

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005177.D
 Acq On : 22 Apr 2019 16:56
 Operator : JU/SJ
 Sample : K2402-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH6

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_N\METHODS\SOM-EPA-BN041919MA.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	3.146	25	27	31	rVB5	8579	9840	0.11%	0.009%
2	3.216	35	39	45	rBV	188949	215914	2.48%	0.196%
3	3.481	81	84	90	rBV5	11175	21269	0.24%	0.019%
4	3.916	154	158	165	rVB2	18791	29085	0.33%	0.026%
5	4.005	168	173	176	rBV6	8535	13892	0.16%	0.013%
6	4.793	302	307	311	rBV6	7629	13066	0.15%	0.012%
7	4.863	316	319	324	rBV5	6856	11854	0.14%	0.011%
8	5.728	464	466	471	rVB5	9213	12389	0.14%	0.011%
9	6.281	557	560	566	rVB5	9297	15224	0.18%	0.014%
10	6.775	637	644	655	rBV	1711783	2618944	30.14%	2.377%
11	6.946	665	673	685	rVB	1301552	1985705	22.85%	1.802%
12	7.134	693	705	714	rBV	1616108	2558212	29.44%	2.322%
13	7.599	777	784	792	rBV	1726342	2642882	30.41%	2.399%
14	7.669	792	796	802	rVB	25860	36484	0.42%	0.033%
15	8.293	895	902	913	rBV	1992281	3198082	36.80%	2.903%
16	8.740	970	978	987	rBV	1582527	2522701	29.03%	2.290%
