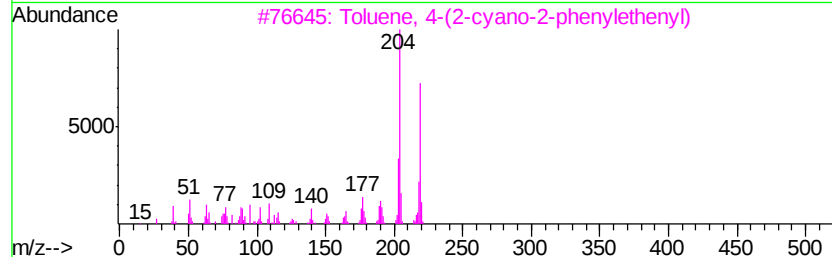
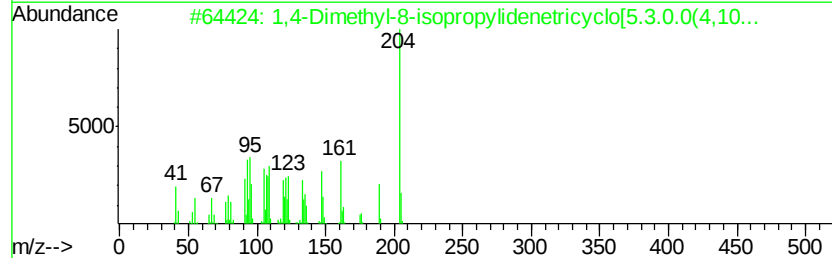
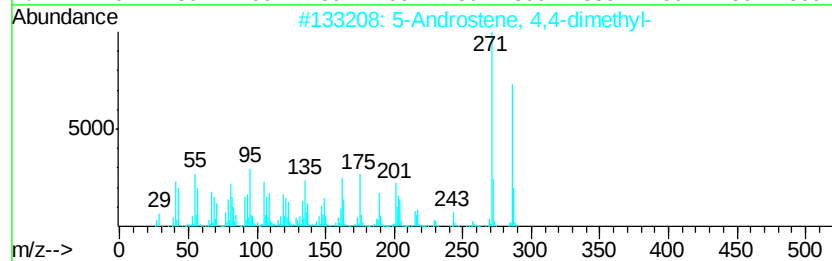
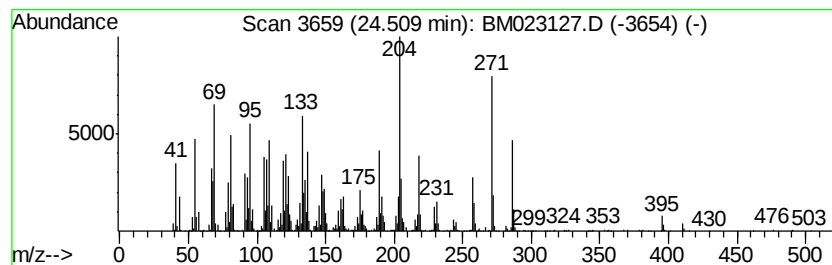
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	16.91 ng/ul	1974930	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	46
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41
3		Toluene, 4-(2-cyano-2-phenylethe...	219	C16H13N	006443-76-1	27
4		1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	22
5		5.beta.-Pregn-11-ene	286	C21H34	006673-73-0	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023127.D
Acq On : 11 Oct 2019 13:32
Operator : JU
Sample : K5124-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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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Nonadecane, 1-chl...	21.49	3.1	ng/ul	313399	5	21.33	2044130	20.0
(DEL) Alkane: Str...	21.93	11.9	ng/ul	1212170	5	21.33	2044130	20.0
(DEL) Alkane: Str...	22.90	5.3	ng/ul	618946	6	23.58	2335930	20.0
(DEL) Alkane: Cyc...	22.94	9.4	ng/ul	1096470	6	23.58	2335930	20.0
(DEL) Alkane: Str...	24.12	7.2	ng/ul	834575	6	23.58	2335930	20.0
1-Heptacosanol	24.21	6.7	ng/ul	783989	6	23.58	2335930	20.0
unknown-01	24.51	16.9	ng/ul	1974930	6	23.58	2335930	20.0