

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044683.D
 Acq On : 20 Mar 2024 14:53
 Operator : MA/JU
 Sample : P1760-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0764

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM044683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	25	29	40	rVB	32830	50802	3.16%	0.243%
2	3.540	74	77	81	rBV2	7031	8733	0.54%	0.042%
3	3.663	95	98	111	rBV	116694	221486	13.76%	1.060%
4	3.957	144	148	152	rBV2	10583	13039	0.81%	0.062%
5	4.498	236	240	247	rVB4	14452	21361	1.33%	0.102%
6	4.687	270	272	278	rVB6	2985	3283	0.20%	0.016%
7	4.840	295	298	302	rBV2	7277	12270	0.76%	0.059%
8	5.122	343	346	347	rBV2	3111	2506	0.16%	0.012%
9	5.704	443	445	451	rVB6	4061	5513	0.34%	0.026%
10	5.822	462	465	466	rBV3	3702	3441	0.21%	0.016%
11	6.734	617	620	622	rBV3	2673	2690	0.17%	0.013%
12	6.863	636	642	655	rBV	372467	655186	40.72%	3.136%
13	7.045	666	673	684	rBV	312361	520329	32.34%	2.491%
14	7.228	697	704	712	rVV	379441	611287	37.99%	2.926%
15	7.304	715	717	720	rVB4	5594	6331	0.39%	0.030%
16	7.557	758	760	763	rVB4	2733	3293	0.20%	0.016%
17	7.692	776	783	791	rBV	471506	743796	46.23%	3.560%
18	7.757	791	794	799	rVB7	3725	6032	0.37%	0.029%
19	8.286	881	884	888	rBV6	1819	2667	0.17%	0.013%