17	8.916	1002	1008	1012	rBV4	7077	9830	0.11%	0.009%
18	9.198	1050	1056	1062	rBV	48062	64420	0.74%	0.058%
19	9.451	1092	1099	1108	rBV	1257944	2012466	23.16%	1.827%
20	9.981	1181	1189	1203	rBV	2060313	3314287	38.14%	3.008%
21	10.363	1246	1254	1263	rVB	2340019	3840682	44.20%	3.486%
22	10.498	1269	1277	1288	rVB	1974808	3340433	38.44%	3.032%
23	11.004	1359	1363	1369	rVB6	5132	10570	0.12%	0.010%
24	11.951	1520	1524	1530	rVB	35555	51123	0.59%	0.046%
25	13.081	1710	1716	1722	rBV5	13908	24228	0.28%	0.022%
26	13.145	1722	1727	1731	rBV5	5999	9732	0.11%	0.009%
27	13.651	1806	1813	1817	rBV	3670611	4913879	56.55%	4.460%
28	13.698	1817	1821	1828	rVB	1188796	1542006	17.74%	1.400%
29	13.922	1852	1859	1871	rBV	3980198	5815539	66.92%	5.279%
30	14.169	1895	1901	1905	rVB5	14745	20829	0.24%	0.019%
31	14.233	1905	1912	1921	rBV2	3400378	5052340	58.14%	4.586%
32	14.428	1939	1945	1960	rBV	1622184	2244974	25.83%	2.038%
33	14.792	2004	2007	2011	rVB5	6358	9668	0.11%	0.009%
34	14.863	2015	2019	2021	rBV4	7131	9008	0.10%	0.008%

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35	15.069	2049	2054	2055	rBV2	10981	11236	0.13%	0.010%
36	15.128	2060	2064	2068	rVV3	13487	18220	0.21%	0.017%
