

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019664.D
 Acq On : 01 Apr 2019 20:34
 Operator : JU/SJ
 Sample : K2119-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5A9

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-BM032219MA.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	3.122	20	23	35	rVB	45216	77484	2.58%	0.192%
2	3.716	120	124	131	rVB2	16235	27276	0.91%	0.068%
3	3.816	138	141	143	rBV3	4309	5075	0.17%	0.013%
4	4.363	233	234	239	rVB4	2498	3358	0.11%	0.008%
5	4.710	290	293	299	rBV	14957	23678	0.79%	0.059%
6	4.763	299	302	309	rVB5	6343	12304	0.41%	0.030%
7	6.751	634	640	661	rBV	402616	789939	26.27%	1.958%
8	6.922	664	669	687	rBV	364517	651691	21.67%	1.615%
9	7.104	694	700	716	rVB	504386	830705	27.63%	2.059%
10	7.569	771	779	787	rBV	694673	1122854	37.34%	2.783%
11	7.634	787	790	796	rVB3	10223	16525	0.55%	0.041%
12	8.286	894	901	919	rBV	561706	1032768	34.35%	2.560%
13	8.416	919	923	931	rVB7	5866	10235	0.34%	0.025%
14	8.739	971	978	995	rBV	459005	815241	27.11%	2.021%
15	9.063	1028	1033	1041	rVB	10783	15719	0.52%	0.039%
