

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024329.D
 Acq On : 27 Dec 2019 16:41
 Operator : JU
 Sample : K6280-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF38

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	rVB2	57843	87906	1.58%	0.148%
2	3.681	132	135	140	rVB4	13658	19816	0.36%	0.033%
3	4.146	210	214	218	rVB6	6497	10010	0.18%	0.017%
4	5.569	453	456	460	rBV5	4048	6534	0.12%	0.011%
5	6.587	622	629	630	rBV6	3506	5961	0.11%	0.010%
6	6.622	630	635	647	rVV2	212612	459706	8.26%	0.776%
7	6.769	654	660	674	rBV	626537	1034763	18.59%	1.748%
8	6.863	674	676	682	rVB7	5653	8547	0.15%	0.014%
9	6.957	685	692	705	rBV	709008	1192638	21.43%	2.014%
10	7.416	763	770	777	rBV	923956	1492035	26.81%	2.520%
11	7.481	777	781	789	rVB3	38077	77825	1.40%	0.131%
12	8.140	887	893	909	rBV	579732	1034358	18.59%	1.747%
13	8.504	951	955	958	rBV4	9824	14952	0.27%	0.025%
14	8.569	958	966	978	rBV	748538	1306981	23.49%	2.207%
15	8.998	1034	1039	1043	rVB	19517	28872	0.52%	0.049%
16	9.287	1079	1088	1104	rBV	643329	1124284	20.20%	1.899%
17	9.598	1138	1141	1148	rVB6	3066	5960	0.11%	0.010%
