

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022994.D
 Acq On : 05 Oct 2019 16:41
 Operator : JU
 Sample : K5050-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLMD0

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	3.263	44	47	56	rBV	55677	75809	1.95%	0.145%
2	3.557	95	97	109	rBV	24591	52774	1.36%	0.101%
3	3.993	168	171	176	rVB2	9168	13172	0.34%	0.025%
4	5.916	495	498	503	rBV2	3334	5847	0.15%	0.011%
5	6.134	529	535	538	rBV4	2814	5103	0.13%	0.010%
6	6.463	587	591	594	rBV3	8304	11721	0.30%	0.022%
7	6.793	644	647	653	rBV4	3135	5178	0.13%	0.010%
8	6.957	668	675	690	rVB2	1003722	1787190	45.93%	3.413%
9	7.122	696	703	714	rBV	742126	1177591	30.26%	2.249%
10	7.322	730	737	747	rBV	1044641	1601536	41.15%	3.059%
11	7.651	786	793	799	rBV8	3508	7967	0.20%	0.015%
12	7.787	809	816	824	rBV	813725	1252929	32.20%	2.393%
13	7.863	825	829	833	rVB	7402	9732	0.25%	0.019%
14	8.492	928	936	949	rBV	1218383	1914184	49.19%	3.656%
15	8.939	1004	1012	1023	rBV	904148	1453761	37.36%	2.777%
16	9.057	1030	1032	1037	rVB4	2731	3951	0.10%	0.008%
17	9.110	1037	1041	1045	rBV3	6196	8453	0.22%	0.016%