16	9.451	1092	1099	1116	rBV	389098	685215	22.79%	1.698%
17	9.980	1183	1189	1208	rBV	525370	1011369	33.64%	2.507%
18	10.345	1244	1251	1263	rBV	1022807	1682558	55.96%	4.170%
19	10.516	1272	1280	1301	rBV	411960	981522	32.64%	2.433%
20	11.980	1521	1529	1538	rVB4	4680	11410	0.38%	0.028%
21	13.104	1717	1720	1725	rVB4	3283	5247	0.17%	0.013%
22	13.651	1807	1813	1817	rBV	1226341	1691904	56.27%	4.193%
23	13.698	1817	1821	1833	rVB	378871	574365	19.10%	1.424%
24	13.921	1852	1859	1878	rBV	1347155	1973590	65.64%	4.891%
25	14.110	1889	1891	1896	rVB2	2993	3277	0.11%	0.008%
26	14.227	1905	1911	1928	rVB2	1492918	2295443	76.34%	5.689%
27	14.480	1948	1954	1975	rBV	175758	562394	18.70%	1.394%
28	14.657	1981	1984	1994	rVB4	14551	28986	0.96%	0.072%
29	14.833	2012	2014	2022	rVB5	2160	3779	0.13%	0.009%
30	15.021	2042	2046	2050	rVB	12006	15312	0.51%	0.038%
31	15.074	2050	2055	2058	rBV4	4860	7327	0.24%	0.018%
32	15.233	2075	2082	2095	rBV	1751925	2547383	84.72%	6.314%
33	15.380	2102	2107	2119	rBV	442557	685391	22.79%	1.699%
34	15.474	2119	2123	2127	rVB	20885	28708	0.95%	0.071%

