

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000583.D
 Acq On : 23 Mar 2018 18:15
 Operator : JU/SJ
 Sample : J1955-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1007

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	21	25	37	rVB	34981	56510	1.60%	0.136%
2	4.413	162	166	172	rVB2	3199	4384	0.12%	0.011%
3	4.790	227	230	236	rVB2	2175	3769	0.11%	0.009%
4	4.984	260	263	267	rBV4	4340	5328	0.15%	0.013%
5	5.407	329	335	341	rVB3	7921	13396	0.38%	0.032%
6	6.419	503	507	513	rBV2	6087	9986	0.28%	0.024%
7	6.566	526	532	537	rVB5	2972	5536	0.16%	0.013%
8	7.549	693	699	711	rBV	569002	958129	27.17%	2.308%
9	7.713	721	727	736	rBV	495529	798275	22.63%	1.923%
10	7.931	758	764	776	rVB	578417	962824	27.30%	2.319%
11	8.413	836	846	855	rBV	587896	968662	27.47%	2.333%
12	9.119	959	966	976	rBV	773447	1246823	35.35%	3.004%
13	9.590	1038	1046	1056	rBV	534481	907208	25.72%	2.185%
14	9.678	1056	1061	1068	rBV2	8359	15115	0.43%	0.036%
15	9.948	1101	1107	1110	rBV	8219	12054	0.34%	0.029%
16	10.319	1163	1170	1177	rBV	444049	733745	20.80%	1.768%
17	10.866	1256	1263	1273	rBV	690175	1182344	33.52%	2.848%
18	11.248	1321	1328	1337	rVB	843444	1433963	40.66%	3.454%
19	11.378	1340	1350	1363	rBV	712706	1213099	34.40%	2.922%
20	12.431	1524	1529	1535	rVB	15165	21775	0.62%	0.052%
21	12.807	1587	1593	1599	rBB	10538	16977	0.48%	0.041%
22	13.819	1760	1765	1772	rVB	19413	26627	0.75%	0.064%
23	14.336	1850	1853	1857	rBV5	3480	5941	0.17%	0.014%
24	14.419	1857	1867	1871	rVV	1350749	1900862	53.90%	4.579%
25	14.466	1871	1875	1880	rVV	314026	446967	12.67%	1.077%