18	9.386	1082	1088	1093	rVB	11092	17264	0.44%	0.033%
19	9.663	1128	1135	1145	rBV	702662	1161652	29.85%	2.219%
20	10.092	1202	1208	1212	rBV4	2780	5330	0.14%	0.010%
21	10.198	1219	1226	1244	rVB	1221661	1960032	50.37%	3.744%
22	10.575	1283	1290	1298	rBV	1129700	1834024	47.13%	3.503%
23	10.710	1305	1313	1328	rBV	1026293	1755488	45.11%	3.353%
24	11.875	1504	1511	1515	rBV3	2389	5100	0.13%	0.010%
25	12.116	1547	1552	1556	rBV	9018	14813	0.38%	0.028%
26	12.163	1556	1560	1568	rVB	16044	25886	0.67%	0.049%
27	13.263	1740	1747	1751	rVB4	6724	10520	0.27%	0.020%
28	13.333	1751	1759	1765	rBV5	3907	10022	0.26%	0.019%
29	13.757	1827	1831	1836	rVV3	5227	7346	0.19%	0.014%
30	13.833	1837	1844	1848	rVV	1849997	2510159	64.50%	4.794%
31	13.880	1848	1852	1864	rVV	811991	1115585	28.67%	2.131%
32	13.957	1864	1865	1873	rVB3	3065	4124	0.11%	0.008%
33	14.116	1885	1892	1908	rVB	2226666	3237827	83.20%	6.184%
34	14.333	1925	1929	1934	rVB4	7042	9881	0.25%	0.019%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
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35	14.421	1938	1944	1954	rVV	1561612	2279835	58.59%	4.354%
