

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019841.D
 Acq On : 09 Apr 2019 22:56
 Operator : JU/SJ
 Sample : K2273-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC53

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	3.116	19	22	28	rVB	41482	53264	2.20%	0.231%
2	3.975	166	168	171	rBV4	3116	3921	0.16%	0.017%
3	4.157	197	199	200	rBV2	3455	2466	0.10%	0.011%
4	4.763	297	302	303	rBV4	2621	3441	0.14%	0.015%
5	6.081	519	526	531	rBV5	1487	4014	0.17%	0.017%
6	6.751	634	640	654	rBV	288561	598083	24.71%	2.593%
7	6.910	660	667	682	rBV	251471	460028	19.00%	1.994%
8	7.010	682	684	689	rVB4	2968	3807	0.16%	0.017%
9	7.092	692	698	711	rBV	390345	644455	26.62%	2.794%
10	7.557	770	777	786	rBV	409631	684315	28.27%	2.967%
11	7.622	786	788	791	rVV4	6934	8446	0.35%	0.037%
12	8.275	893	899	916	rBV	366186	728946	30.11%	3.160%
13	8.728	968	976	991	rBV	292731	552130	22.81%	2.394%
14	9.039	1023	1029	1035	rBV	17321	25543	1.06%	0.111%
15	9.439	1091	1097	1112	rBV	256336	488933	20.20%	2.120%