20	8.398	896	903	915	rBV	385167	669776	41.63%	3.206%
21	8.481	915	917	919	rVV3	3977	4214	0.26%	0.020%
22	8.522	919	924	933	rVB	50989	83529	5.19%	0.400%
23	8.851	973	980	990	rBV	334872	565105	35.12%	2.705%
24	9.228	1038	1044	1050	rBV2	18555	28658	1.78%	0.137%
25	9.439	1076	1080	1085	rBV6	7948	17162	1.07%	0.082%
26	9.569	1094	1102	1112	rBV	247751	437058	27.16%	2.092%
27	9.769	1129	1136	1141	rBV9	4567	13906	0.86%	0.067%
28	9.933	1158	1164	1170	rBV5	6028	12262	0.76%	0.059%
29	10.098	1184	1192	1203	rBV	352031	656259	40.79%	3.141%
30	10.269	1218	1221	1226	rVB7	2466	3281	0.20%	0.016%
31	10.469	1247	1255	1263	rBV	567834	971640	60.39%	4.651%
32	10.627	1273	1282	1303	rBV	224432	486147	30.21%	2.327%
33	10.992	1339	1344	1345	rBV3	1560	2252	0.14%	0.011%
34	11.257	1382	1389	1396	rBV5	8280	21258	1.32%	0.102%
35	11.322	1398	1400	1404	rVV5	3645	5018	0.31%	0.024%
36	11.386	1408	1411	1415	rBV5	2816	3190	0.20%	0.015%

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37	11.533	1434	1436	1439	rVB4	2598	2567	0.16%	0.012%
38	11.569	1439	1442	1447	rBV6	2400	3185	0.20%	0.015%
39	11.710	1461	1466	1467	rVV4	2074	2822	0.18%	0.014%
40	11.722	1467	1468	1472	rVV5	3058	2539	0.16%	0.012%
41	11.898	1494	1498	1505	rVB9	7739	15342	0.95%	0.073%
42	12.074	1524	1528	1532	rVB6	4727	8330	0.52%	0.040%