36	14.616	1971	1977	1993	rBV	518086	835415	21.47%	1.596%
37	14.839	2011	2015	2022	rVB3	12644	17498	0.45%	0.033%
38	15.015	2042	2045	2050	rVB3	3974	4553	0.12%	0.009%
39	15.227	2077	2081	2086	rBV4	2340	4265	0.11%	0.008%
40	15.280	2086	2090	2096	rVB2	7281	9864	0.25%	0.019%
41	15.415	2106	2113	2122	rBV	2624847	3686141	94.72%	7.040%
42	15.527	2127	2132	2145	rBV	522243	715634	18.39%	1.367%
43	15.651	2149	2153	2158	rBV2	26289	36315	0.93%	0.069%
44	16.145	2233	2237	2239	rBV2	5444	7910	0.20%	0.015%
45	16.198	2243	2246	2252	rVB3	7929	11705	0.30%	0.022%
46	16.310	2261	2265	2268	rVB5	3475	5508	0.14%	0.011%
47	16.415	2279	2283	2286	rVB2	4477	6119	0.16%	0.012%
48	16.939	2368	2372	2378	rVB5	5431	10517	0.27%	0.020%
49	17.162	2404	2410	2417	rBV2	1576656	2197493	56.47%	4.197%
50	17.257	2420	2426	2437	rBV2	2374446	3442262	88.46%	6.575%
51	17.545	2470	2475	2481	rBV8	7215	13533	0.35%	0.026%
52	17.662	2493	2495	2500	rBV4	4646	5789	0.15%	0.011%
53	18.056	2557	2562	2572	rBV	165575	246403	6.33%	0.471%
54	18.362	2610	2614	2618	rBV4	10843	16404	0.42%	0.031%