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35	15.792	2171	2177	2183	rVB3	2537	4260	0.14%	0.011%
36	15.933	2199	2201	2205	rBV2	4419	6463	0.21%	0.016%
37	15.980	2205	2209	2213	rVV2	18849	34118	1.13%	0.085%
38	16.015	2213	2215	2219	rVB3	9396	11056	0.37%	0.027%
39	16.404	2278	2281	2283	rBV2	3015	3181	0.11%	0.008%
40	16.733	2334	2337	2341	rBV3	4779	5951	0.20%	0.015%
41	16.780	2341	2345	2351	rVB3	7365	11368	0.38%	0.028%
42	16.986	2374	2380	2391	rBV2	1808135	2598313	86.41%	6.440%
43	17.086	2391	2397	2414	rVV	1869067	2701089	89.83%	6.695%
44	17.198	2414	2416	2420	rVB4	3391	3920	0.13%	0.010%
45	17.274	2425	2429	2432	rVV3	3395	4552	0.15%	0.011%
46	17.380	2442	2447	2450	rBV6	4674	9063	0.30%	0.022%
47	17.474	2459	2463	2466	rBV2	7505	11023	0.37%	0.027%
48	17.527	2466	2472	2474	rVV3	2208	3783	0.13%	0.009%
49	17.651	2489	2493	2499	rVB5	5599	9797	0.33%	0.024%
50	17.751	2508	2510	2514	rVB4	2797	3622	0.12%	0.009%
51	17.821	2519	2522	2525	rVB4	4064	4670	0.16%	0.012%
52	17.880	2525	2532	2543	rBV	176237	294170	9.78%	0.729%
53	17.956	2543	2545	2552	rVB	15420	23364	0.78%	0.058%