26	14.507	1880	1882	1889	rVB2	7863	11768	0.33%	0.028%
27	14.589	1889	1896	1900	rBV2	6027	8648	0.25%	0.021%
28	14.636	1900	1904	1907	rBV3	3425	4733	0.13%	0.011%
29	14.672	1907	1910	1913	rVV2	2981	3688	0.10%	0.009%
30	14.730	1913	1920	1932	rVV	1592078	2288109	64.88%	5.512%
31	14.878	1940	1945	1953	rVB	75562	96911	2.75%	0.233%
32	14.954	1953	1958	1962	rVV5	5327	10198	0.29%	0.025%
33	15.030	1964	1971	1979	rVV2	1228288	1910534	54.17%	4.602%
34	15.083	1979	1980	1987	rVB4	3535	4487	0.13%	0.011%

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 Title : SVOA CALIBRATION

35	15.213	1996	2002	2015	rBV	562127	823301	23.34%	1.983%
36	15.319	2016	2020	2022	rVV3	7774	11793	0.33%	0.028%
37	15.372	2026	2029	2035	rVB2	7944	10170	0.29%	0.024%
38	15.430	2035	2039	2044	rVB2	7807	10560	0.30%	0.025%
39	15.489	2044	2049	2052	rBV2	14645	20903	0.59%	0.050%
40	15.560	2057	2061	2066	rVV2	7518	12221	0.35%	0.029%
41	15.601	2066	2068	2072	rVB4	4495	5362	0.15%	0.013%
42	15.777	2093	2098	2101	rBV	34933	44374	1.26%	0.107%
43	15.825	2101	2106	2110	rVB	87492	113302	3.21%	0.273%
44	15.877	2110	2115	2119	rBV2	5290	7977	0.23%	0.019%
45	15.925	2119	2123	2131	rVB8	4299	7768	0.22%	0.019%
46	16.013	2131	2138	2145	rBV	1943193	2795212	79.25%	6.734%
47	16.125	2152	2157	2165	rBV	463016	621564	17.62%	1.497%
48	16.225	2167	2174	2176	rVV2	23267	49187	1.39%	0.118%
49	16.248	2176	2178	2183	rVV	22951	30765	0.87%	0.074%
50	16.319	2185	2190	2195	rVB3	6636	11124	0.32%	0.027%
51	16.372	2195	2199	2206	rBV3	8398	14214	0.40%	0.034%
52	16.442	2207	2211	2214	rVB2	10450	12372	0.35%	0.030%
53	16.519	2222	2224	2229	rVB4	2963	3553	0.10%	0.009%