43	12.557	1604	1610	1613	rVV7	1920	4050	0.25%	0.019%
44	12.827	1654	1656	1658	rVB2	2723	2401	0.15%	0.011%
45	13.121	1703	1706	1709	rVV4	2001	2933	0.18%	0.014%
46	13.157	1709	1712	1717	rVV3	10161	14450	0.90%	0.069%
47	13.239	1720	1726	1731	rVV2	10397	17824	1.11%	0.085%
48	13.316	1734	1739	1740	rVV4	1897	2950	0.18%	0.014%
49	13.463	1759	1764	1765	rBV5	2359	3862	0.24%	0.018%
50	13.757	1808	1814	1827	rVV	555773	845853	52.57%	4.049%
51	14.027	1852	1860	1872	rBV2	686099	1047894	65.12%	5.016%
52	14.245	1894	1897	1901	rVB3	4918	4828	0.30%	0.023%
53	14.339	1906	1913	1922	rBV	750282	1108378	68.88%	5.305%
54	14.410	1922	1925	1930	rVB6	2104	2862	0.18%	0.014%
55	14.480	1932	1937	1940	rVB6	1684	2985	0.19%	0.014%
56	14.563	1944	1951	1972	rBV2	137305	376327	23.39%	1.801%
57	14.780	1981	1988	1997	rVV2	11611	27823	1.73%	0.133%
58	14.863	1999	2002	2007	rVB7	2337	4423	0.27%	0.021%
59	14.998	2024	2025	2029	rBV4	1865	2682	0.17%	0.013%
60	15.127	2043	2047	2048	rBV4	2159	3108	0.19%	0.015%
61	15.157	2050	2052	2056	rVB4	2238	2667	0.17%	0.013%
62	15.204	2056	2060	2063	rVB4	6397	7414	0.46%	0.035%
63	15.339	2075	2083	2092	rBV	863568	1317151	81.86%	6.305%
64	15.462	2097	2104	2115	rBV	151451	237925	14.79%	1.139%