18	9.740	1160	1165	1166	rBV4	5082	6177	0.11%	0.010%
19	9.822	1173	1179	1199	rVV	876839	1729073	31.07%	2.920%
20	10.181	1233	1240	1250	rBV	1301634	2150101	38.64%	3.631%
21	10.357	1265	1270	1281	rBV2	25821	66990	1.20%	0.113%
22	10.704	1322	1329	1332	rBV8	5228	13769	0.25%	0.023%
23	11.734	1498	1504	1505	rBV5	5874	7296	0.13%	0.012%
24	11.798	1510	1515	1523	rVV4	15497	34733	0.62%	0.059%
25	13.380	1779	1784	1787	rBV6	4709	6482	0.12%	0.011%
26	13.504	1799	1805	1810	rBV	2014405	2732484	49.10%	4.615%
27	13.551	1810	1813	1823	rVB	159730	236900	4.26%	0.400%
28	13.769	1843	1850	1863	rBV	2209281	3302790	59.35%	5.578%
29	13.957	1876	1882	1896	rBV2	81454	226725	4.07%	0.383%
30	14.080	1896	1903	1920	rVB	1902381	2871783	51.60%	4.850%
31	14.357	1944	1950	1963	rBV	103829	274874	4.94%	0.464%
32	14.545	1980	1982	1987	rVB6	11805	12257	0.22%	0.021%
33	14.639	1995	1998	2002	rVB5	4313	6179	0.11%	0.010%
34	14.757	2016	2018	2022	rVB4	6177	5620	0.10%	0.009%

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35	14.786	2022	2023	2028	rVB5	5291	6087	0.11%	0.010%