54	16.630	2237	2243	2246	rBV5	3501	5918	0.17%	0.014%
55	16.677	2246	2251	2259	rBV	78111	134189	3.80%	0.323%
56	16.860	2280	2282	2286	rVB2	3592	5157	0.15%	0.012%
57	16.960	2292	2299	2304	rBV2	13652	22552	0.64%	0.054%
58	17.013	2304	2308	2312	rBV3	7617	12504	0.35%	0.030%
59	17.072	2316	2318	2321	rVB	6536	7119	0.20%	0.017%
60	17.113	2321	2325	2327	rBV2	5585	6894	0.20%	0.017%
61	17.177	2333	2336	2343	rVB3	8842	11809	0.33%	0.028%
62	17.242	2343	2347	2351	rBV3	7390	9135	0.26%	0.022%
63	17.289	2352	2355	2359	rVV2	3642	5410	0.15%	0.013%
64	17.460	2379	2384	2388	rBV	60537	71909	2.04%	0.173%
65	17.513	2389	2393	2396	rVV	17086	25572	0.73%	0.062%
66	17.542	2396	2398	2404	rVB2	9065	12593	0.36%	0.030%
67	17.754	2428	2434	2444	rBV2	1609136	2279784	64.64%	5.492%
68	17.854	2444	2451	2459	rVV2	2086032	3051766	86.53%	7.352%
69	17.930	2461	2464	2467	rVB4	4395	4243	0.12%	0.010%
70	17.995	2472	2475	2479	rBV3	5079	6981	0.20%	0.017%
71	18.089	2485	2491	2495	rBV6	7012	17509	0.50%	0.042%

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72	18.195	2503	2509	2515	rBV	34363	43056	1.22%	0.104%
73	18.366	2535	2538	2544	rVB6	3885	5858	0.17%	0.014%
74	18.471	2551	2556	2558	rBV3	3697	5474	0.16%	0.013%
75	18.495	2558	2560	2564	rVB2	3668	4714	0.13%	0.011%
76	18.589	2571	2576	2588	rBV	174537	272232	7.72%	0.656%
77	18.871	2620	2624	2628	rBV3	14486	17066	0.48%	0.041%
78	18.913	2628	2631	2635	rVB2	7326	8665	0.25%	0.021%
79	19.348	2703	2705	2709	rBV3	6837	8930	0.25%	0.022%
80	19.436	2716	2720	2725	rBV6	6783	10663	0.30%	0.026%
81	19.701	2762	2765	2767	rBV3	9431	11333	0.32%	0.027%