54	18.162	2576	2580	2584	rBV3	15165	20210	0.67%	0.050%
55	18.227	2587	2591	2597	rVV7	3700	7713	0.26%	0.019%
56	18.415	2621	2623	2624	rBV2	5225	4523	0.15%	0.011%
57	18.486	2632	2635	2639	rBV6	3145	5085	0.17%	0.013%
58	18.533	2641	2643	2645	rBV2	4434	4348	0.14%	0.011%
59	18.645	2660	2662	2664	rBV3	3581	3619	0.12%	0.009%
60	18.756	2677	2681	2685	rVB6	5826	8199	0.27%	0.020%
61	18.809	2686	2690	2694	rVV5	11716	15225	0.51%	0.038%
62	18.968	2715	2717	2720	rBV4	3084	3482	0.12%	0.009%
63	19.033	2724	2728	2733	rBV	25165	41108	1.37%	0.102%
64	19.174	2748	2752	2760	rBV2	60427	103915	3.46%	0.258%
65	19.286	2767	2771	2774	rBV2	15715	17598	0.59%	0.044%
66	19.398	2784	2790	2799	rBV	2229377	2969957	98.77%	7.361%
67	19.733	2844	2847	2850	rBV	46774	47426	1.58%	0.118%
68	19.774	2850	2854	2858	rVB	87484	94723	3.15%	0.235%
69	19.909	2874	2877	2879	rBV4	15012	18664	0.62%	0.046%
70	20.433	2963	2966	2970	rVB4	21086	27442	0.91%	0.068%
71	20.715	3010	3014	3016	rBV2	39459	42344	1.41%	0.105%

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72	20.744	3016	3019	3024	rVB	57996	67308	2.24%	0.167%