36	14.863	2032	2036	2039	rBV4	10650	16719	0.30%	0.028%
37	14.904	2041	2043	2047	rVB4	5604	6401	0.12%	0.011%
38	14.969	2052	2054	2058	rVB5	6707	8844	0.16%	0.015%
39	15.080	2067	2073	2085	rBV	2742591	4047036	72.72%	6.835%
40	15.239	2095	2100	2111	rBV	799008	1236517	22.22%	2.088%
41	15.322	2111	2114	2120	rVB2	37823	64770	1.16%	0.109%
42	15.480	2137	2141	2145	rBV6	6993	10622	0.19%	0.018%
43	15.522	2147	2148	2153	rVB5	6063	7698	0.14%	0.013%
44	15.833	2198	2201	2204	rBV4	6769	9582	0.17%	0.016%
45	15.874	2204	2208	2211	rVB5	11148	16584	0.30%	0.028%
46	16.063	2237	2240	2244	rVB6	7382	8607	0.15%	0.015%
47	16.445	2302	2305	2307	rBV4	4663	5917	0.11%	0.010%
48	16.627	2331	2336	2343	rBV2	23304	34551	0.62%	0.058%
49	16.839	2366	2372	2383	rBV	2319974	3296740	59.24%	5.568%
50	16.939	2383	2389	2404	rVV	3036052	4356729	78.29%	7.358%
51	17.521	2483	2488	2493	rBV8	17958	31289	0.56%	0.053%
52	17.763	2524	2529	2539	rBV	249624	407179	7.32%	0.688%
53	18.880	2716	2719	2722	rBV	36201	45329	0.81%	0.077%
54	19.062	2746	2750	2758	rBV2	118985	200324	3.60%	0.338%