65	15.586	2121	2125	2127	rBV4	4113	5141	0.32%	0.025%
66	15.610	2127	2129	2133	rVB4	3436	4142	0.26%	0.020%
67	15.815	2160	2164	2166	rBV5	1975	3059	0.19%	0.015%
68	16.027	2195	2200	2202	rBV5	1965	3271	0.20%	0.016%
69	16.074	2202	2208	2209	rBV6	4052	6954	0.43%	0.033%
70	16.133	2215	2218	2220	rVB4	2698	2942	0.18%	0.014%
71	16.515	2279	2283	2288	rBV6	4322	7779	0.48%	0.037%
72	16.586	2294	2295	2301	rVB6	3560	5156	0.32%	0.025%
73	16.645	2303	2305	2307	rVV3	1766	2255	0.14%	0.011%
74	16.692	2312	2313	2317	rVB4	2535	2288	0.14%	0.011%
75	16.868	2340	2343	2345	rBV4	3791	4010	0.25%	0.019%
76	16.915	2348	2351	2353	rVV2	3515	3417	0.21%	0.016%

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77	17.092	2375	2381	2387	rBV	851939	1177960	73.21%	5.639%
78	17.192	2392	2398	2410	rBV2	871979	1266532	78.71%	6.063%
79	17.286	2410	2414	2415	rBV4	3421	3932	0.24%	0.019%
80	17.521	2453	2454	2462	rVB8	3380	4627	0.29%	0.022%
81	17.609	2465	2469	2473	rBV6	4536	7813	0.49%	0.037%
82	17.780	2493	2498	2502	rVV7	6163	9513	0.59%	0.046%
83	17.880	2510	2515	2517	rBV5	8485	13452	0.84%	0.064%
84	17.998	2530	2535	2546	rVV	112896	184502	11.47%	0.883%
85	18.168	2563	2564	2569	rVB5	4280	3545	0.22%	0.017%
86	18.298	2584	2586	2590	rVB5	4220	4069	0.25%	0.019%
87	18.492	2615	2619	2622	rBV6	3122	5013	0.31%	0.024%