16	9.980	1182	1189	1212	rBV	308276	712117	29.42%	3.087%
17	10.133	1212	1215	1218	rVB4	2809	3912	0.16%	0.017%
18	10.333	1242	1249	1261	rVB	517777	863367	35.66%	3.743%
19	10.504	1271	1278	1301	rBV	265897	667077	27.56%	2.892%
20	11.557	1452	1457	1458	rBV2	4878	6193	0.26%	0.027%
21	11.969	1521	1527	1530	rBV2	3279	6232	0.26%	0.027%
22	13.010	1698	1704	1707	rBB2	2693	3273	0.14%	0.014%
23	13.639	1805	1811	1816	rBV	649754	938652	38.77%	4.070%
24	13.692	1816	1820	1832	rVV	147063	235067	9.71%	1.019%
25	13.910	1851	1857	1874	rBV	805420	1198574	49.51%	5.196%
26	14.133	1885	1895	1903	rBV4	25103	70903	2.93%	0.307%
27	14.221	1903	1910	1922	rVB2	679783	1058541	43.73%	4.589%
28	14.515	1954	1960	1969	rBV2	61803	184277	7.61%	0.799%
29	14.657	1981	1984	1990	rVB3	8840	14736	0.61%	0.064%
30	15.004	2040	2043	2047	rBV2	2271	3016	0.12%	0.013%
31	15.062	2048	2053	2057	rBV3	5844	7162	0.30%	0.031%
32	15.221	2073	2080	2092	rBV	943677	1453445	60.04%	6.301%