55	19.133	2760	2762	2766	rVB2	37602	44541	0.80%	0.075%
56	19.251	2776	2782	2787	rBV	3536912	4989372	89.65%	8.426%
57	19.798	2873	2875	2877	rBV3	25856	26986	0.48%	0.046%
58	19.833	2878	2881	2886	rVB2	50939	58560	1.05%	0.099%
59	20.333	2963	2966	2970	rVB	110655	106720	1.92%	0.180%
60	20.798	3040	3045	3051	rBV	821798	1086528	19.52%	1.835%
61	21.056	3084	3089	3099	rBV	2911252	3824440	68.72%	6.459%
62	21.233	3116	3119	3125	rBV	292762	347128	6.24%	0.586%
63	21.656	3187	3191	3197	rBV	400228	530546	9.53%	0.896%
64	22.092	3261	3265	3270	rBV	543749	643430	11.56%	1.087%
65	22.562	3342	3345	3351	rVB	520890	717871	12.90%	1.212%
66	23.045	3421	3427	3432	rBV	3181173	5565103	100.00%	9.399%
67	23.092	3432	3435	3442	rVV	588062	885648	15.91%	1.496%
68	23.180	3444	3450	3463	rVB	2288770	4199916	75.47%	7.093%
69	23.692	3532	3537	3544	rVB	424192	772441	13.88%	1.305%

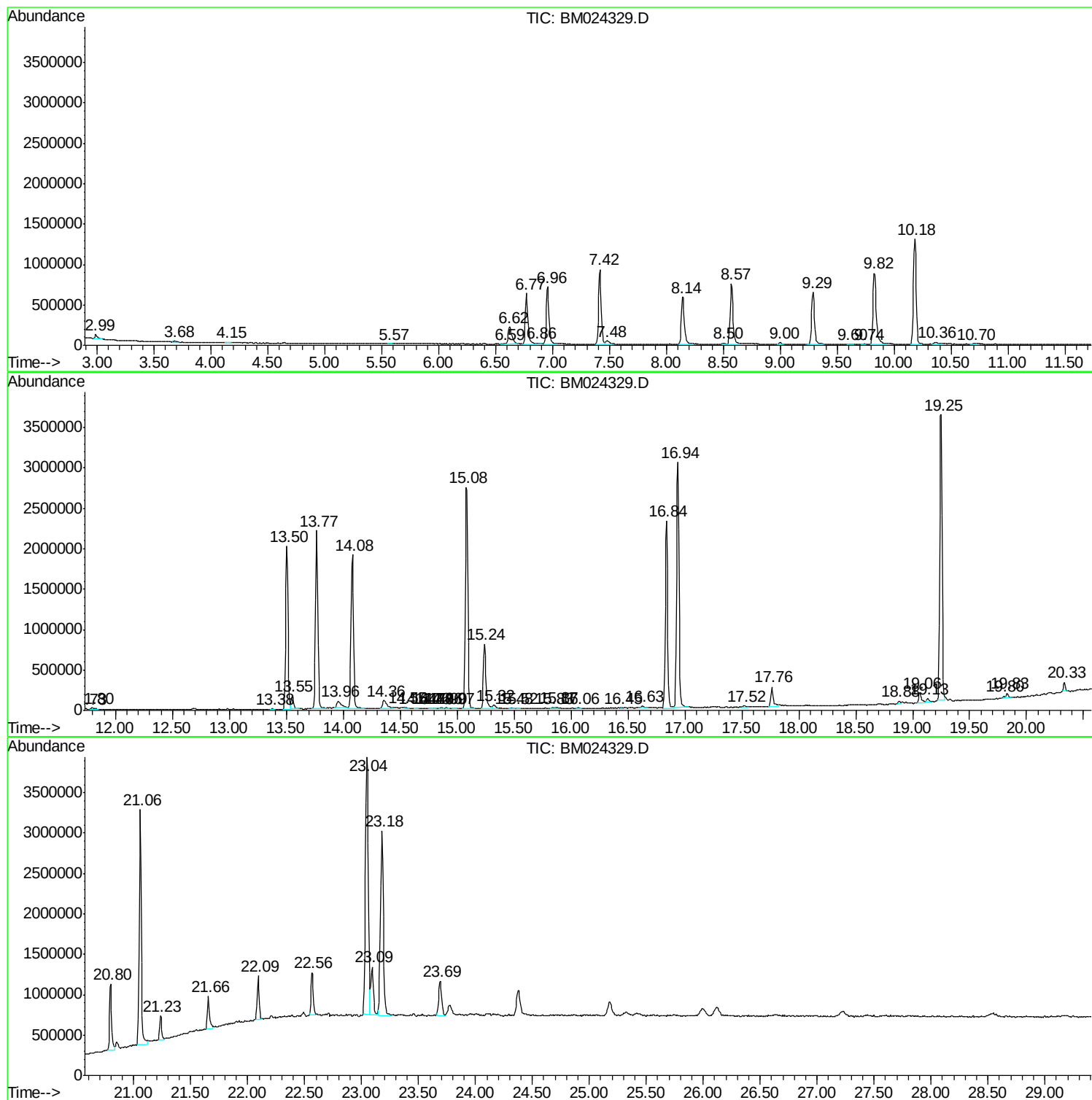
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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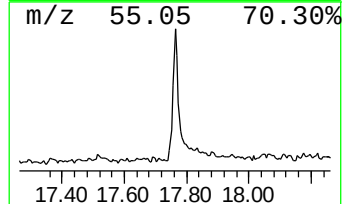
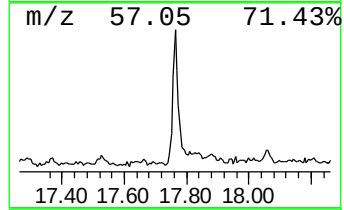