73	20.897	3041	3045	3056	rBV	482346	671343	22.33%	1.664%
74	21.197	3091	3096	3107	rBV	2388204	3006810	100.00%	7.452%
75	21.333	3116	3119	3123	rBV	79779	82700	2.75%	0.205%
76	21.756	3188	3191	3194	rBV	125762	141411	4.70%	0.350%
77	22.209	3265	3268	3274	rVB	196897	243603	8.10%	0.604%
78	22.703	3348	3352	3357	rVB	257032	361422	12.02%	0.896%
79	23.256	3440	3446	3457	rBV	1572694	2951235	98.15%	7.314%
80	23.403	3464	3471	3480	rVB	1367707	2604665	86.63%	6.456%
81	23.874	3547	3551	3558	rVB	254583	412544	13.72%	1.022%
82	24.591	3669	3673	3683	rVB2	190421	395381	13.15%	0.980%

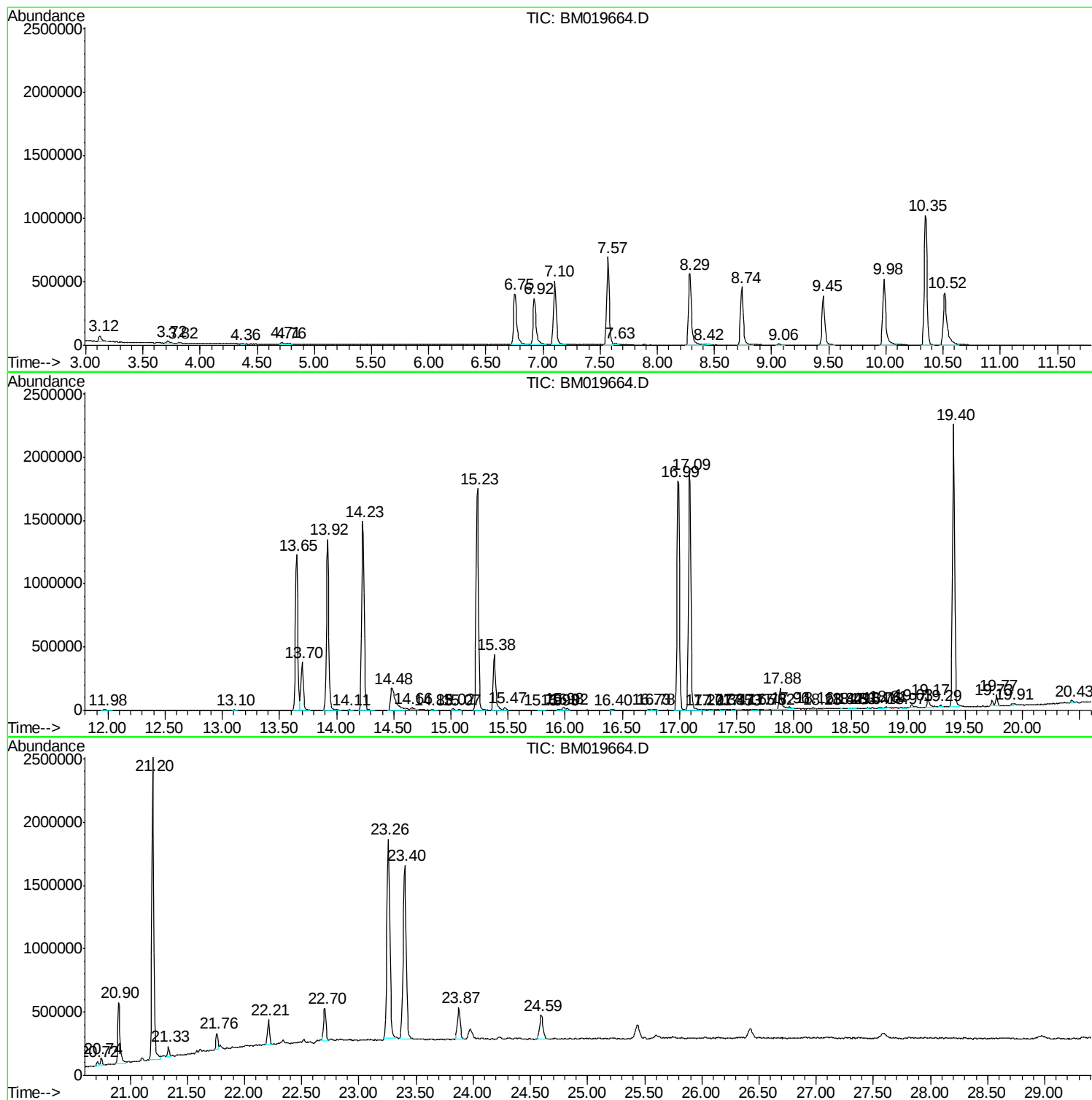
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 19 Sample Multiplier: 1

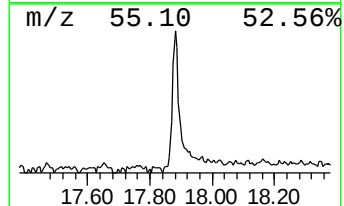
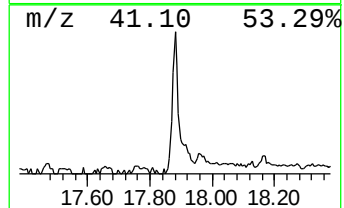
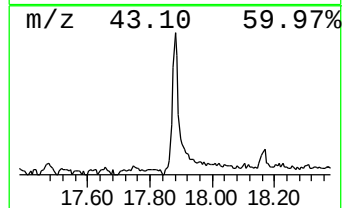
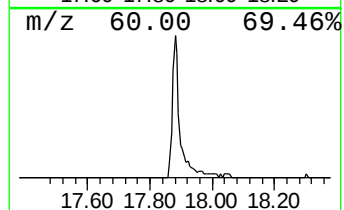
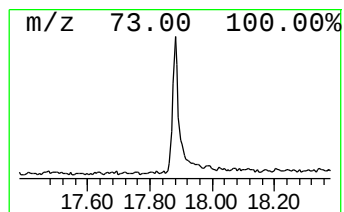
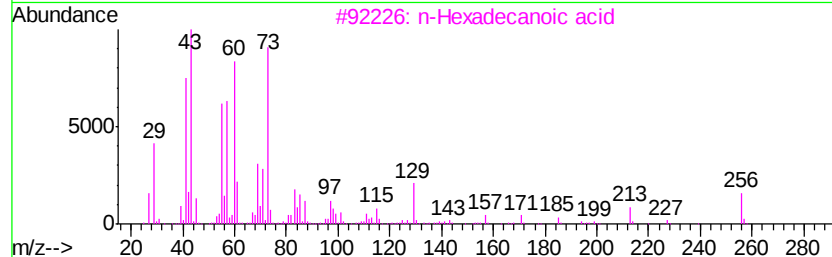
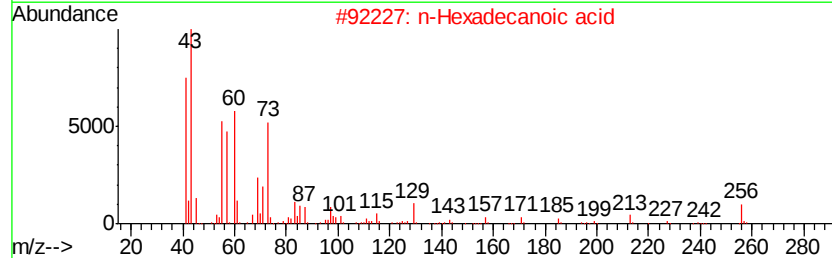
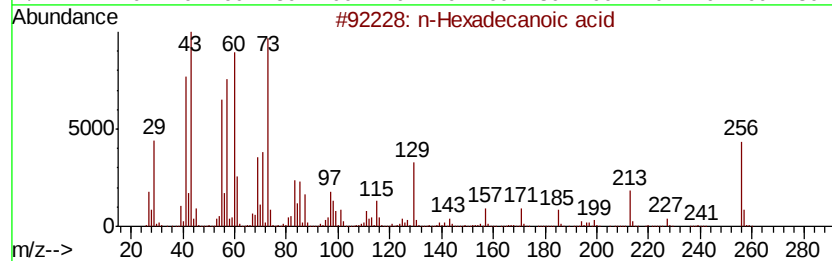