55	18.527	2640	2642	2647	rBV6	2905	5217	0.13%	0.010%
56	18.992	2718	2721	2727	rBV2	13358	17277	0.44%	0.033%
57	19.039	2727	2729	2734	rVV4	6701	8448	0.22%	0.016%
58	19.186	2750	2754	2758	rBV	25438	36544	0.94%	0.070%
59	19.339	2776	2780	2788	rBV2	37083	51949	1.33%	0.099%
60	19.439	2794	2797	2800	rBV	18207	19496	0.50%	0.037%
61	19.551	2810	2816	2823	rBV	2768392	3644942	93.66%	6.962%
62	20.068	2901	2904	2907	rBV3	23044	32546	0.84%	0.062%
63	20.103	2908	2910	2914	rVB2	32361	37584	0.97%	0.072%
64	20.603	2992	2995	2998	rVB	43051	43464	1.12%	0.083%
65	21.056	3068	3072	3082	rBV	676224	922437	23.70%	1.762%
66	21.339	3115	3120	3126	rBV	1688740	2183698	56.11%	4.171%
67	21.497	3145	3147	3152	rVB	92311	100284	2.58%	0.192%
68	21.939	3218	3222	3231	rBV2	269504	419346	10.78%	0.801%
69	22.115	3247	3252	3258	rBV	1378864	1800420	46.27%	3.439%
70	22.915	3385	3388	3392	rBV	126728	160968	4.14%	0.307%
71	23.456	3473	3480	3494	rVB	1975121	3891477	100.00%	7.433%

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72	23.597	3498	3504	3515	rVB	1234410	2355921	60.54%	4.500%