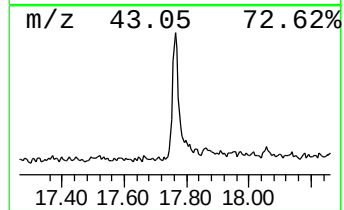
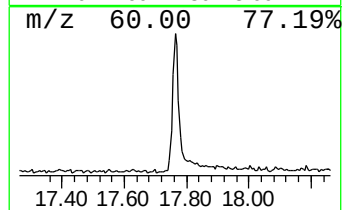
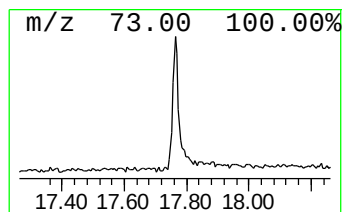
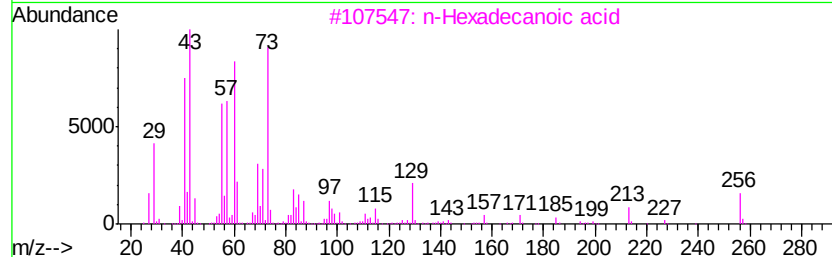
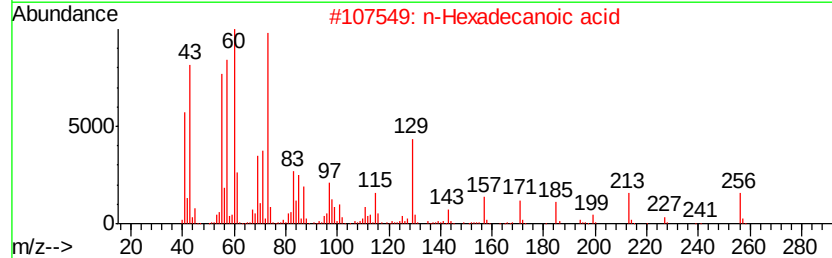
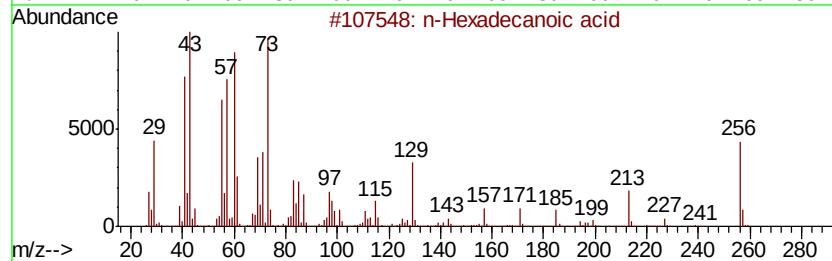
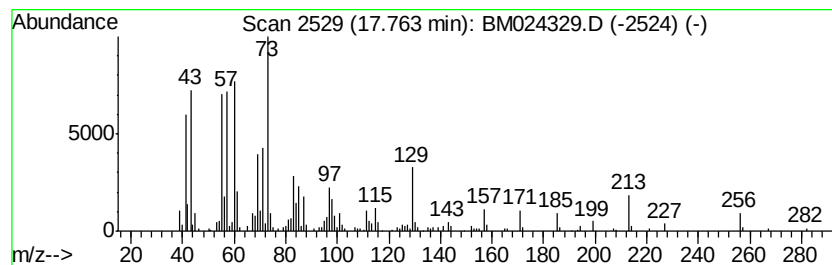
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.47 ng/ul	407179	Phenanthrene-d10	16.84
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	98
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	86
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	74



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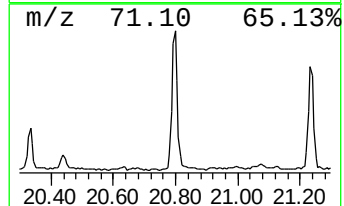
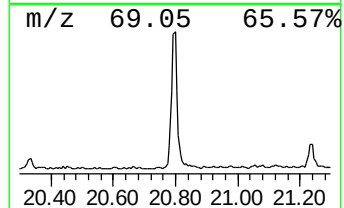
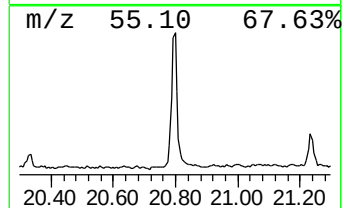
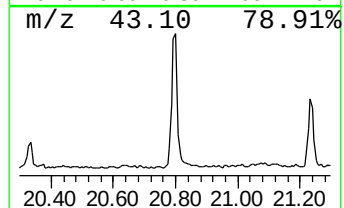
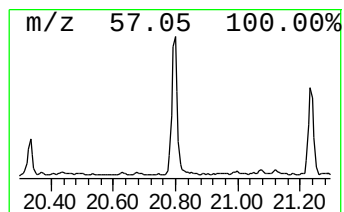
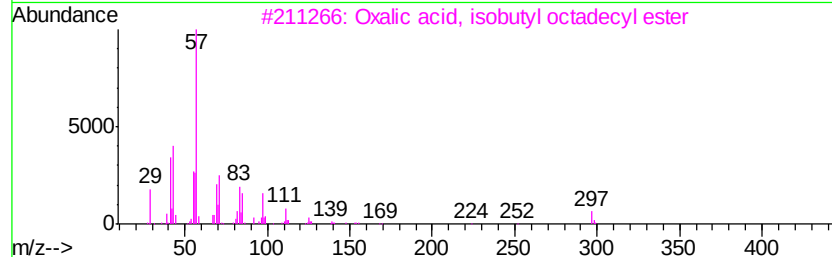
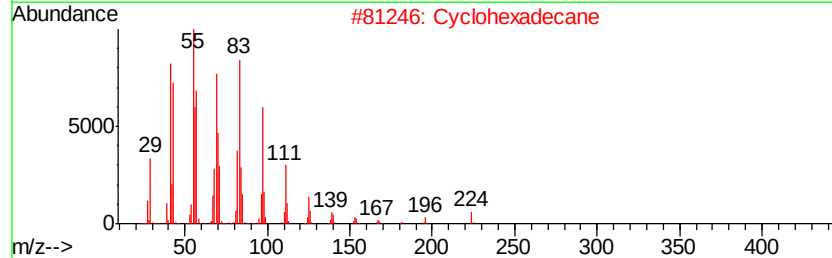
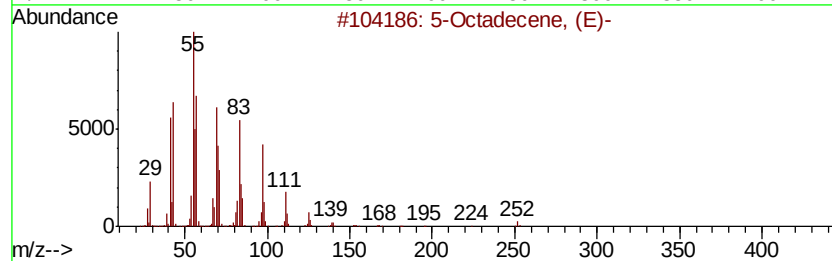
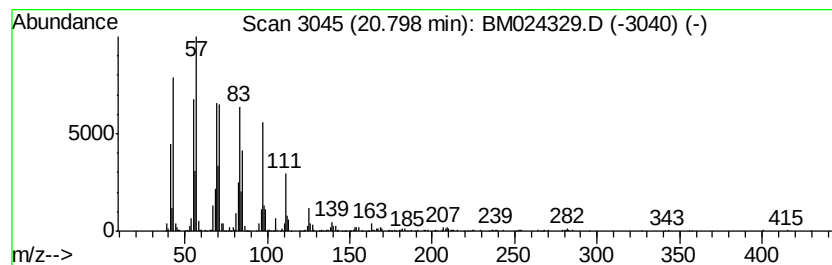
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.68 ng/ul	1086530	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Octadecene, (E)-	252 C18H36	007206-21-5	95