82	19.748	2769	2773	2777	rVB	25265	37694	1.07%	0.091%
83	19.836	2784	2788	2797	rBV	45958	68635	1.95%	0.165%
84	20.001	2812	2816	2819	rVB	20791	26592	0.75%	0.064%
85	20.107	2828	2834	2845	rBV2	2503076	3526891	100.00%	8.496%
86	20.560	2908	2911	2913	rBV4	8208	11183	0.32%	0.027%
87	21.530	3072	3076	3092	rBV	319333	488512	13.85%	1.177%
88	21.877	3129	3135	3144	rBV	1987244	2591305	73.47%	6.242%
89	22.442	3229	3231	3235	rBV2	22211	30261	0.86%	0.073%
90	22.954	3314	3318	3325	rVB	64342	97091	2.75%	0.234%
91	23.101	3339	3343	3352	rVB	80967	120628	3.42%	0.291%
92	23.512	3409	3413	3420	rVB3	105129	177859	5.04%	0.428%
93	24.148	3515	3521	3523	rBV	119481	210172	5.96%	0.506%
94	24.201	3523	3530	3545	rVV2	1535570	3161059	89.63%	7.615%
95	24.354	3548	3556	3570	rVB2	1125661	2339582	66.34%	5.636%
96	24.871	3638	3644	3653	rVB	119600	251396	7.13%	0.606%
97	25.712	3781	3787	3796	rVB	104596	232032	6.58%	0.559%
98	26.695	3950	3954	3964	rVB2	69307	166098	4.71%	0.400%

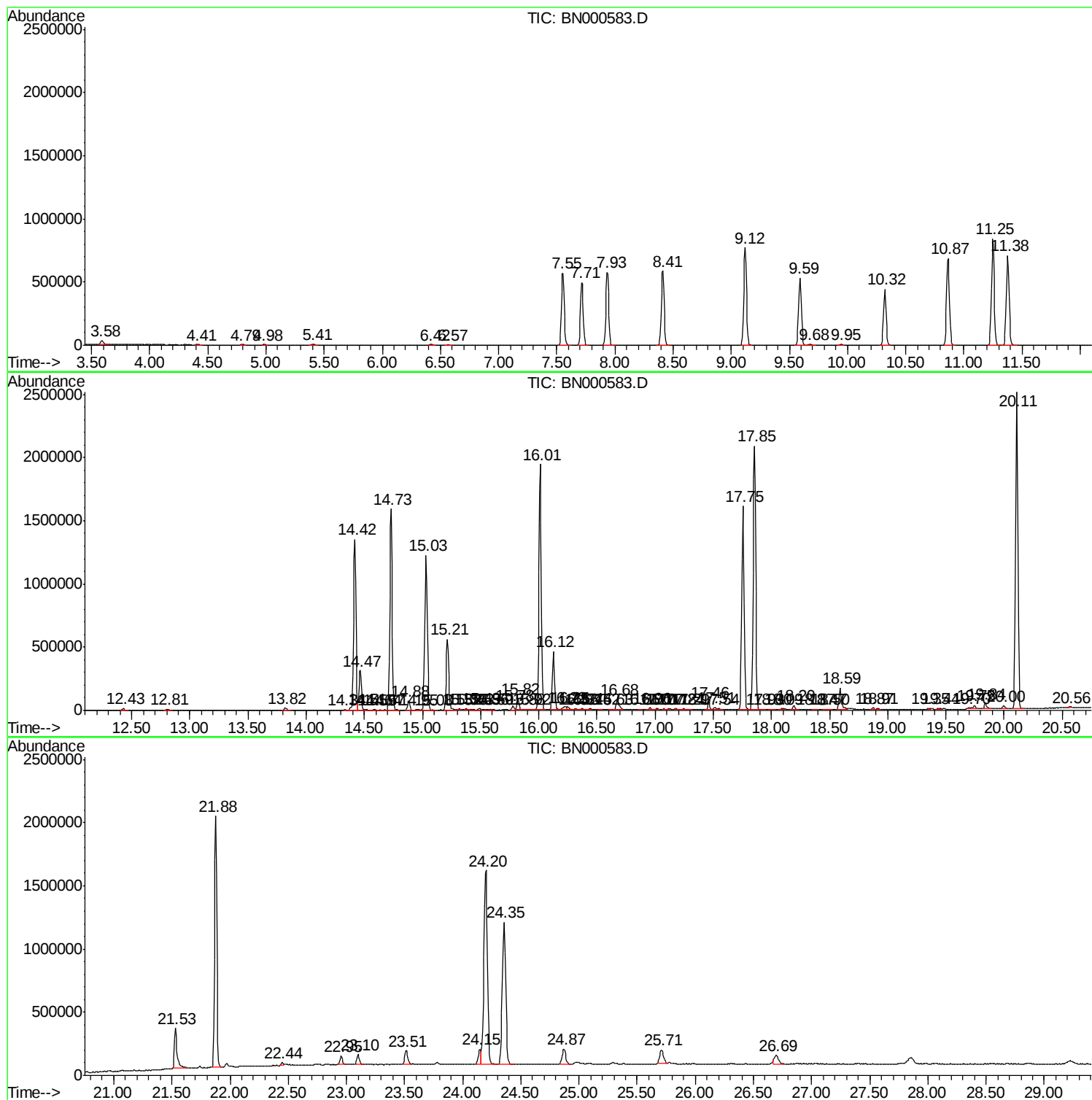
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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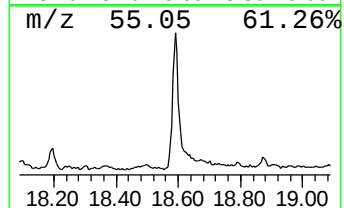
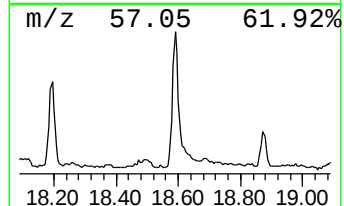
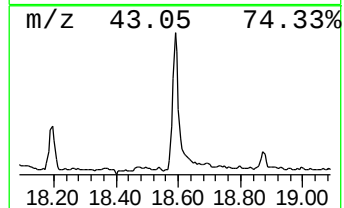
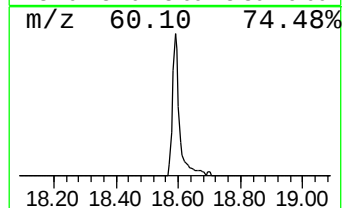
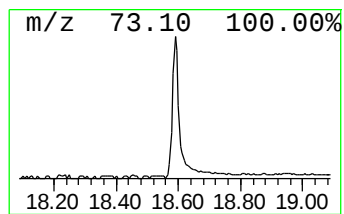
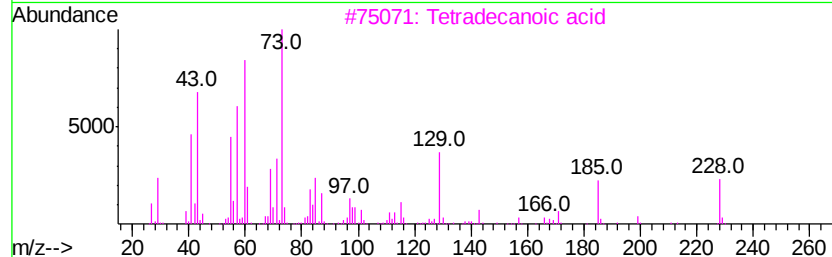
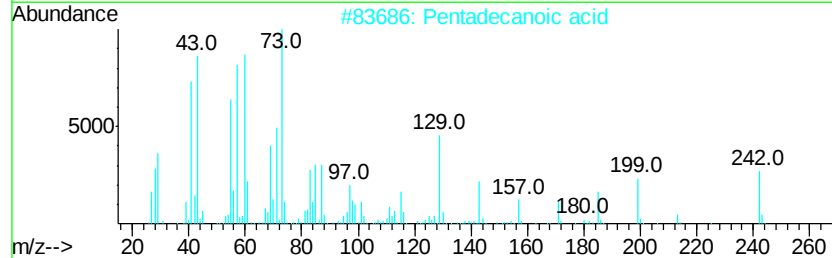
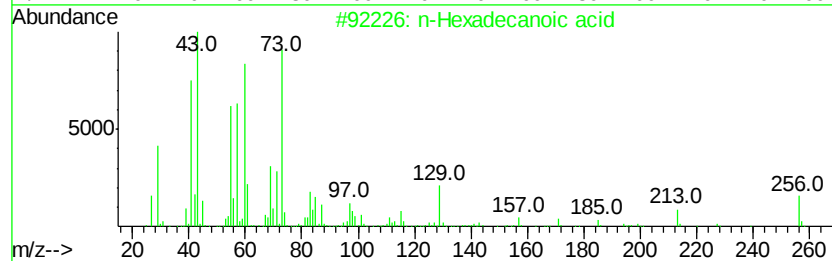
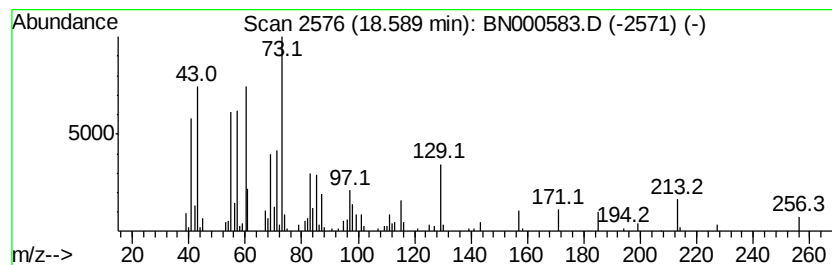
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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.		