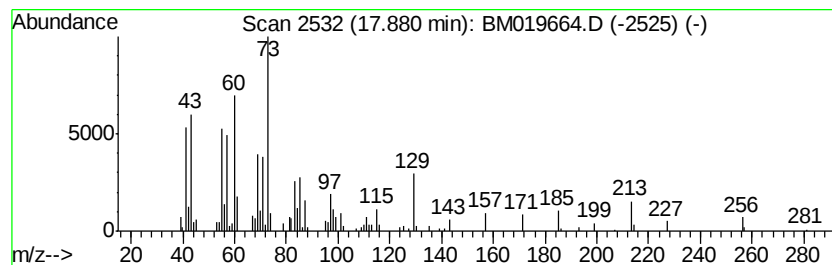
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	2.26 ng/ul	294170	Phenanthrene-d10		16.99
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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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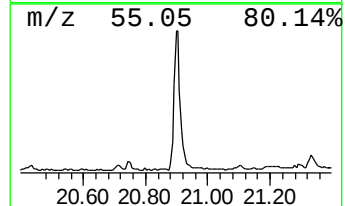
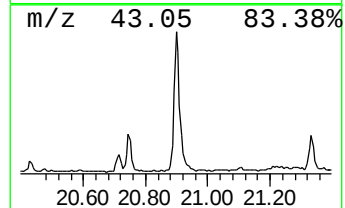
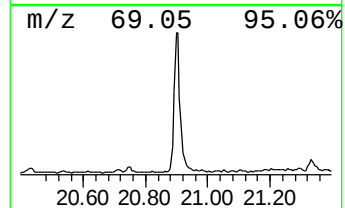
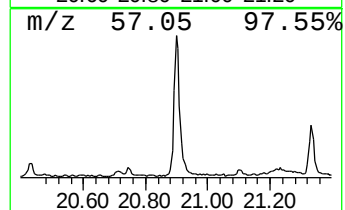
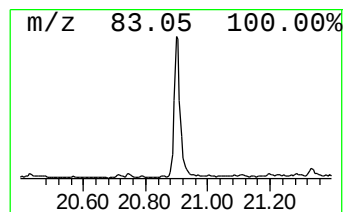
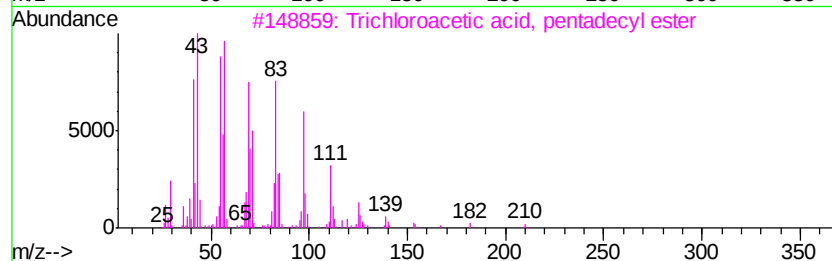
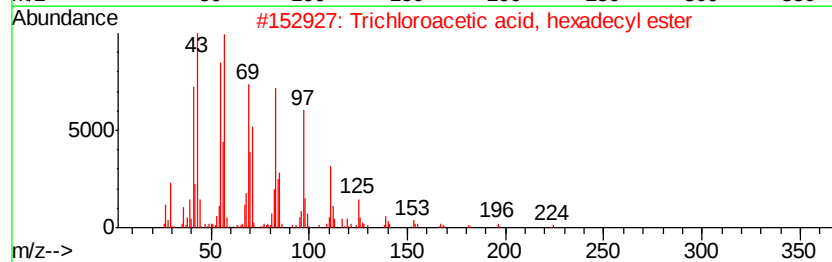
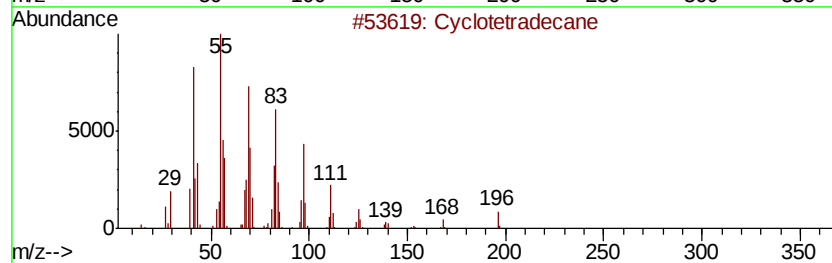
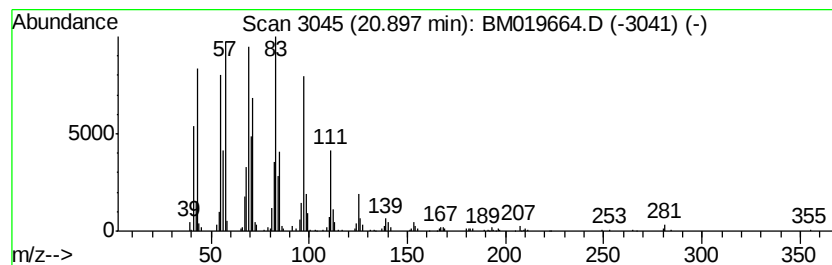
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.47 ng/ul	671343	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



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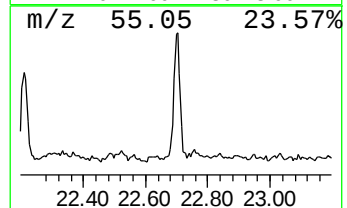
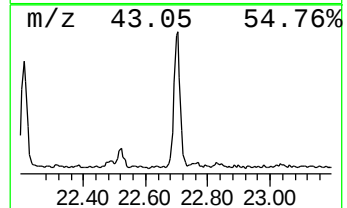
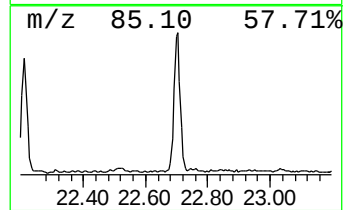
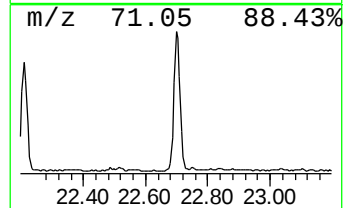
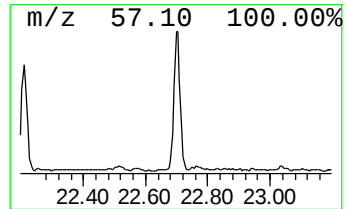
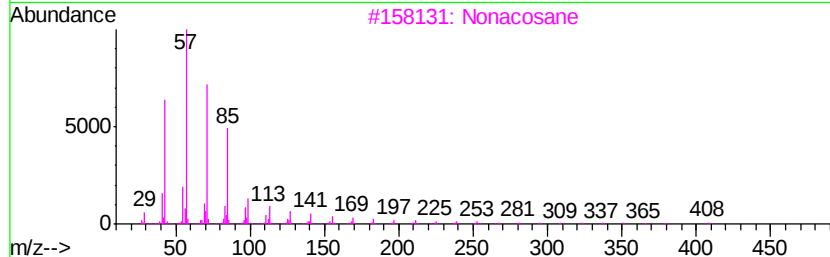