2	Cyclohexadecane	224 C16H32	000295-65-8	93
3	Oxalic acid, isobutyl octadecyl ...	398 C24H46O4	1000309-38-3	91
4	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	91
5	Oxalic acid, isobutyl hexadecyl ...	370 C22H42O4	1000309-38-1	91



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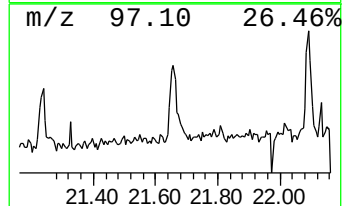
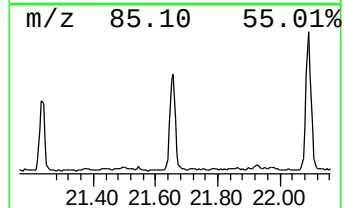
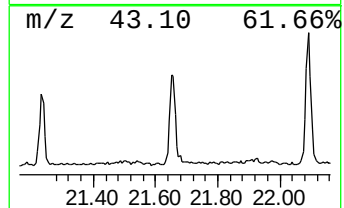
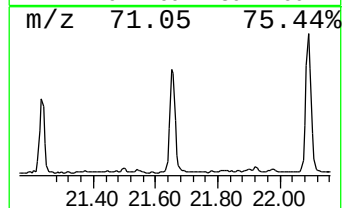
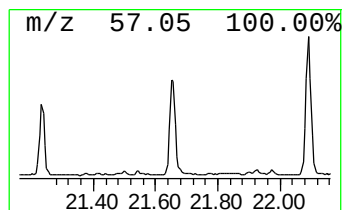
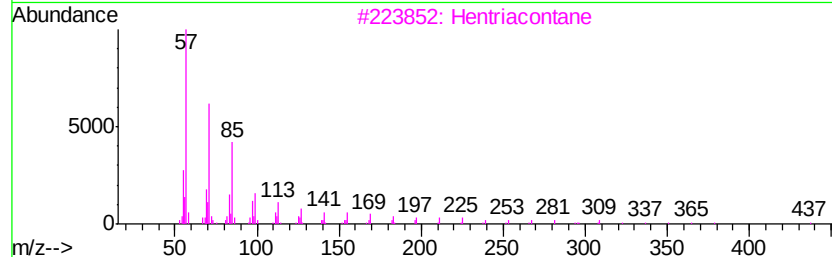
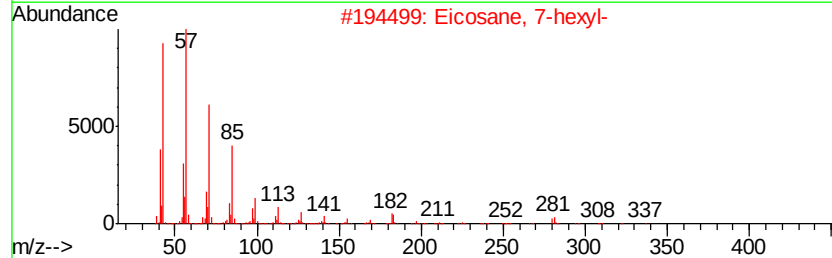
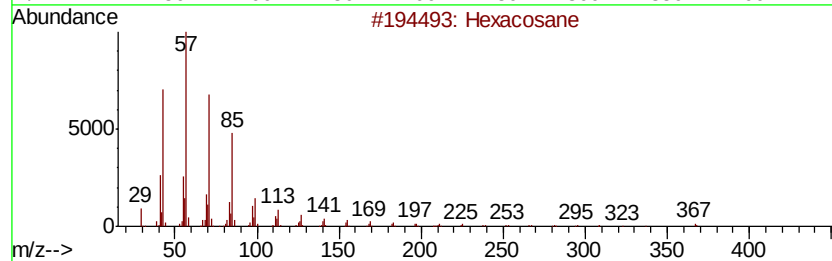
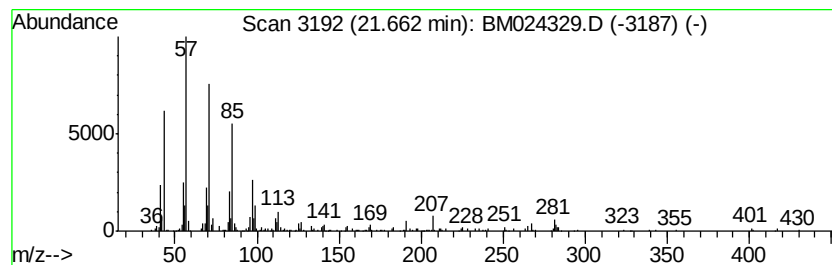
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.77 ng/ul	530546	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane	240	C17H36	000629-78-7	86



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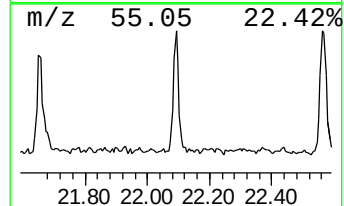
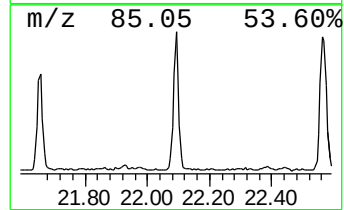
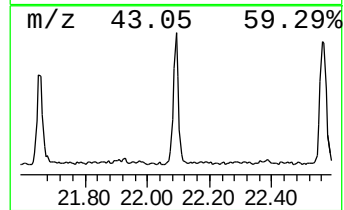