88	18.580	2631	2634	2639	rVB5	6956	9632	0.60%	0.046%
89	18.686	2649	2652	2653	rBV2	3524	3315	0.21%	0.016%
90	18.809	2669	2673	2677	rBV4	9158	14926	0.93%	0.071%
91	18.856	2677	2681	2684	rVV6	4132	6472	0.40%	0.031%
92	19.062	2711	2716	2721	rBV7	14990	26791	1.67%	0.128%
93	19.133	2725	2728	2729	rVV2	8615	10340	0.64%	0.049%
94	19.162	2729	2733	2739	rVB	38593	64908	4.03%	0.311%
95	19.292	2751	2755	2767	rBV3	44468	67998	4.23%	0.325%
96	19.492	2783	2789	2798	rBV	1148726	1566891	97.38%	7.500%
97	21.021	3045	3049	3055	rBV	83914	134597	8.36%	0.644%
98	21.292	3090	3095	3104	rBV	941427	1258144	78.19%	6.022%
99	23.391	3446	3452	3459	rBV	871598	1609066	100.00%	7.702%
100	23.538	3471	3477	3491	rVB	721131	1436395	89.27%	6.876%

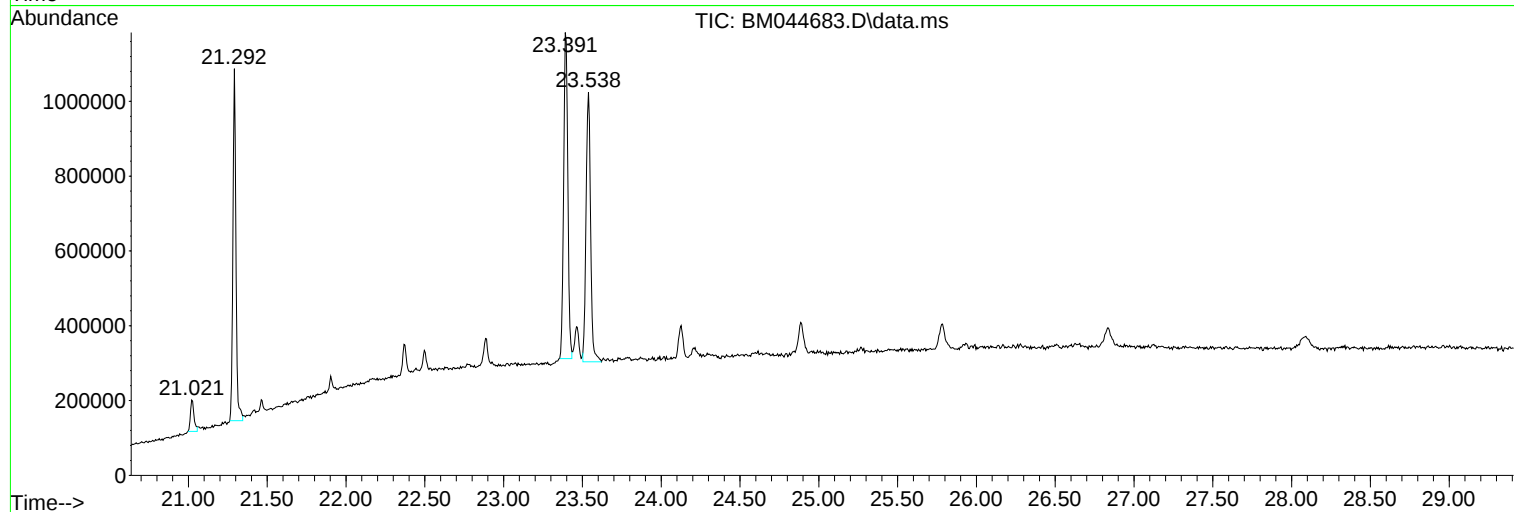
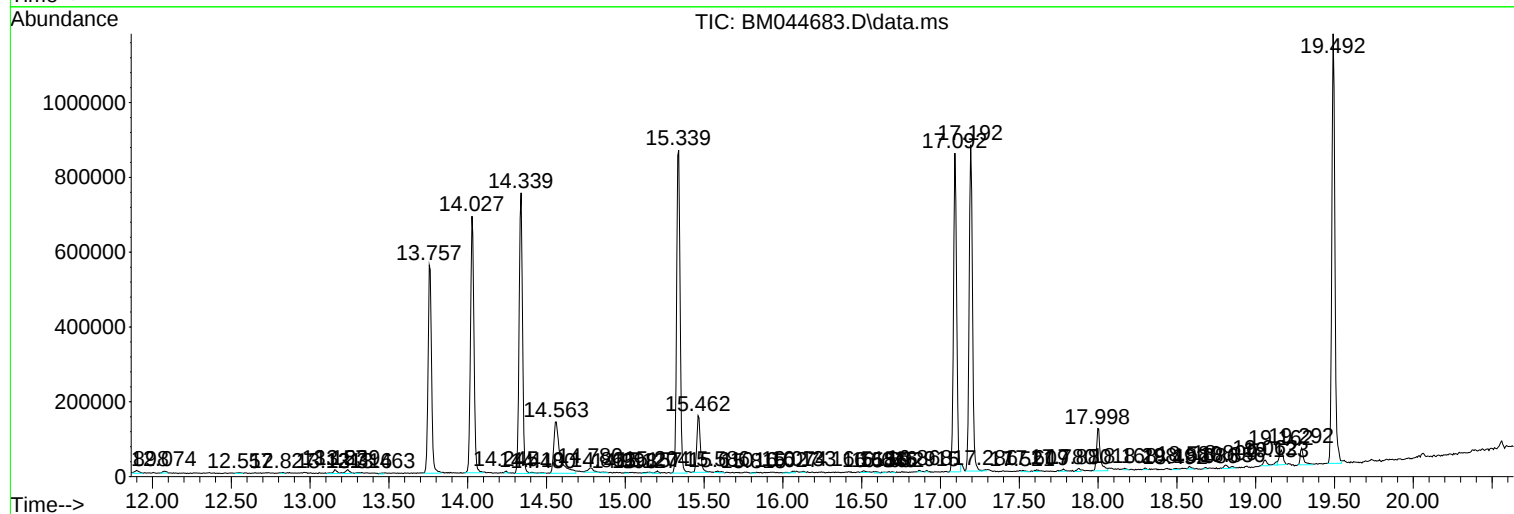
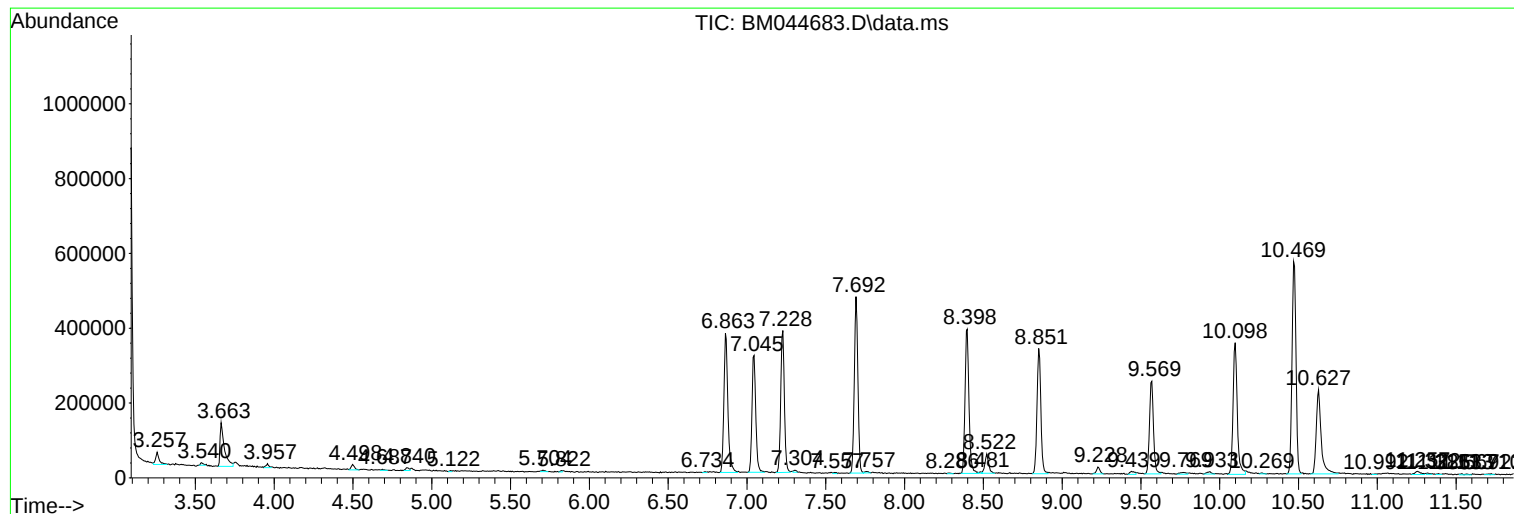
Sum of corrected areas: 20891182

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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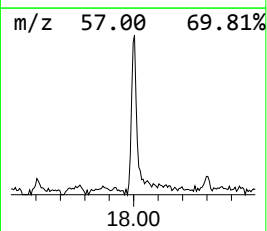
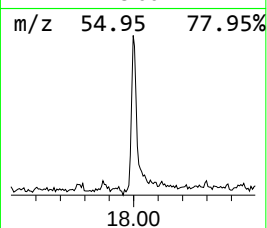
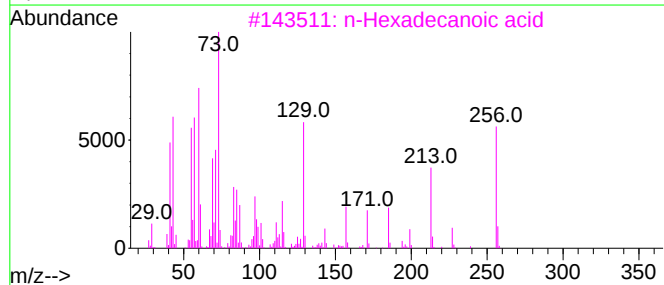
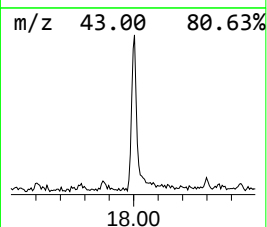
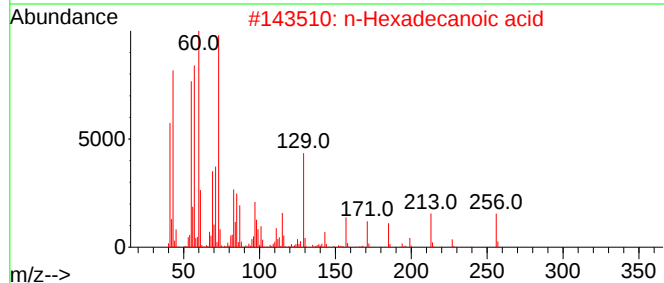
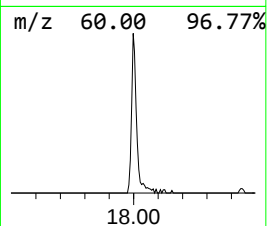