33	15.386	2104	2108	2118	rBV	135810	238083	9.83%	1.032%
34	15.462	2119	2121	2127	rVB5	11957	16347	0.68%	0.071%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.562	2133	2138	2139	rVB2	1948	3115	0.13%	0.014%
36	15.580	2139	2141	2144	rBV3	2393	3301	0.14%	0.014%
37	15.621	2144	2148	2153	rVV4	4300	7313	0.30%	0.032%
38	15.686	2156	2159	2161	rVB3	2811	2808	0.12%	0.012%
39	15.857	2185	2188	2193	rVB4	1327	2616	0.11%	0.011%
40	15.921	2196	2199	2202	rVB4	2322	3162	0.13%	0.014%
41	16.009	2209	2214	2217	rVB3	3790	5628	0.23%	0.024%
42	16.192	2242	2245	2251	rBV3	1839	4118	0.17%	0.018%
43	16.398	2275	2280	2285	rBV4	4288	8751	0.36%	0.038%
44	16.768	2340	2343	2344	rVV3	3401	3545	0.15%	0.015%
45	16.780	2344	2345	2351	rVB2	3688	4221	0.17%	0.018%
46	16.862	2358	2359	2362	rBV2	2265	2452	0.10%	0.011%
47	16.980	2373	2379	2389	rBV2	789547	1086800	44.89%	4.712%
48	17.080	2390	2396	2412	rVB2	984725	1458366	60.24%	6.323%
49	17.362	2440	2444	2445	rVV4	3256	3239	0.13%	0.014%