18.59	2.39 ng/ul	272232	Phenanthrene-d10		17.75		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5			Tridecane	184	C13H28	000629-50-5	11



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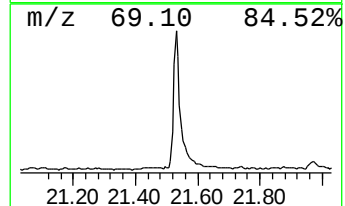
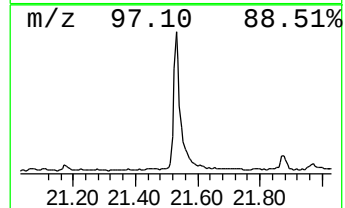
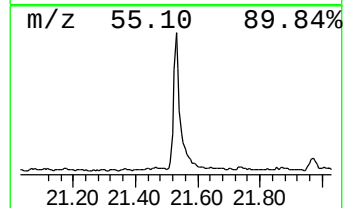
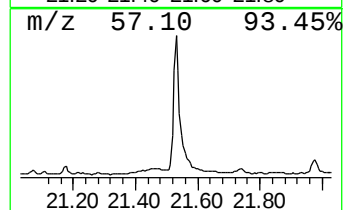
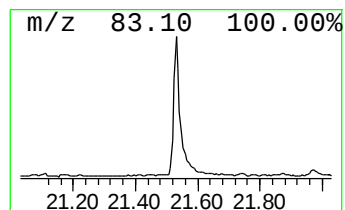
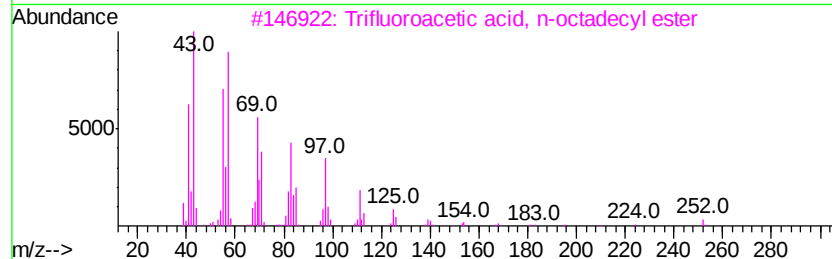
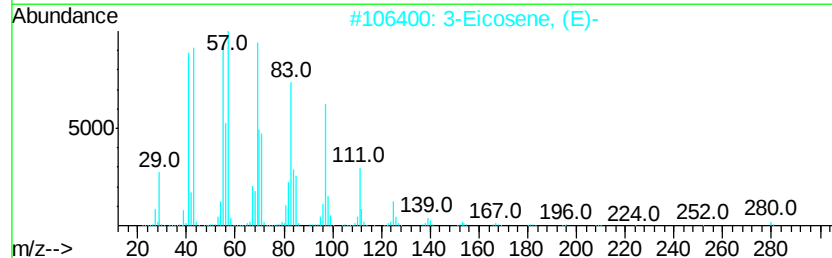
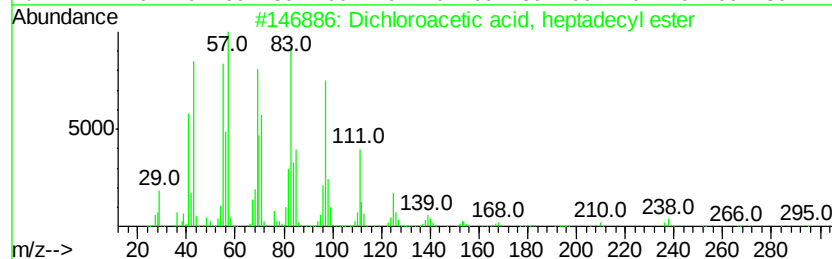
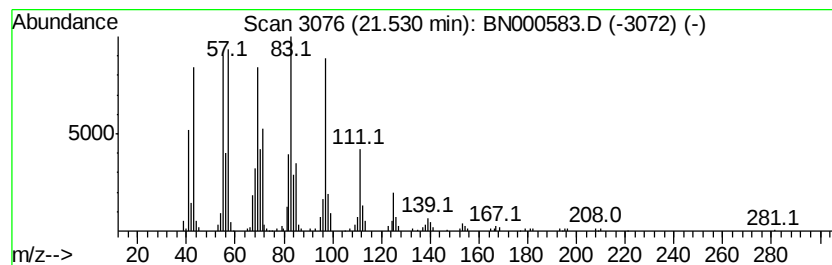
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.53	3.77 ng/ul	488512	Chrysene-d12	21.88		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93	
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91	
3	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91	
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90	