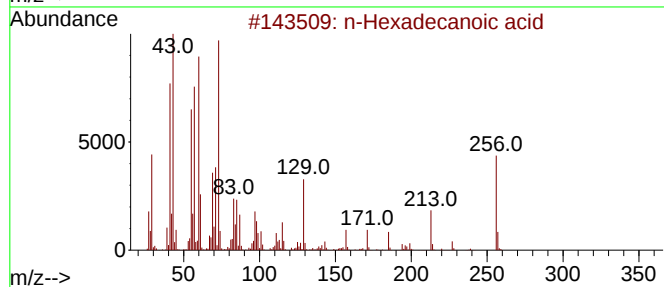
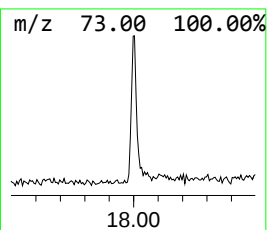
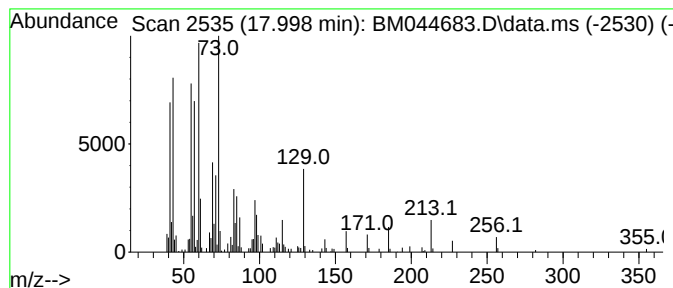
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	3.13 ng/ul	184502	Phenanthrene-d10	17.092

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	98		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		



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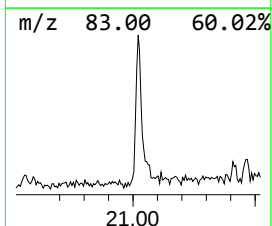
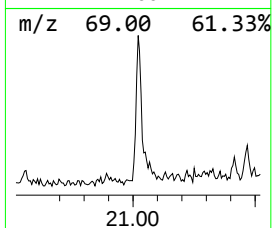
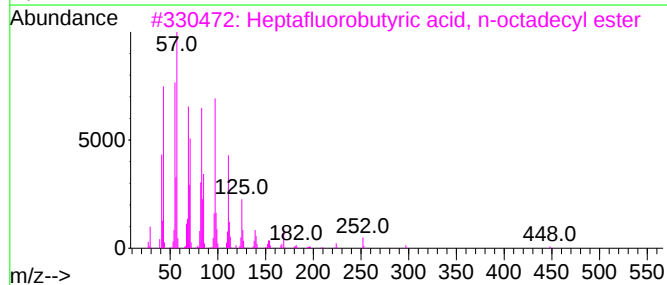
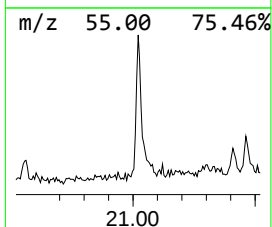
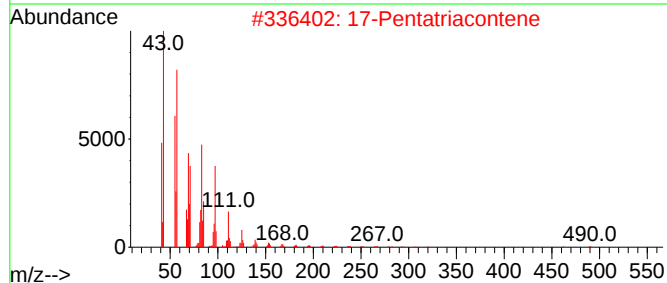
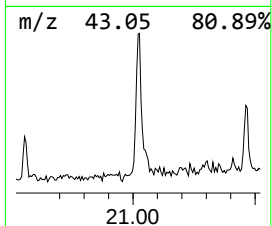
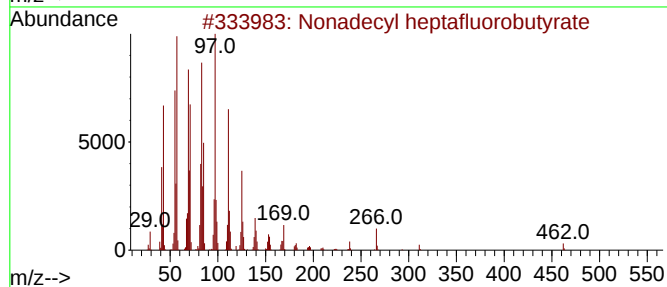
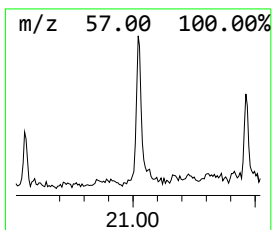
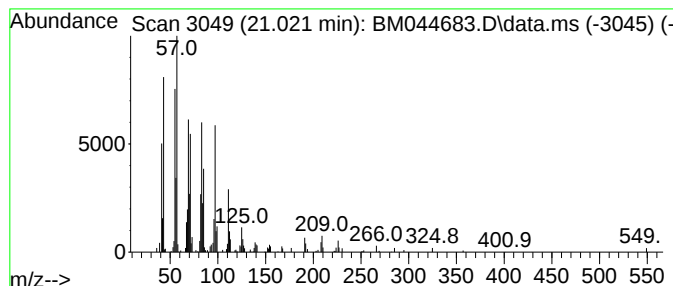
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	2.14 ng/ul	134597	Chrysene-d12	21.291

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2			17-Pentatriacontene	491	C35H70	006971-40-0	90
3			Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	90
4			Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	87
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.998	3.1	ng/ul	184502	4	17.092	1177960	20.0
Nonadecyl hepta...	21.021	2.1	ng/ul	134597	5	21.291	1258140	20.0