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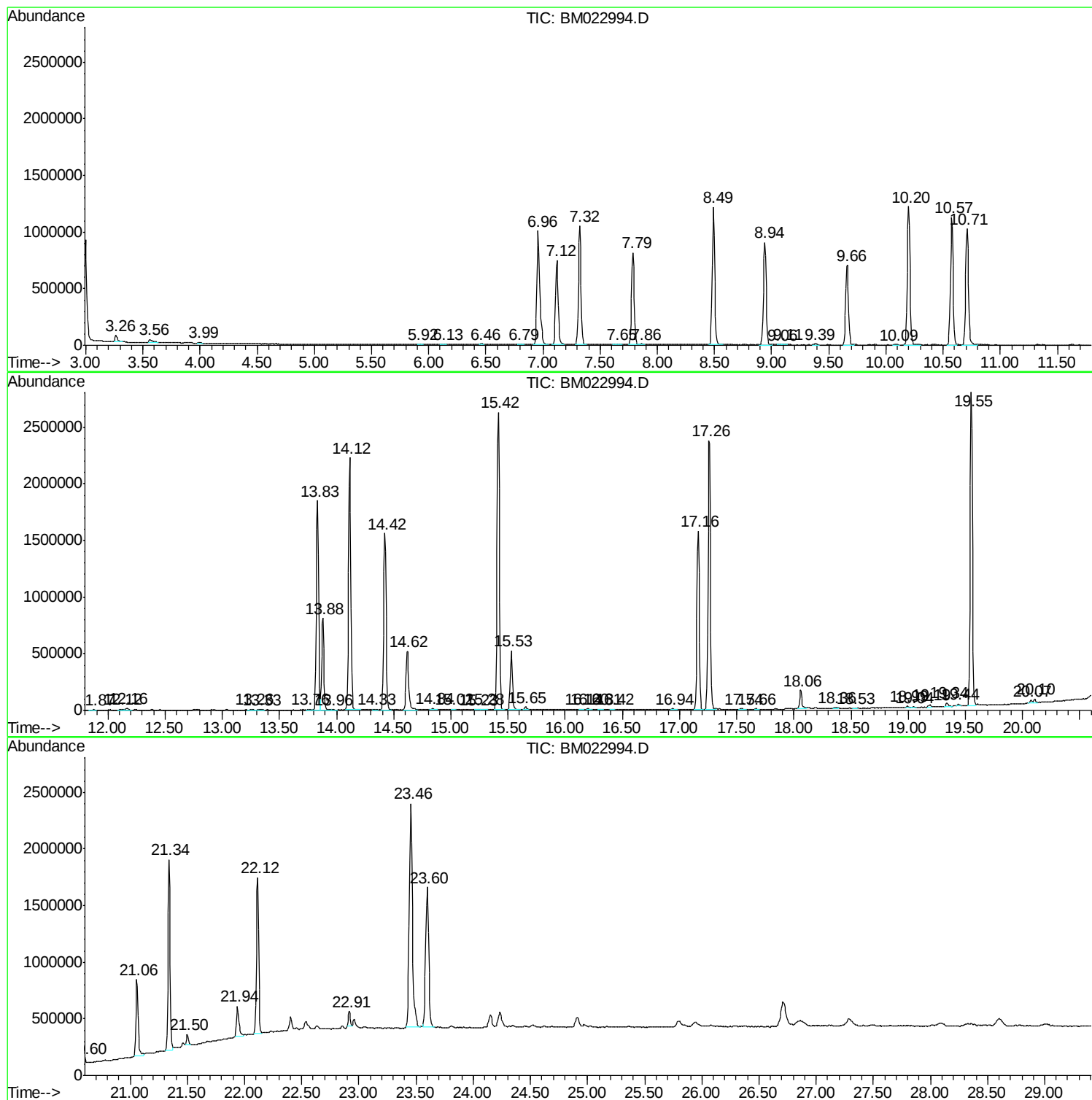
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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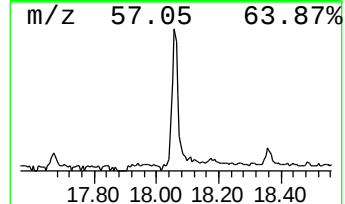
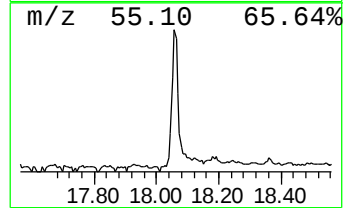
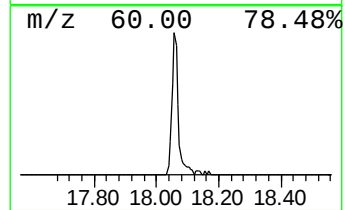
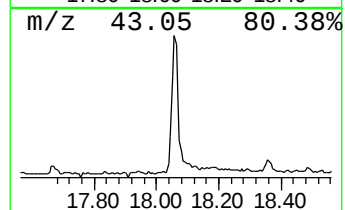
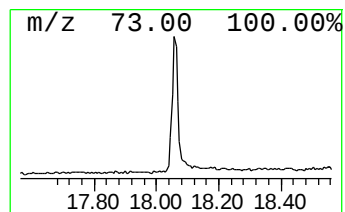
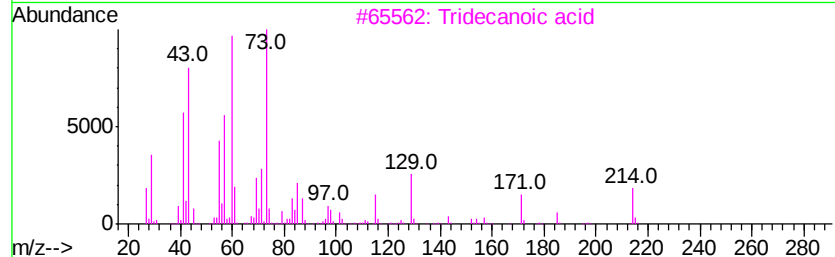
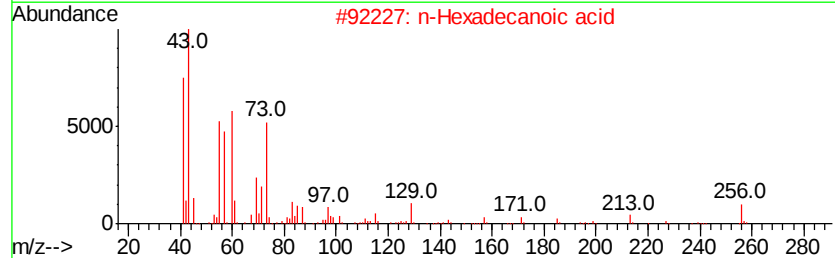
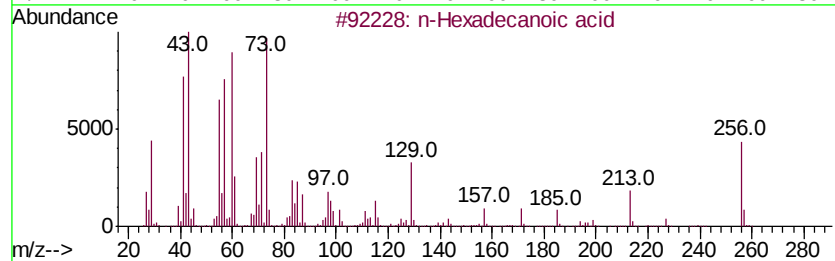
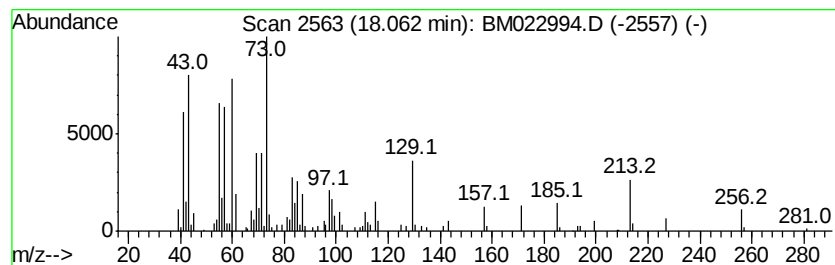
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.24 ng/ul	246403	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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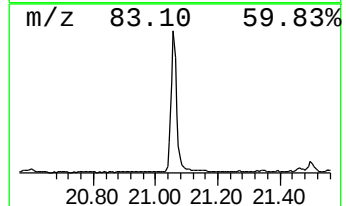
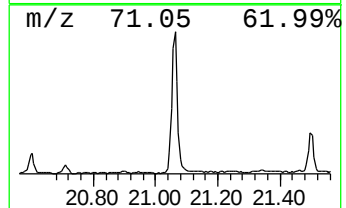
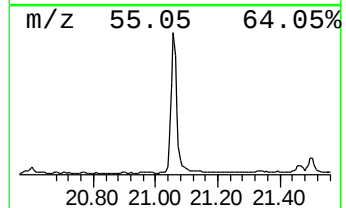
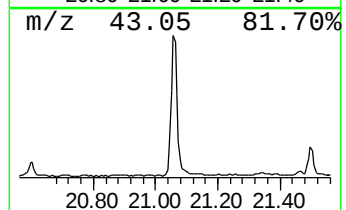
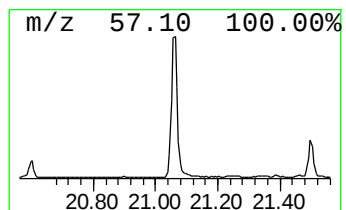
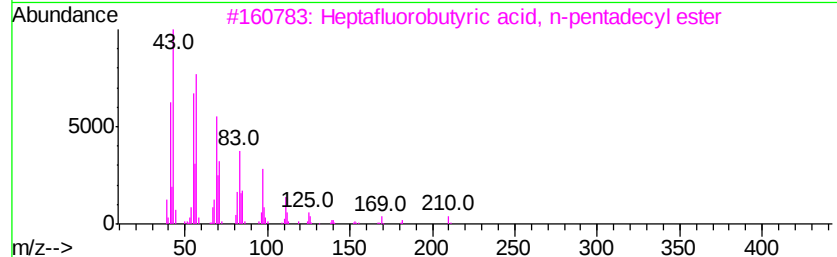
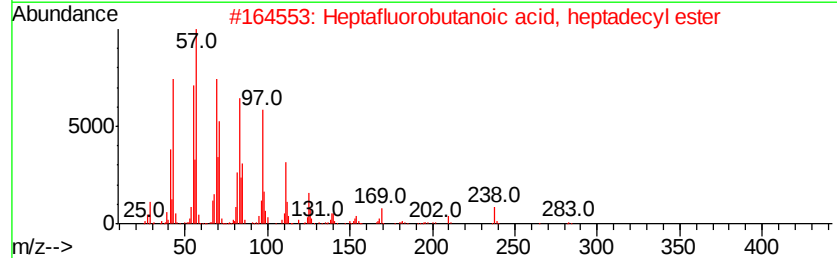
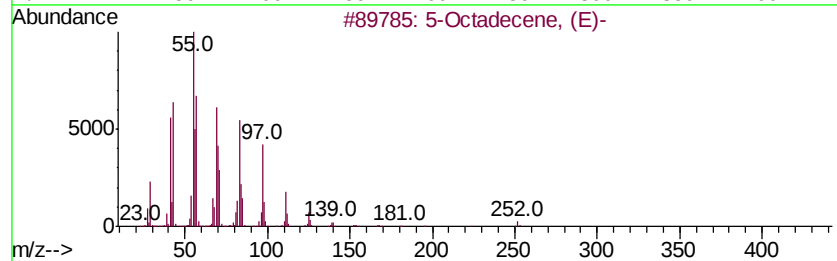
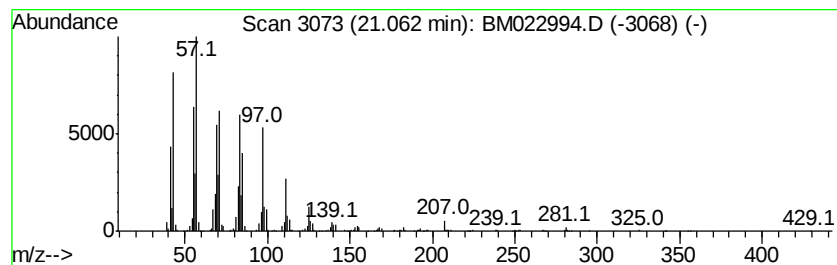