50	17.380	2445	2447	2451	rVB3	2797	2723	0.11%	0.012%
51	17.639	2488	2491	2492	rBV2	2992	2563	0.11%	0.011%
52	17.745	2506	2509	2514	rBV4	5661	8790	0.36%	0.038%
53	17.868	2524	2530	2541	rBV	118627	218799	9.04%	0.949%
54	18.156	2576	2579	2581	rVV3	3907	3959	0.16%	0.017%
55	18.315	2603	2606	2608	rBV4	3044	3155	0.13%	0.014%
56	18.509	2636	2639	2640	rBV3	4030	3414	0.14%	0.015%
57	19.027	2723	2727	2729	rBV3	17246	26404	1.09%	0.114%
58	19.168	2747	2751	2759	rBV4	35948	66086	2.73%	0.287%
59	19.274	2767	2769	2773	rBV2	6741	9862	0.41%	0.043%
60	19.309	2773	2775	2778	rVB4	6318	3703	0.15%	0.016%
61	19.392	2783	2789	2799	rBV	1161456	1630325	67.34%	7.068%
62	19.627	2825	2829	2836	rBV	116988	188059	7.77%	0.815%
63	20.891	3040	3044	3051	rBV2	156524	220874	9.12%	0.958%
64	21.191	3090	3095	3101	rBV	925559	1332432	55.04%	5.777%
65	21.744	3186	3189	3193	rBV4	87794	107112	4.42%	0.464%
66	22.191	3263	3265	3269	rVB	138728	153856	6.36%	0.667%
67	22.685	3345	3349	3354	rVB	233545	323418	13.36%	1.402%