37	15.233	2075	2082	2090	rVB	4988303	6988650	80.42%	6.344%
38	15.345	2095	2101	2111	rBV	1416097	1859207	21.39%	1.688%
39	15.469	2118	2122	2127	rVB	57494	82189	0.95%	0.075%
40	15.680	2155	2158	2163	rBV5	6852	10139	0.12%	0.009%
41	15.839	2181	2185	2189	rBV4	5698	11500	0.13%	0.010%
42	16.022	2212	2216	2221	rVB5	19987	32078	0.37%	0.029%
43	16.404	2278	2281	2285	rVB5	7380	12139	0.14%	0.011%
44	16.663	2323	2325	2329	rVB4	11410	13082	0.15%	0.012%
45	16.769	2340	2343	2348	rVV4	17722	29651	0.34%	0.027%
46	16.986	2373	2380	2387	rBV2	4261962	5895166	67.84%	5.351%
47	17.086	2390	2397	2405	rBV	5244977	7404615	85.21%	6.721%
48	17.533	2469	2473	2474	rBV3	9563	9786	0.11%	0.009%
49	17.922	2533	2539	2553	rBV	745445	1393699	16.04%	1.265%
50	18.216	2586	2589	2596	rVB9	13740	28483	0.33%	0.026%
51	18.604	2652	2655	2659	rBV6	9158	12882	0.15%	0.012%
52	18.951	2712	2714	2719	rVB6	14104	15787	0.18%	0.014%
53	19.027	2723	2727	2730	rVV	65665	82533	0.95%	0.075%
54	19.069	2730	2734	2736	rVV4	29844	43356	0.50%	0.039%
55	19.092	2736	2738	2748	rVB9	43398	80957	0.93%	0.073%
56	19.216	2755	2759	2767	rBV	352702	595961	6.86%	0.541%
57	19.280	2767	2770	2775	rVB	74666	116210	1.34%	0.105%