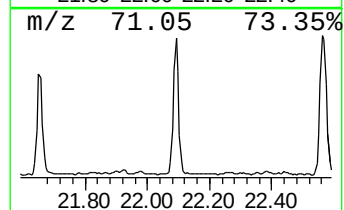
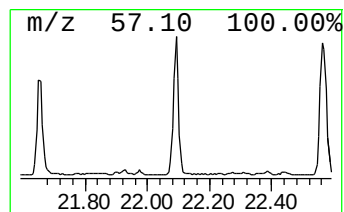
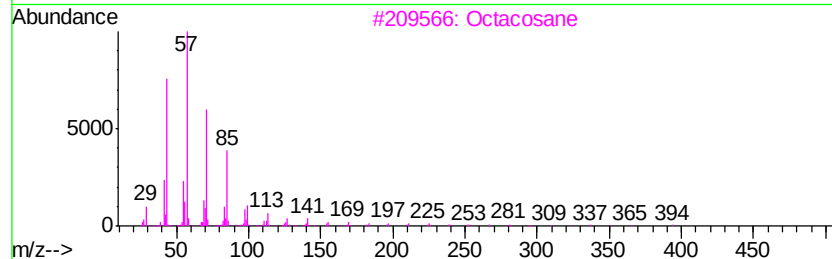
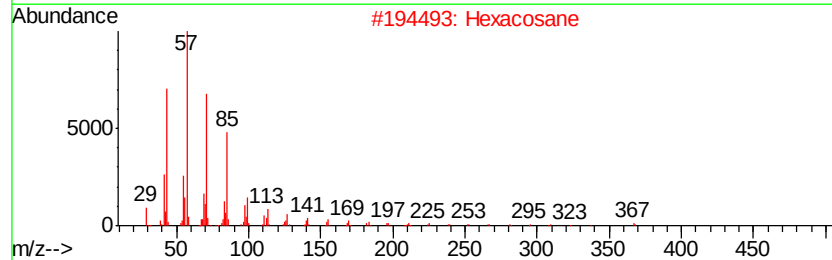
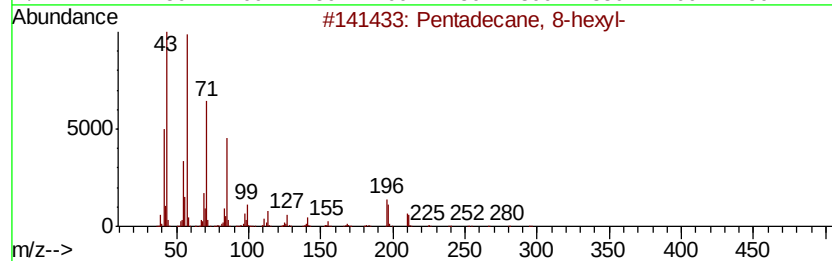
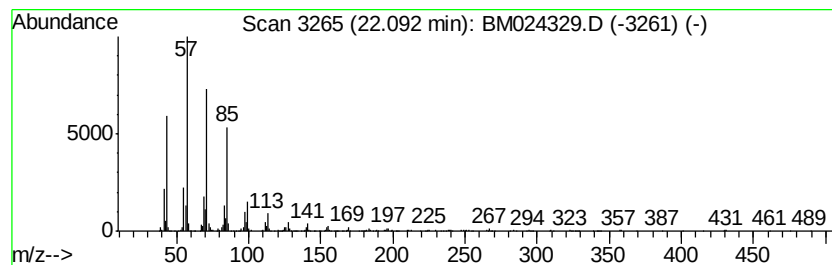
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	3.36 ng/ul	643430	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	86



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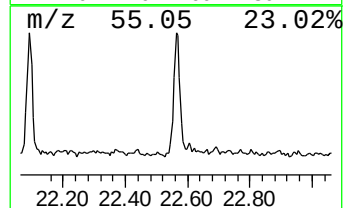
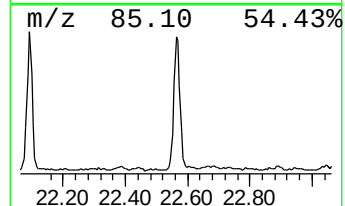
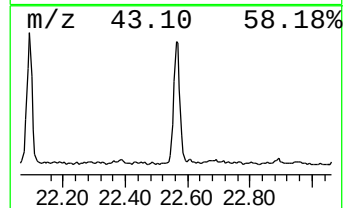
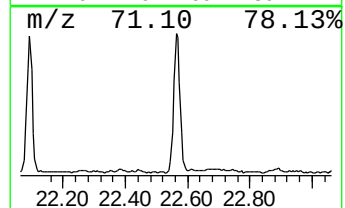
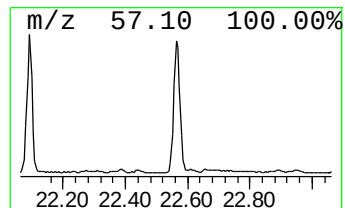
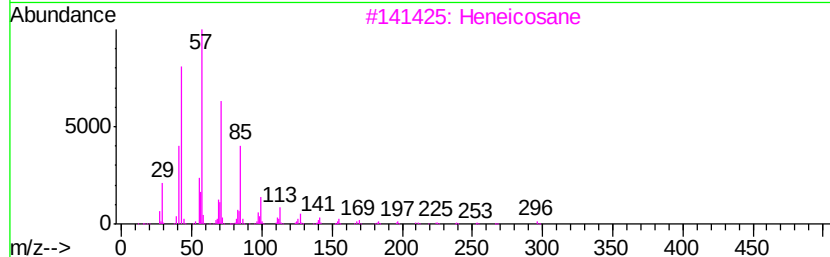
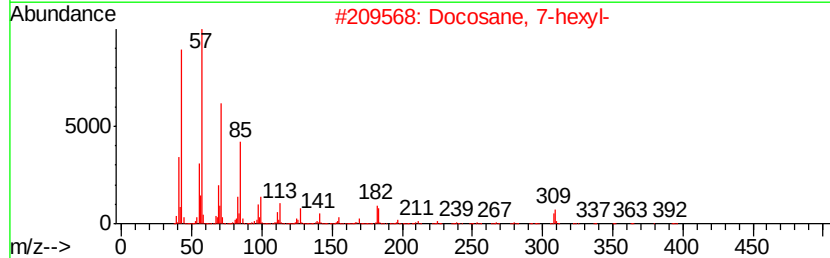
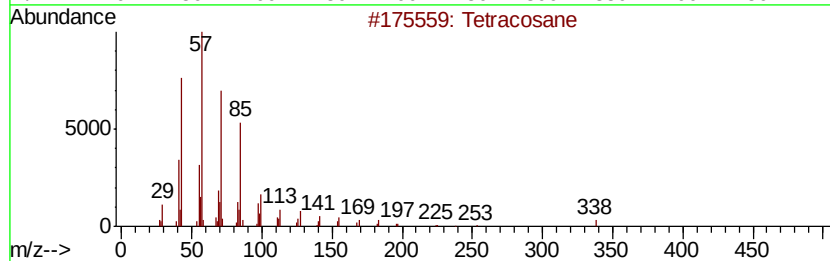
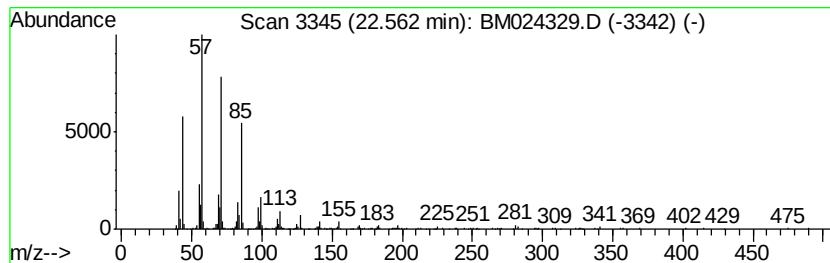
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.42 ng/ul	717871	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024329.D
Acq On : 27 Dec 2019 16:41
Operator : JU
Sample : K6280-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF38