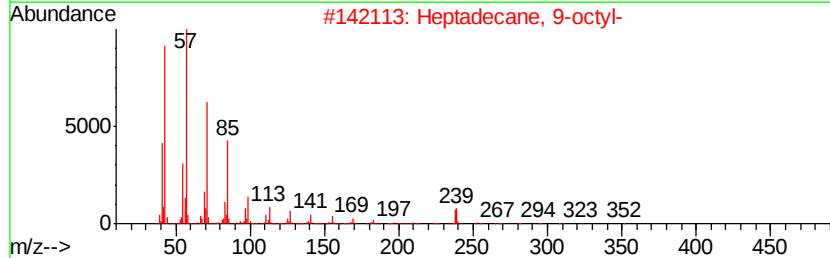
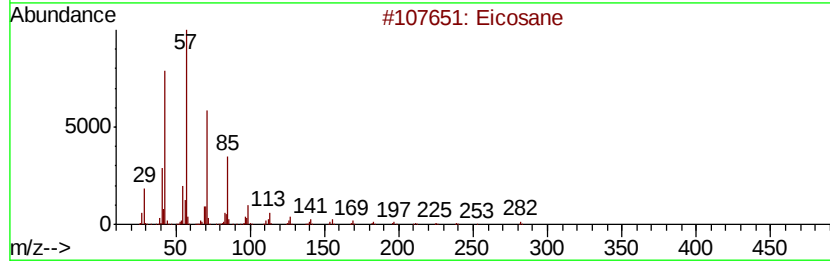
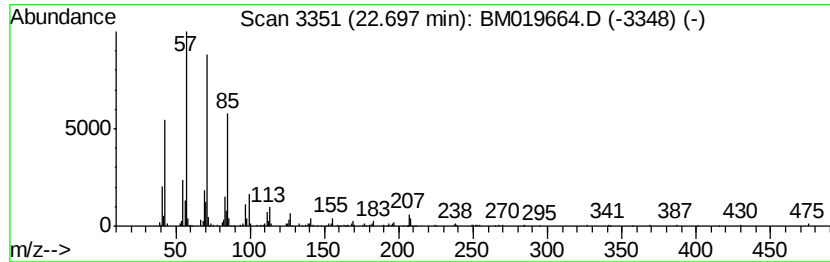
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.78 ng/ul	361422	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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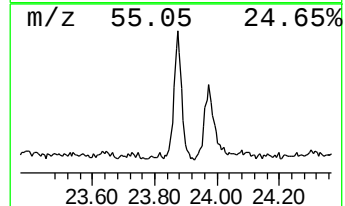
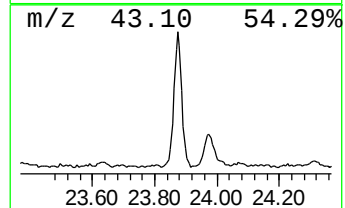
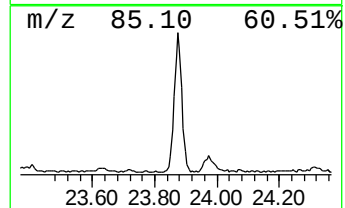
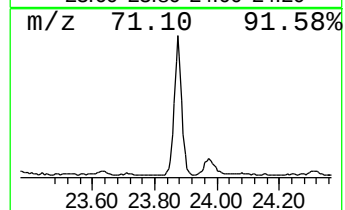
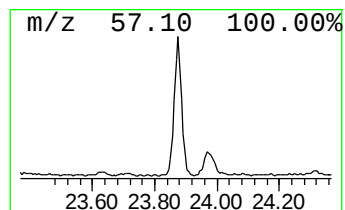
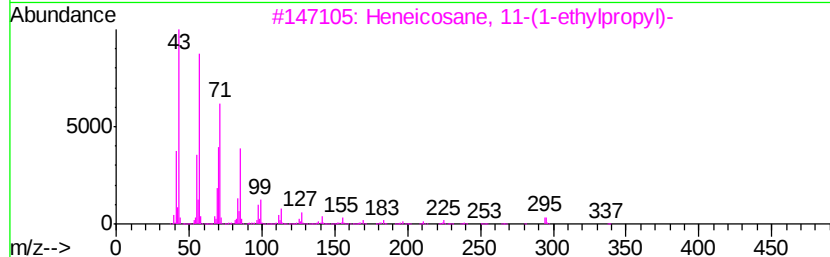
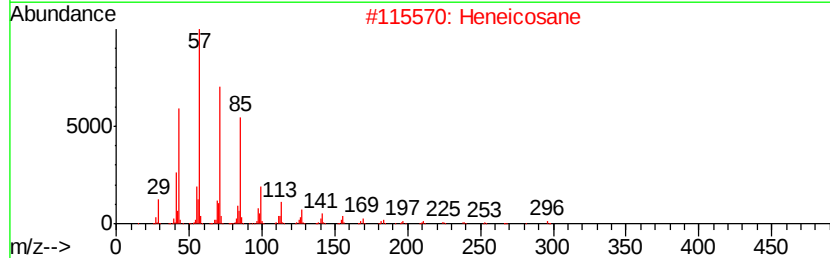
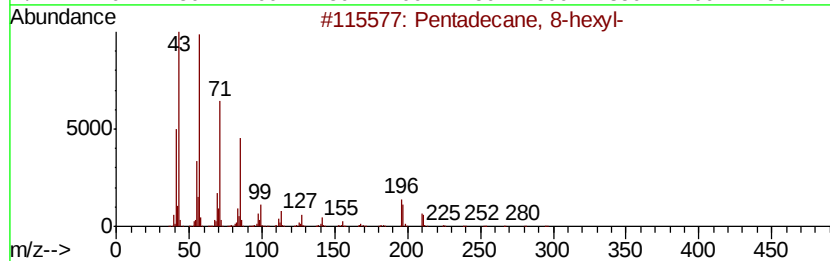
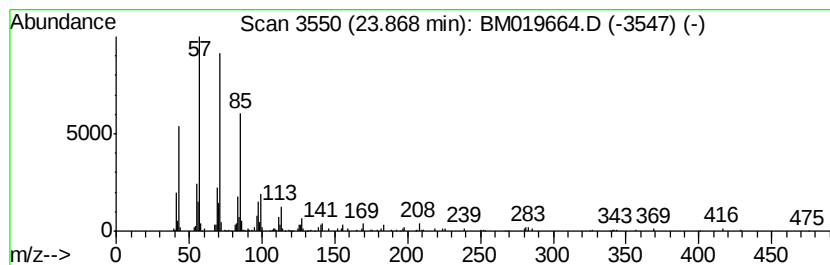
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.17 ng/ul	412544	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019664.D
Acq On : 01 Apr 2019 20:34
Operator : JU/SJ
Sample : K2119-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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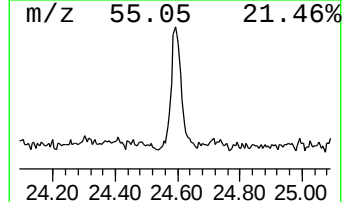
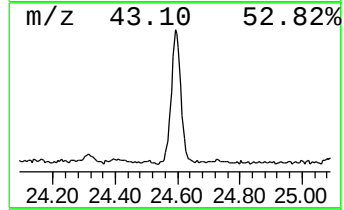