58	19.398	2783	2790	2797	rVB	6488413	8560090	98.51%	7.770%
59	19.457	2797	2800	2803	rBV2	38019	39036	0.45%	0.035%
60	19.998	2889	2892	2897	rBV4	53525	75363	0.87%	0.068%
61	20.504	2975	2978	2981	rVB2	80161	84758	0.98%	0.077%
62	20.968	3052	3057	3075	rBV	1058704	1903703	21.91%	1.728%
63	21.174	3088	3092	3094	rBV	91947	103078	1.19%	0.094%
64	21.221	3094	3100	3105	rVB	4966935	6407555	73.74%	5.816%
65	21.427	3131	3135	3139	rBV	242418	269969	3.11%	0.245%
66	21.868	3206	3210	3216	rBV	376155	494144	5.69%	0.449%
67	22.327	3284	3288	3296	rBV	486605	643749	7.41%	0.584%
68	22.451	3306	3309	3315	rVB	214540	279756	3.22%	0.254%
69	22.833	3370	3374	3380	rVB	521181	729017	8.39%	0.662%
70	23.292	3445	3452	3463	rVB2	4825888	8689973	100.00%	7.888%
71	23.433	3465	3476	3486	rVB	3631500	7552942	86.92%	6.856%

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72	24.039	3573	3579	3585	rBV	439508	808993	9.31%	0.734%
73	24.774	3699	3704	3710	rVB2	312609	585169	6.73%	0.531%

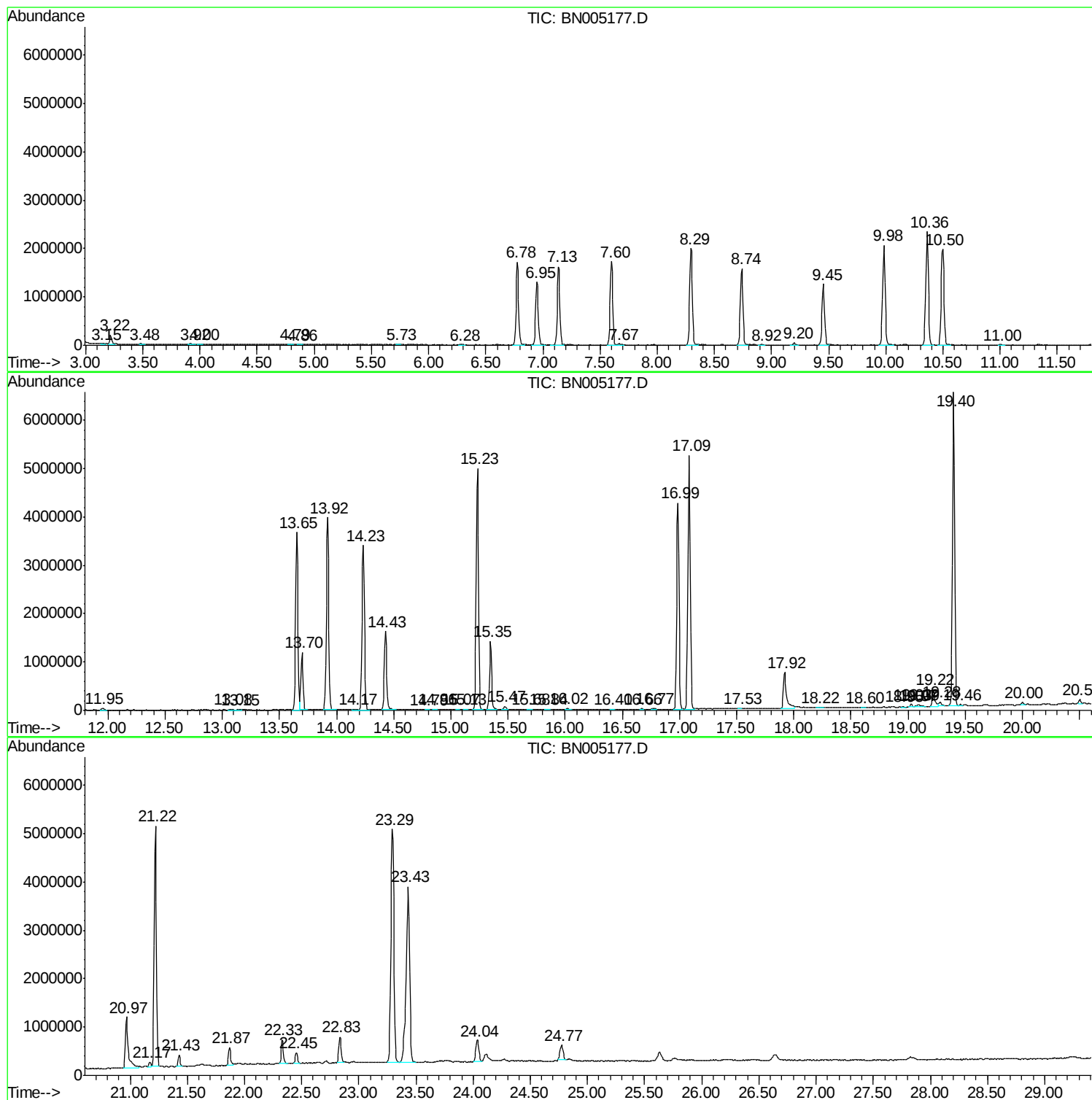
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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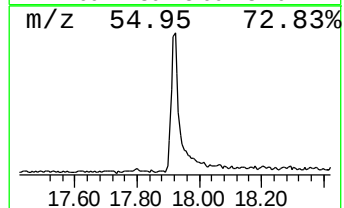