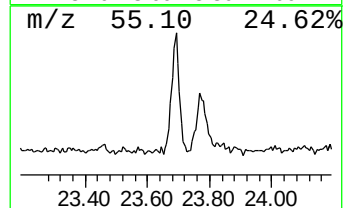
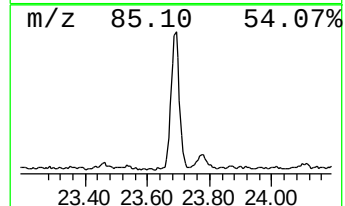
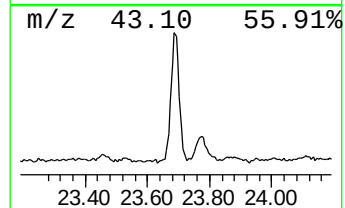
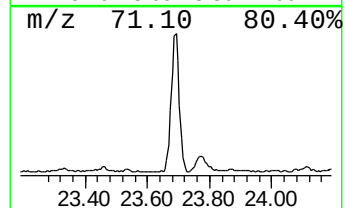
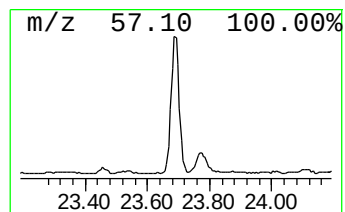
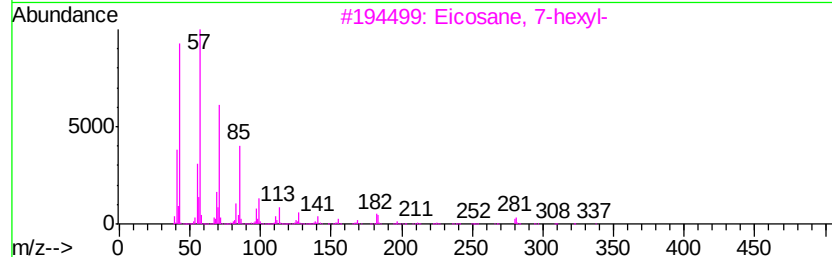
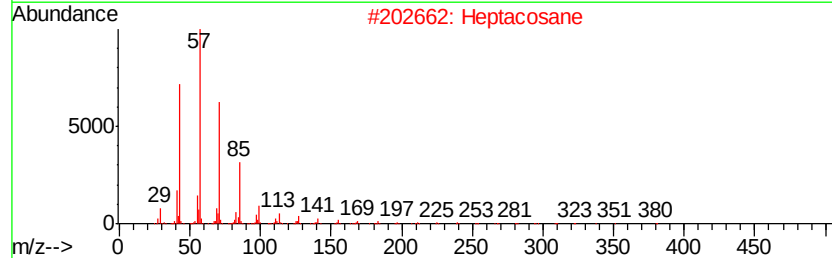
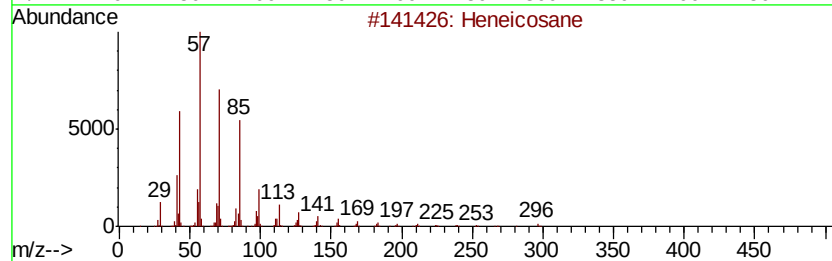
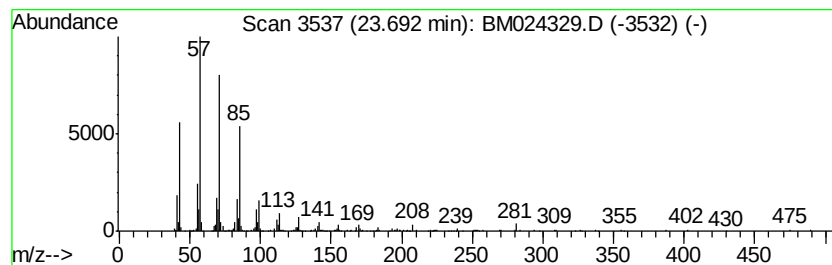
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.68 ng/ul	772441	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122719\
Data File : BM024329.D
Acq On : 27 Dec 2019 16:41
Operator : JU
Sample : K6280-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF38

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
n-Hexadecanoic acid	17.76	2.5	ng/ul	407179	4	16.84	3296740	20.0
(DEL) Alkane: Cyc...	20.80	5.7	ng/ul	1086530	5	21.06	3824440	20.0
(DEL) Alkane: Str...	21.66	2.8	ng/ul	530546	5	21.06	3824440	20.0
(DEL) Alkane: Str...	22.09	3.4	ng/ul	643430	5	21.06	3824440	20.0
(DEL) Alkane: Str...	22.56	3.4	ng/ul	717871	6	23.18	4199920	20.0
(DEL) Alkane: Str...	23.69	3.7	ng/ul	772441	6	23.18	4199920	20.0