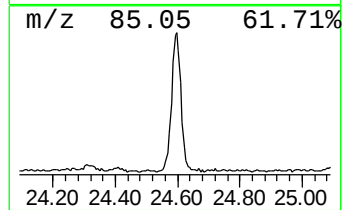
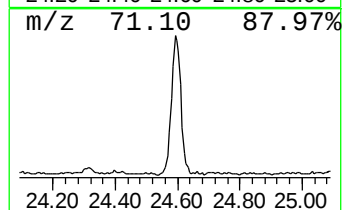
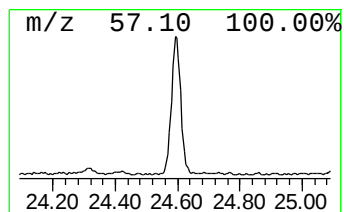
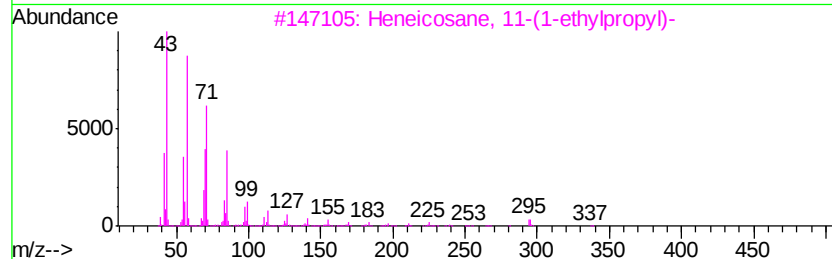
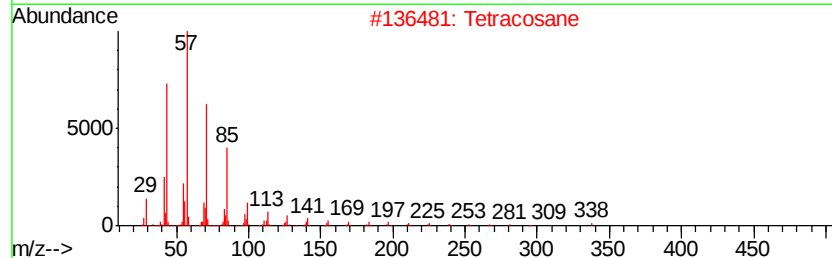
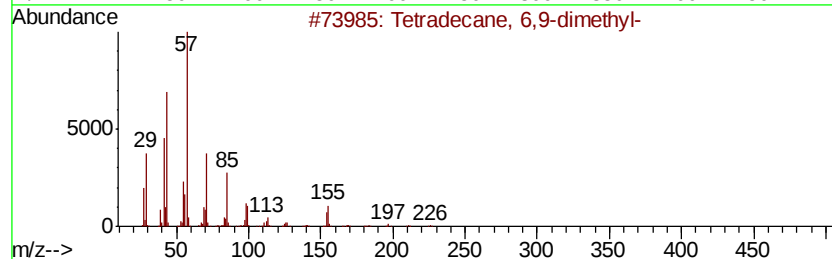
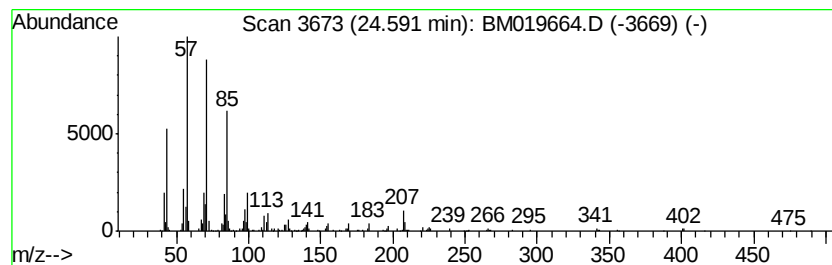
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.59	3.04 ng/ul	395381	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	81
2	Tetracosane	338	C24H50	000646-31-1	80
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4	Nonacosane	408	C29H60	000630-03-5	80
5	Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019664.D
Acq On : 01 Apr 2019 20:34
Operator : JU/SJ
Sample : K2119-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5A9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	2.3	ng/ul	294170	4	16.99	2598310	20.0
(DEL) Alkane: Cyc...	20.90	4.5	ng/ul	671343	5	21.20	3006810	20.0
(DEL) Alkane: Str...	22.70	2.8	ng/ul	361422	6	23.40	2604670	20.0
(DEL) Alkane: Str...	23.87	3.2	ng/ul	412544	6	23.40	2604670	20.0
(DEL) Alkane: Str...	24.59	3.0	ng/ul	395381	6	23.40	2604670	20.0