68	23.256	3438	3446	3462	rVB2	1052500	2420890	100.00%	10.496%
69	23.397	3464	3470	3481	rVB	720705	1435112	59.28%	6.222%
70	23.856	3544	3548	3554	rVB2	210541	361709	14.94%	1.568%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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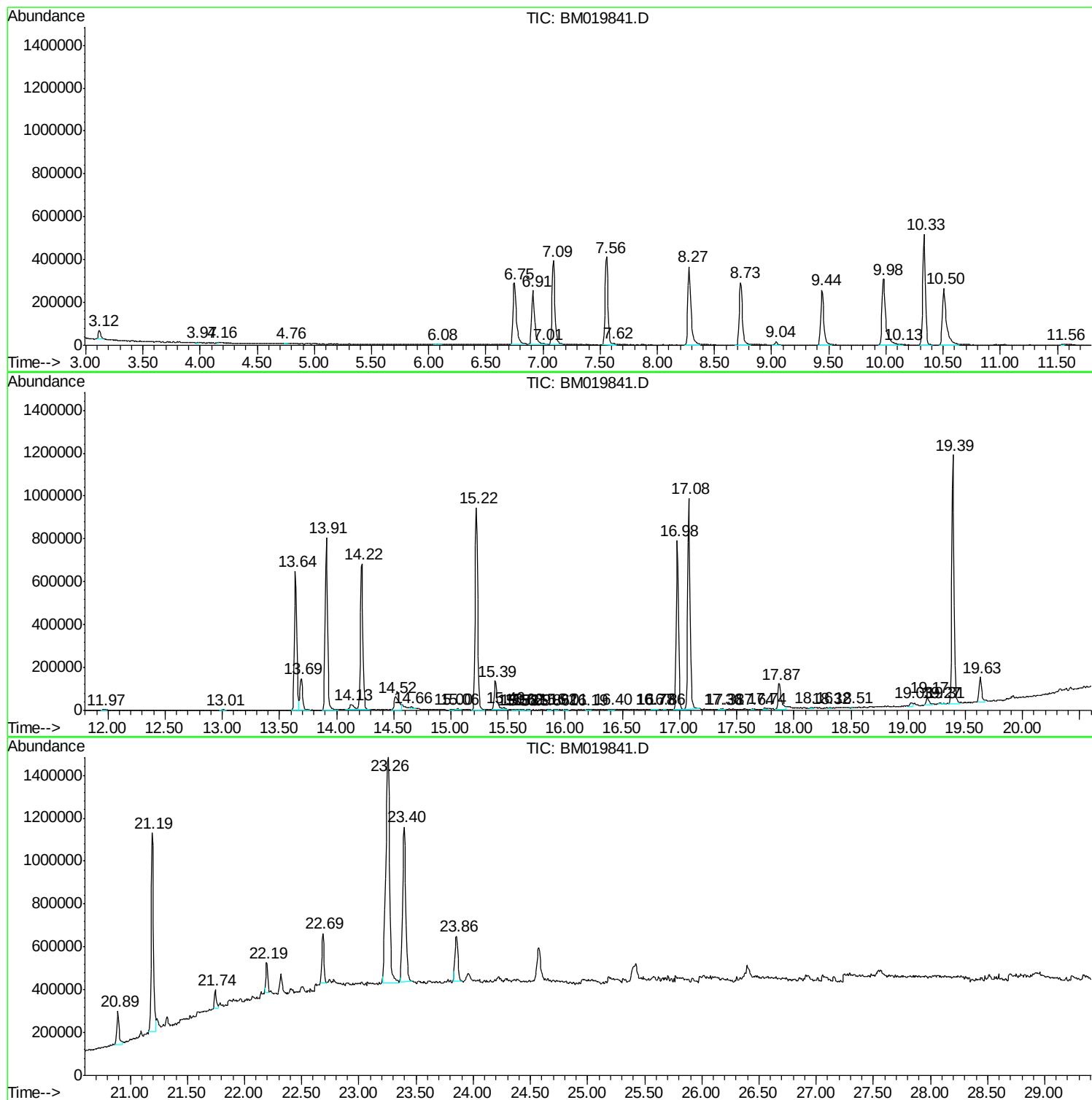
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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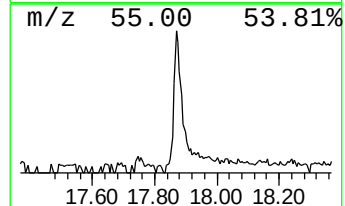
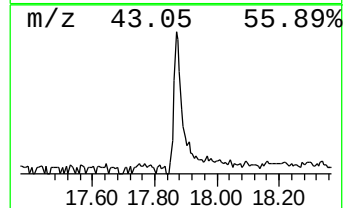
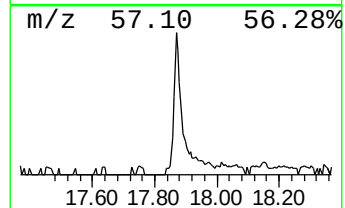
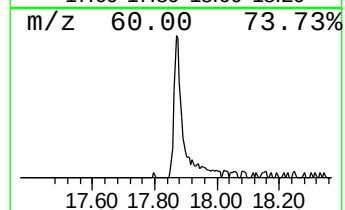
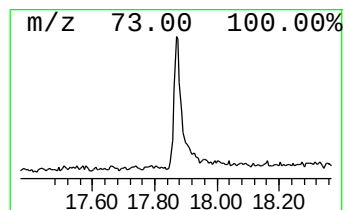
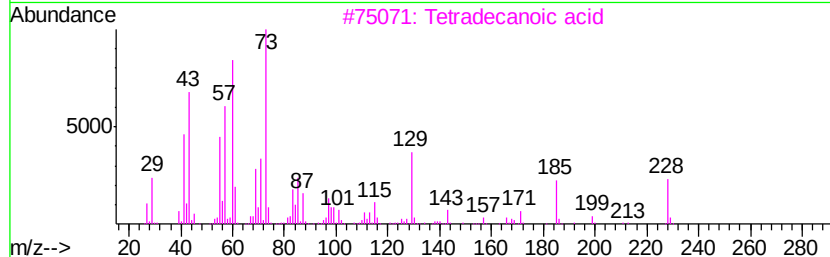
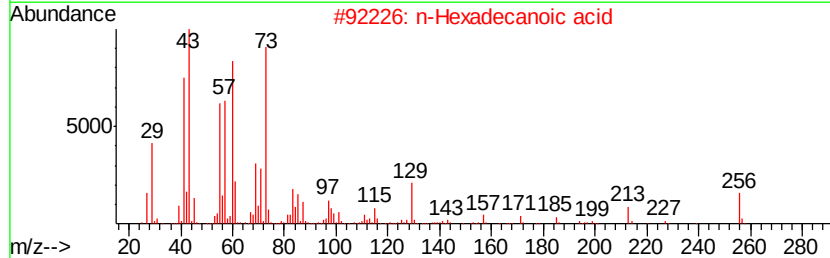
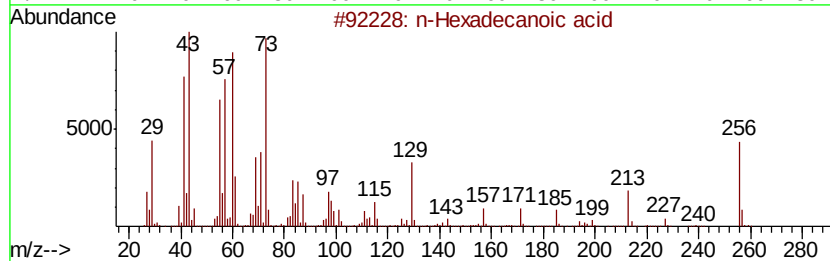
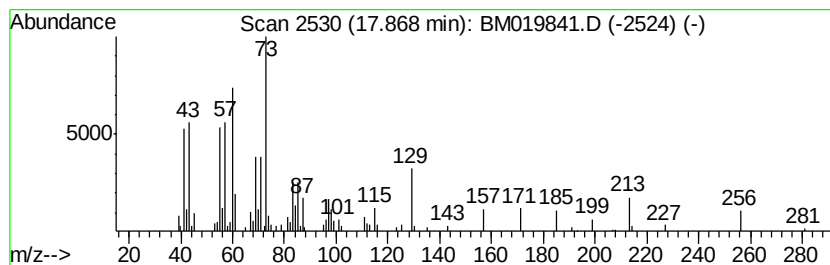
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.03 ng/ul	218799	Phenanthrene-d10	16.98
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	94