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	8.45 ng/ul	922437	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Octadecene, (E)-	252 C18H36	007206-21-5	95
2	Heptafluorobutanoic acid, heptadecyl ester	452 C21H35F7O2	1000282-97-3	94
3	Heptafluorobutyric acid, n-pentadecyl ester	424 C19H31F7O2	1000216-79-3	91
4	Trichloroacetic acid, hexadecyl ester	386 C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecyl ester	366 C20H37F3O2	079392-43-1	91



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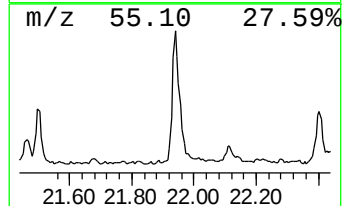
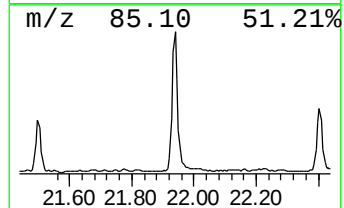
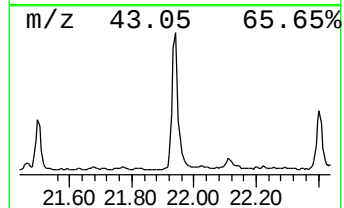
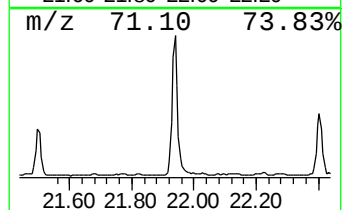
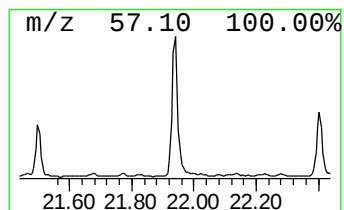
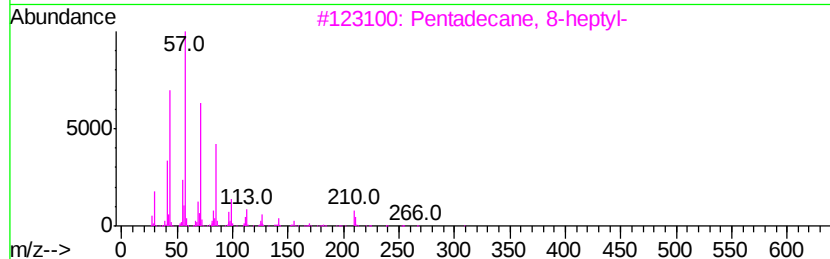
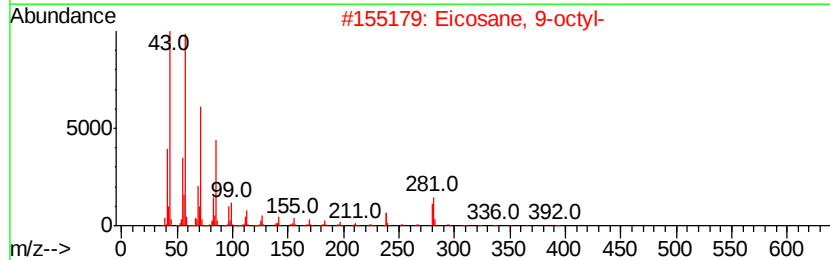
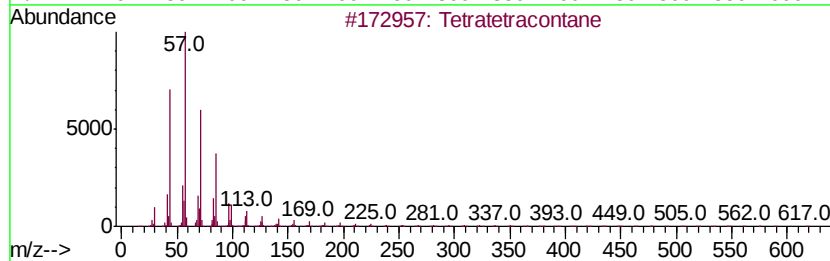
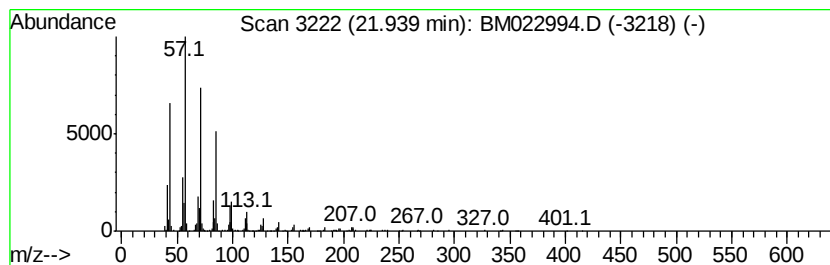
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	3.84 ng/ul	419346	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Tetracosane	338	C24H50	000646-31-1	91



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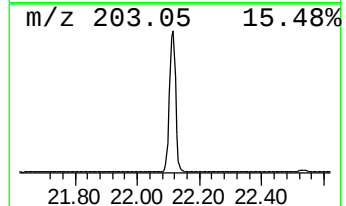