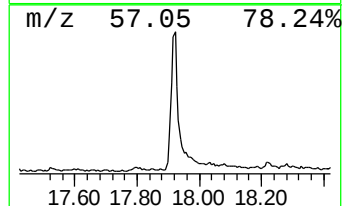
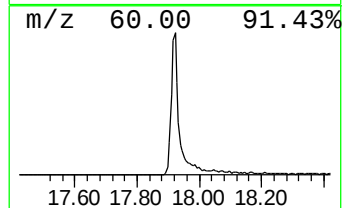
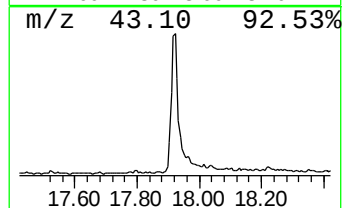
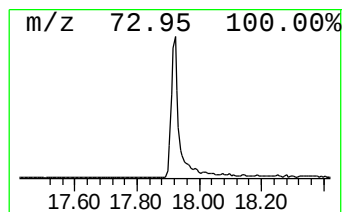
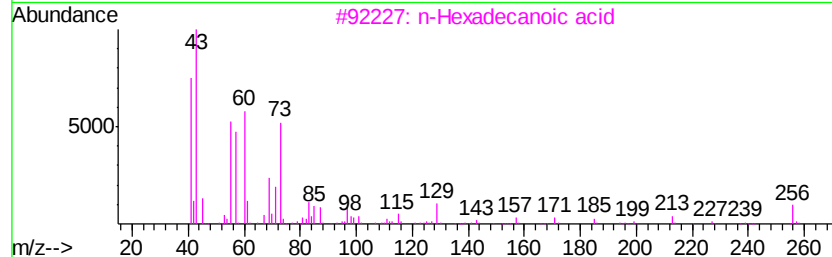
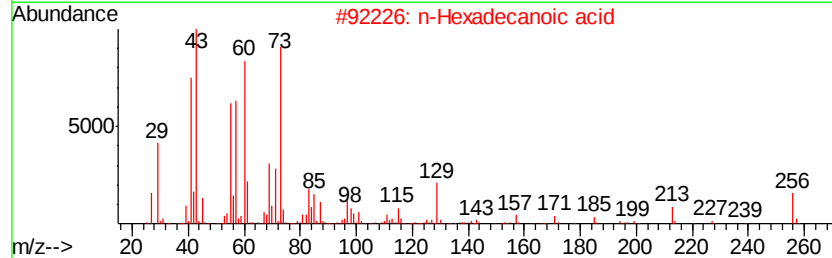
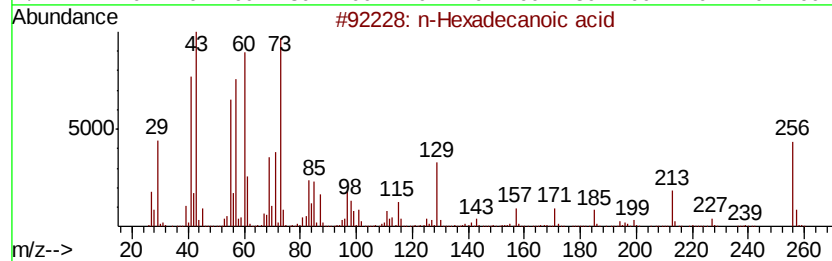
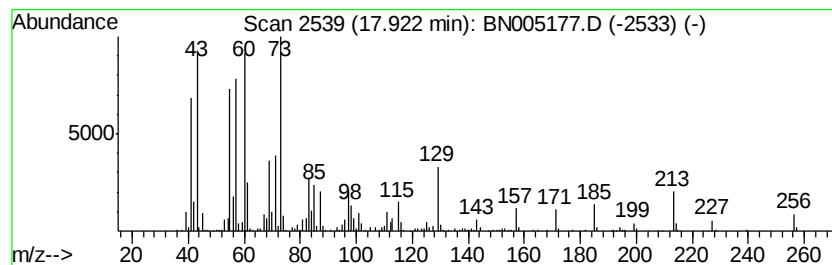
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	4.73 ng/ul	1393700	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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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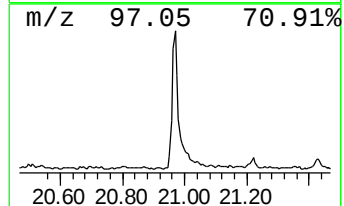
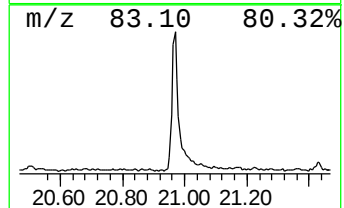
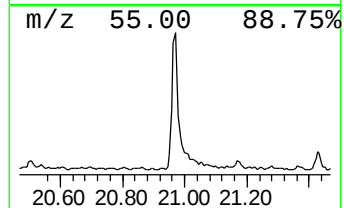
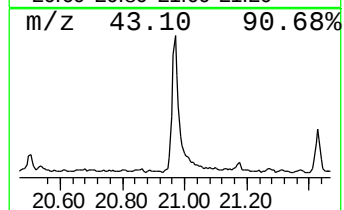
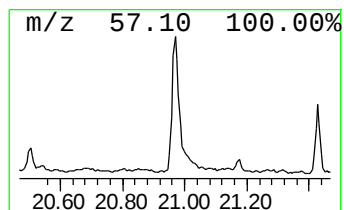
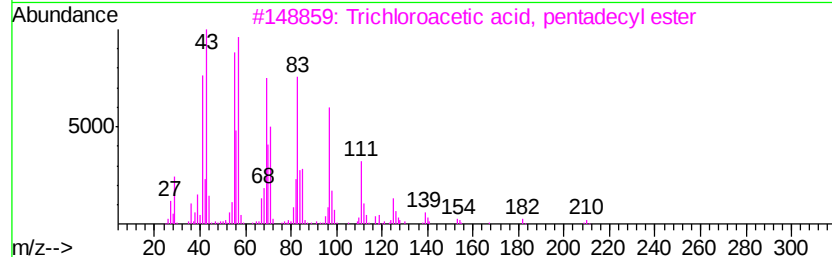
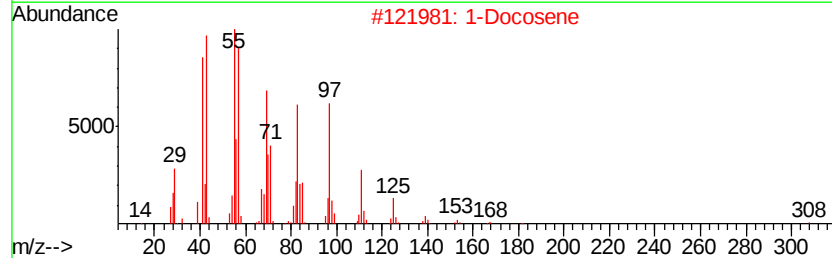
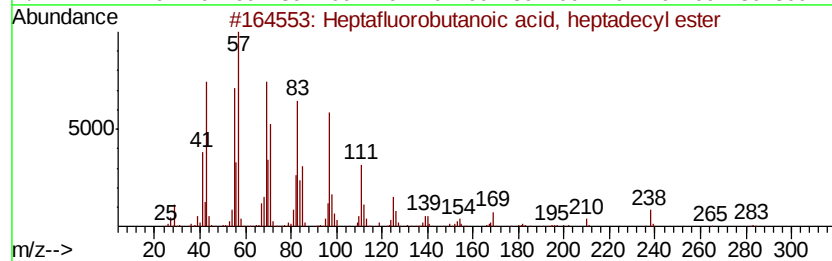
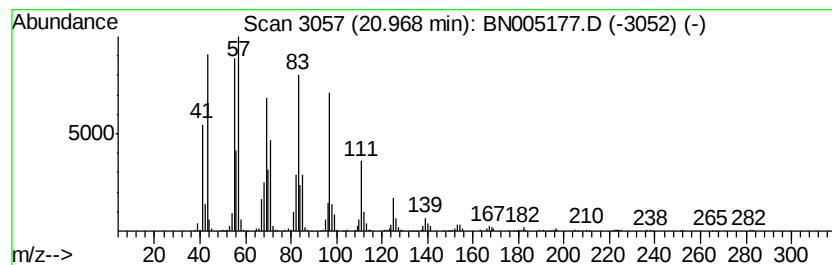
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.97	5.94 ng/ul	1903700	Chrysene-d12		21.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptadecyl	452	C21H35F7O2	1000282-97-3	94