3	Tetradecanoic acid	228 C14H28O2	000544-63-8	83
4	Tridecanoic acid	214 C13H26O2	000638-53-9	83
5	Tridecanoic acid	214 C13H26O2	000638-53-9	80



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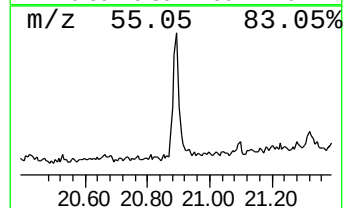
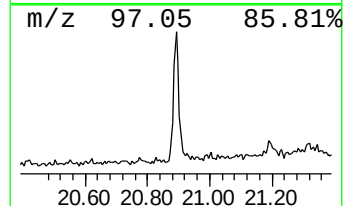
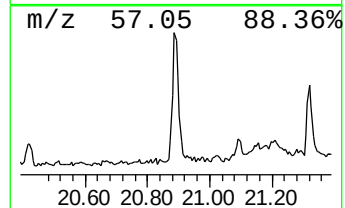
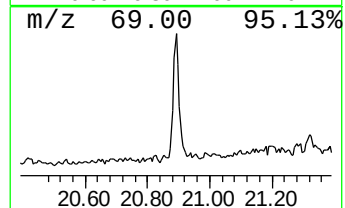
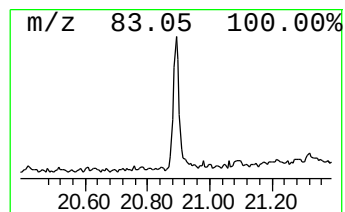
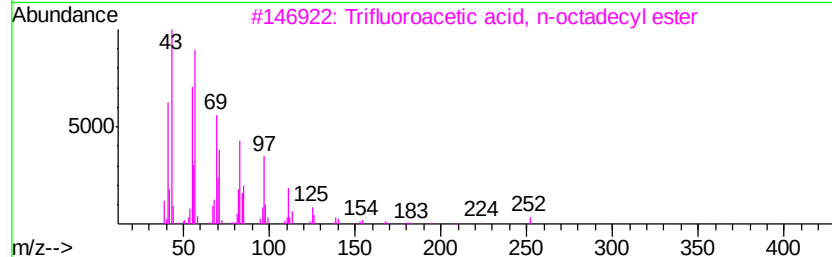
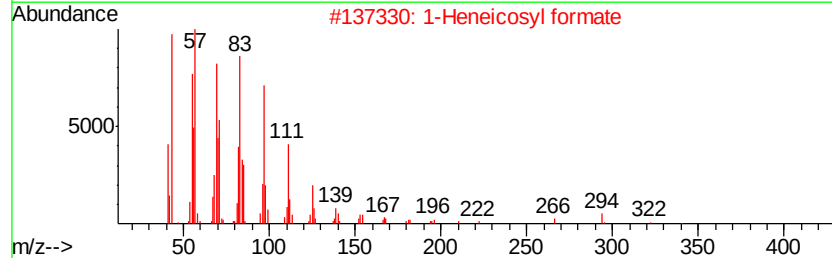
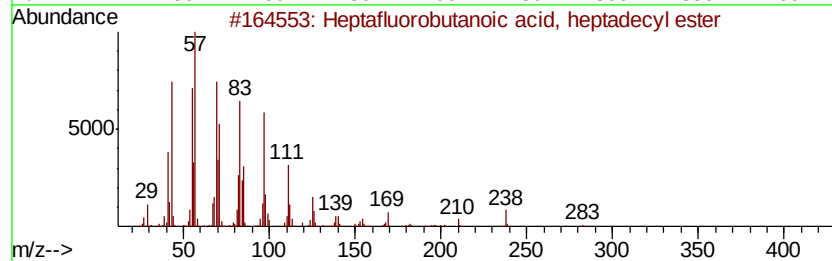
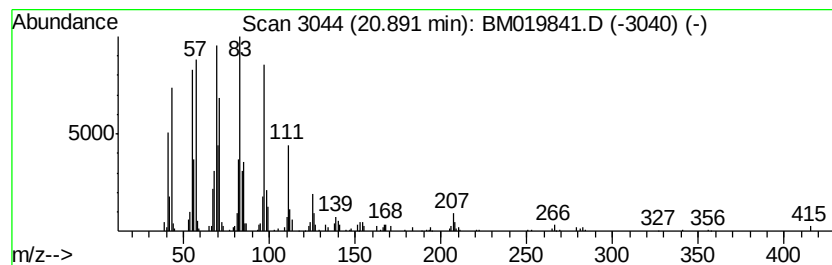
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	3.32 ng/ul	220874	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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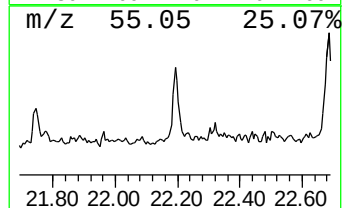
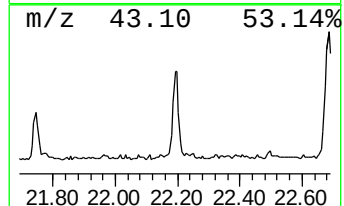
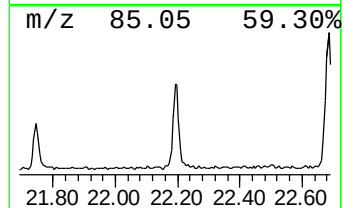
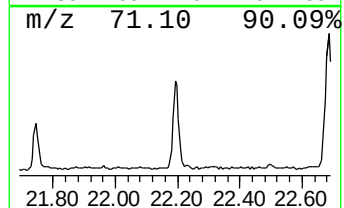
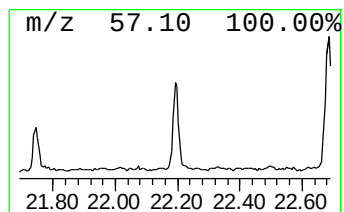
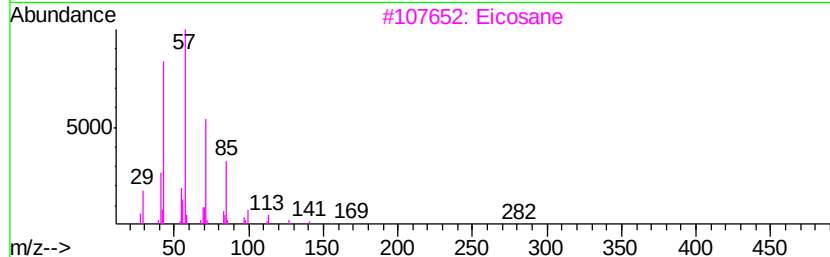