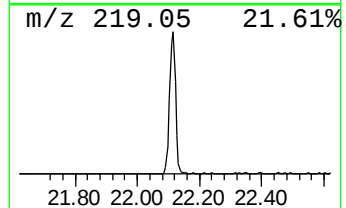
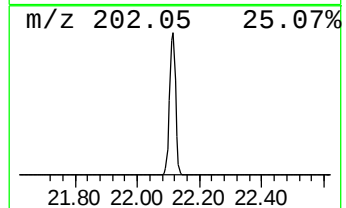
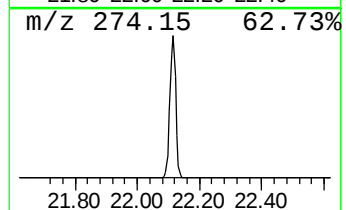
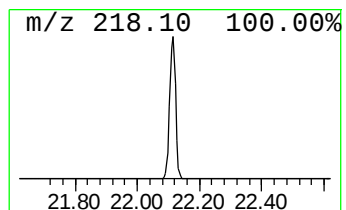
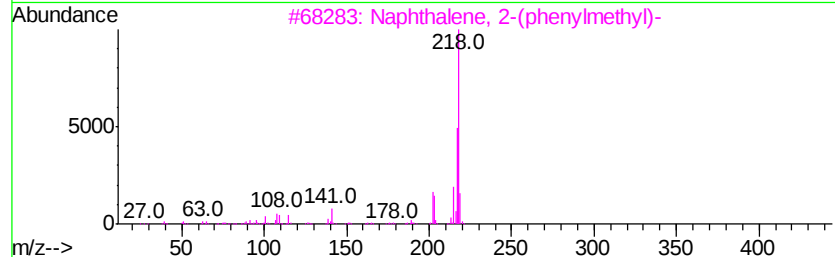
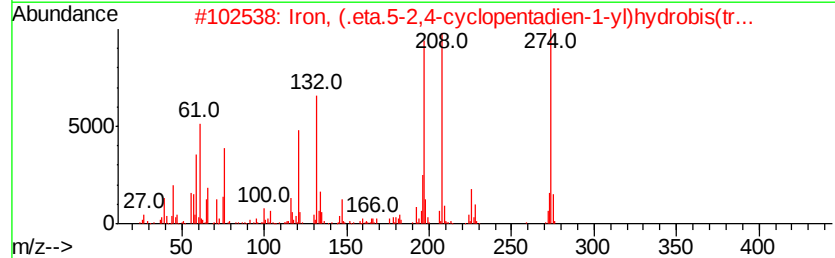
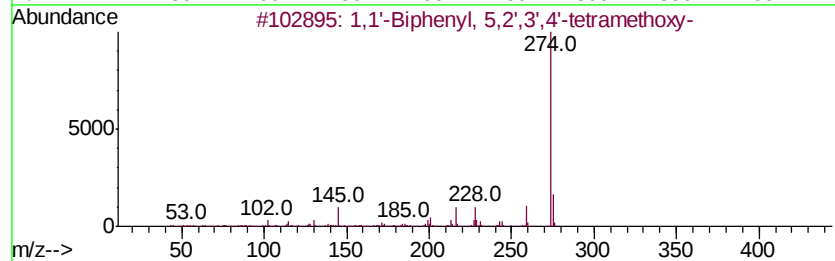
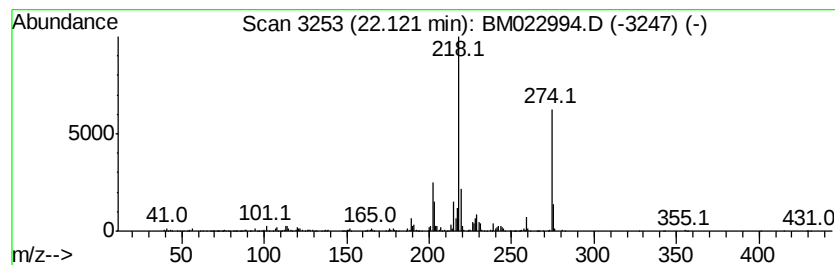
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	16.49 ng/ul	1800420	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2		Iron, (.eta.5-2,4-cyclopentadien...	274	C11H24FeP2	084283-30-7	56
3		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
5		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022994.D
Acq On : 05 Oct 2019 16:41
Operator : JU
Sample : K5050-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLMD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	18.06	2.2	ng/ul	246403	4	17.16	2197490	20.0
(DEL) Alkane: Cyc...	21.06	8.4	ng/ul	922437	5	21.34	2183700	20.0
(DEL) Alkane: Str...	21.94	3.8	ng/ul	419346	5	21.34	2183700	20.0
1,1'-Biphenyl, 5,...	22.12	16.5	ng/ul	1800420	5	21.34	2183700	20.0