2		1-Docosene	308	C22H44	001599-67-3	91
3		Trichloroacetic acid, pentadecyl	372	C17H31Cl3O2	074339-53-0	91
4		2-Chloropropionic acid, octadecyl	360	C21H41ClO2	088104-31-8	91
5		Trichloroacetic acid, hexadecyl	386	C18H33Cl3O2	074339-54-1	91



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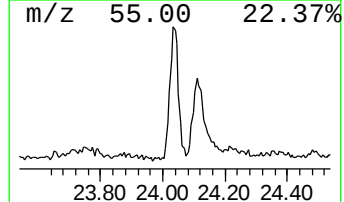
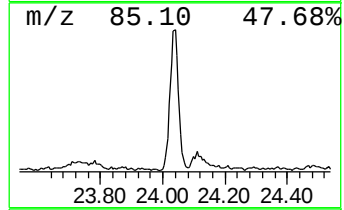
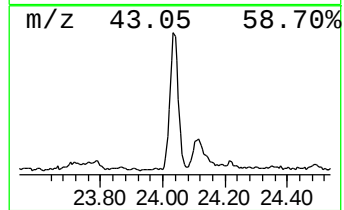
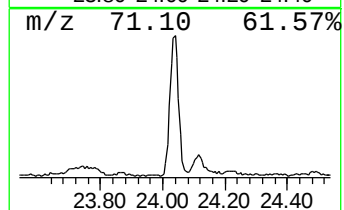
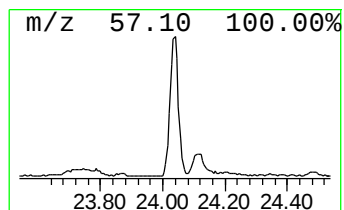
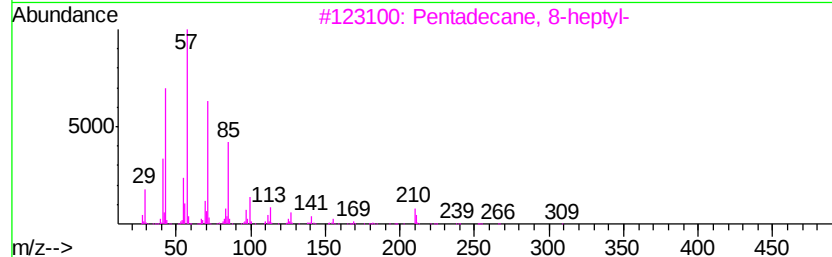
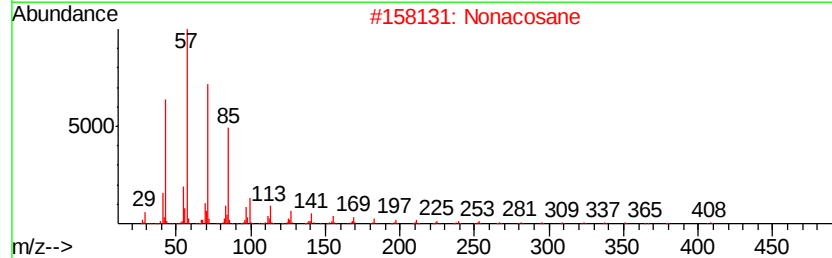
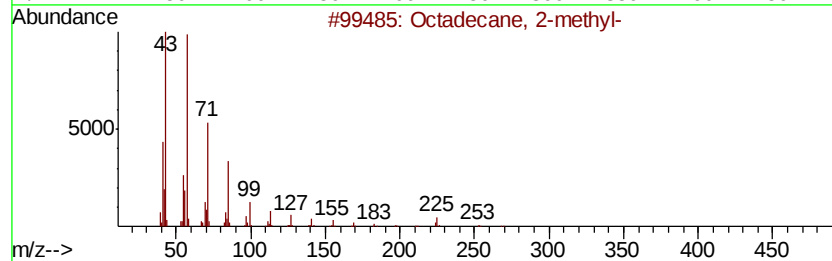
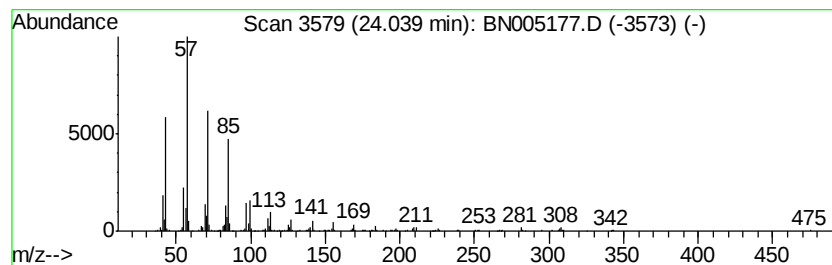
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.14 ng/ul	808993	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Nonacosane	408	C29H60	000630-03-5	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Docosane	310	C22H46	000629-97-0	87
5		Octadecane	254	C18H38	000593-45-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	4.7	ng/ul	1393700	4	16.99	5895170	20.0
Heptafluorobutano...	20.97	5.9	ng/ul	1903700	5	21.22	6407560	20.0
(DEL) Alkane: Str...	24.04	2.1	ng/ul	808993	6	23.43	7552940	20.0