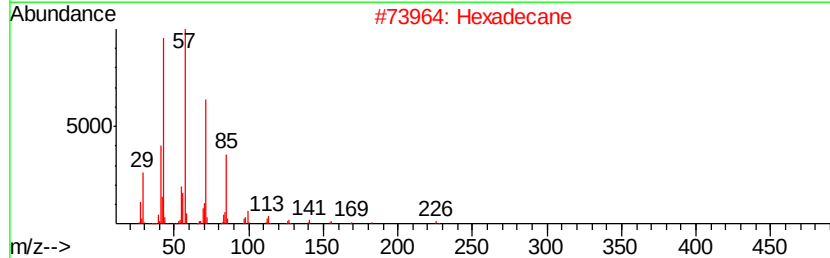
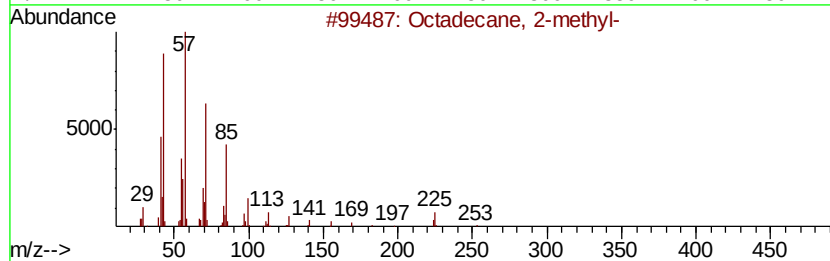
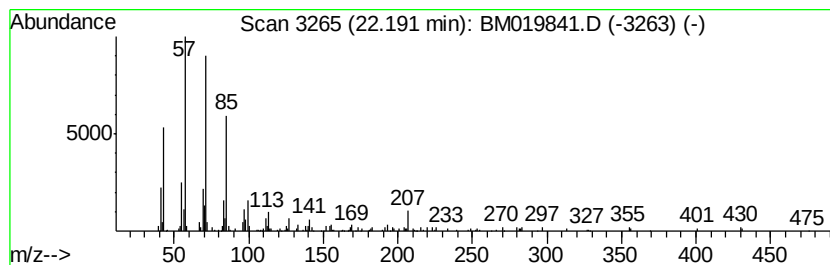
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.31 ng/ul	153856	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	86



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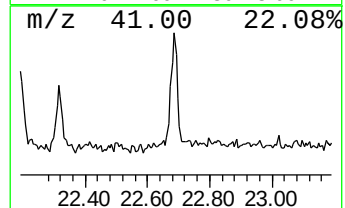
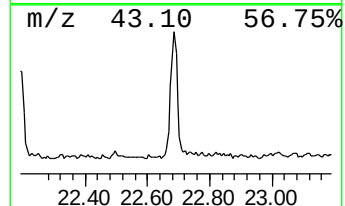
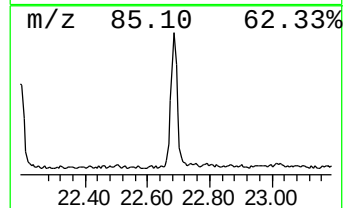
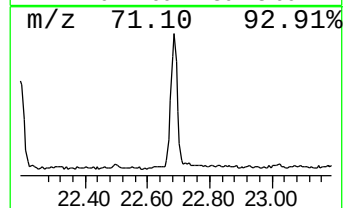
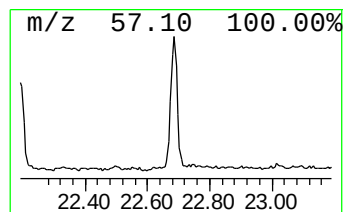
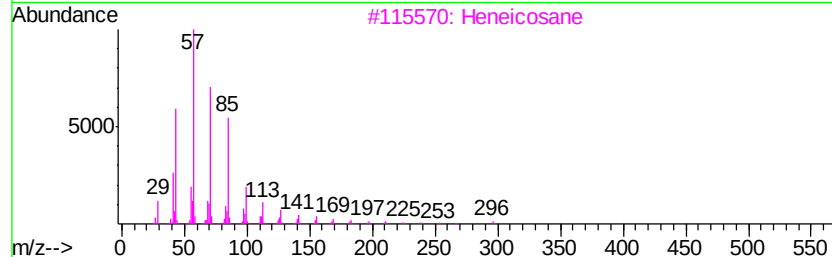
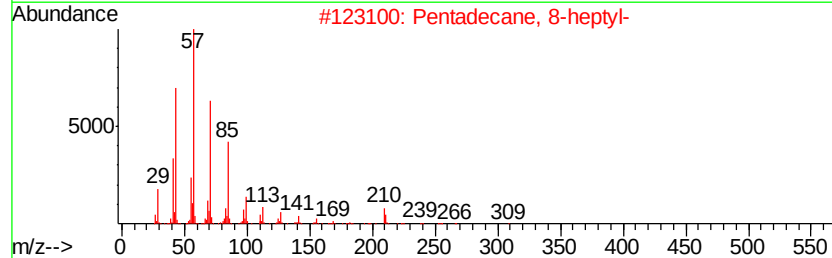
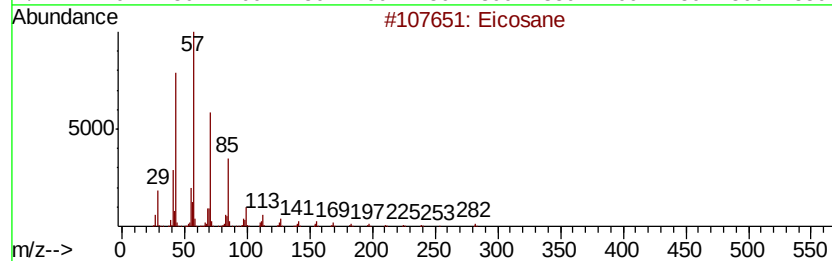
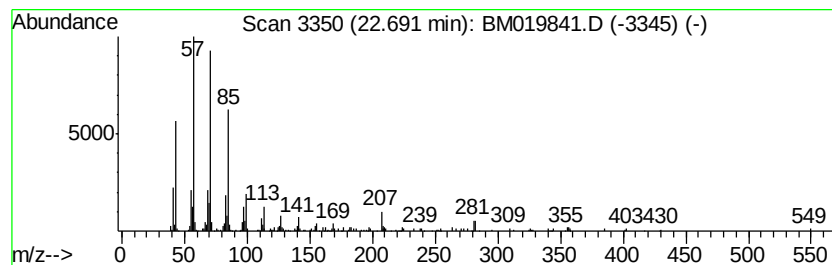
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.51 ng/ul	323418	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019841.D
Acq On : 09 Apr 2019 22:56
Operator : JU/SJ
Sample : K2273-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC53

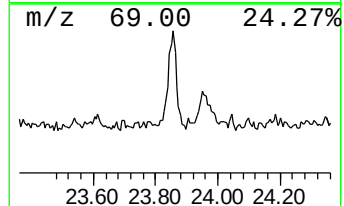