5	1-Nonadecanol	284	C19H40O	001454-84-8	87	



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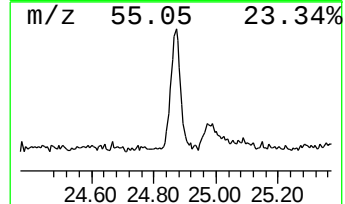
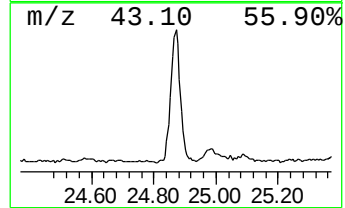
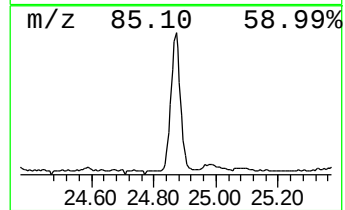
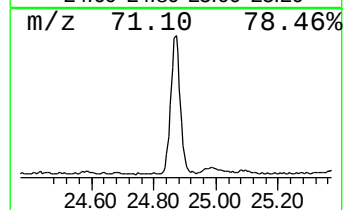
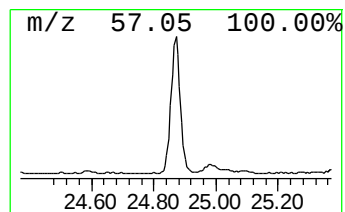
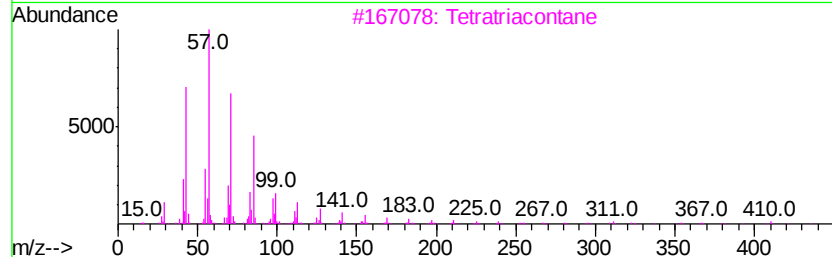
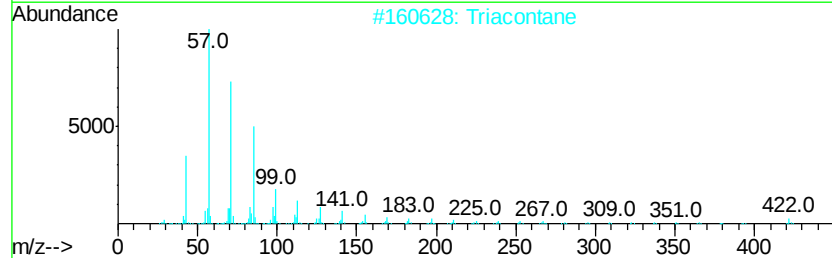
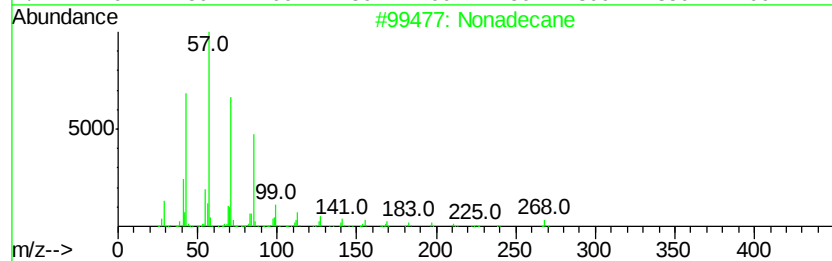
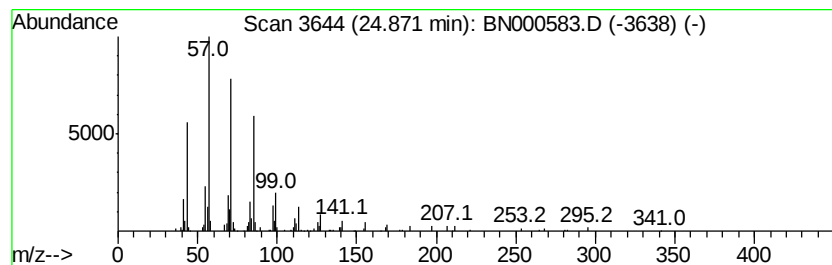
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.15 ng/ul	251396	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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C1007

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	18.59	2.4	ng/ul	272232	4	17.75	2279780	20.0
Dichloroacetic ac...	21.53	3.8	ng/ul	488512	5	21.88	2591310	20.0
(DEL) Alkane: Str...	24.87	2.1	ng/ul	251396	6	24.35	2339580	20.0