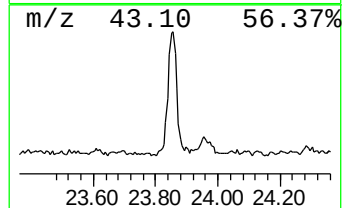
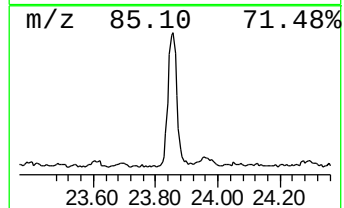
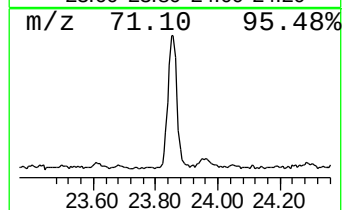
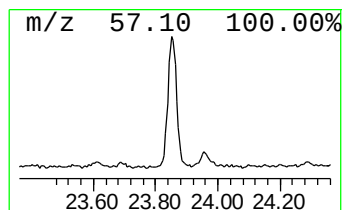
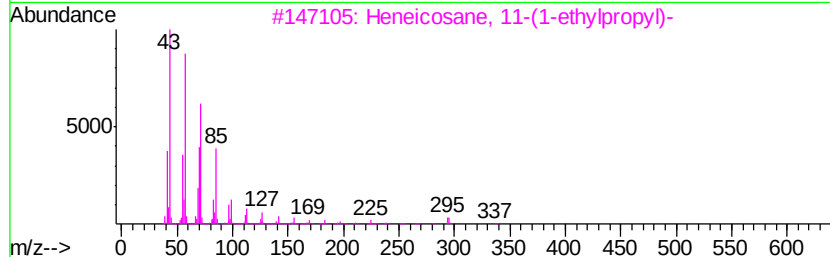
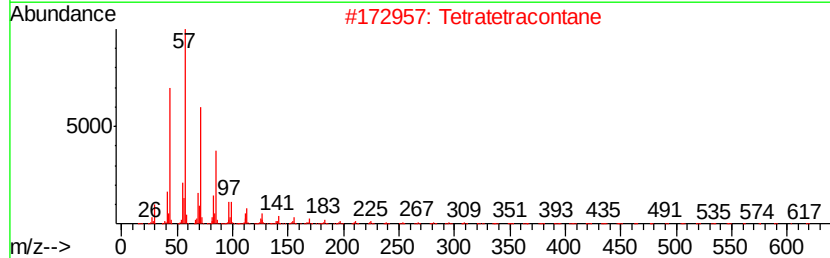
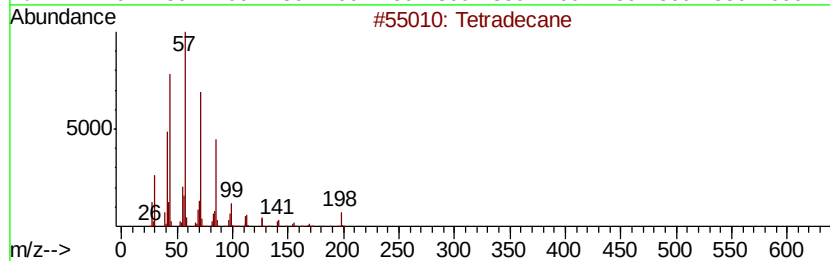
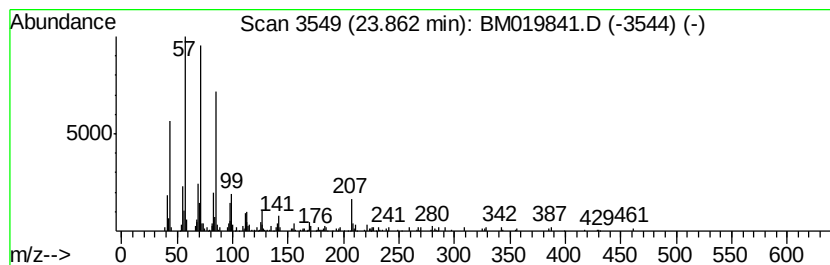
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.04 ng/ul	361709	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019841.D
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Operator : JU/SJ
Sample : K2273-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC53

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	17.87	4.0	ng/ul	218799	4	16.98	1086800	20.0
Heptafluorobutano...	20.89	3.3	ng/ul	220874	5	21.19	1332430	20.0
(DEL) Alkane: Str...	22.19	2.3	ng/ul	153856	5	21.19	1332430	20.0
(DEL) Alkane: Str...	22.69	4.5	ng/ul	323418	6	23.40	1435110	20.0
(DEL) Alkane: Str...	23.86	5.0	ng/ul	361709	6	23.40	1435110	20.0