

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034985.D
 Acq On : 11 May 2022 15:06
 Operator : CG/JU
 Sample : N2603-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW484

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-BM051022.M
 Title : SVOA CALIBRATION

Signal : TIC: BM034985.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	54	rVB	45643	58774	1.74%	0.137%
2	3.640	91	94	101	rBV	19525	34621	1.02%	0.081%
3	3.775	114	117	134	rBV	453764	691961	20.47%	1.614%
4	4.110	171	174	178	rVB2	14524	19073	0.56%	0.045%
5	5.028	326	330	334	rBV2	12254	17715	0.52%	0.041%
6	7.081	670	679	693	rVV	700359	1077406	31.87%	2.514%
7	7.251	701	708	717	rBV	524065	844176	24.97%	1.970%
8	7.328	718	721	731	rVV	10365	20595	0.61%	0.048%
9	7.451	735	742	753	rVV	729359	1130439	33.44%	2.638%
10	7.540	753	757	758	rVV4	2549	3541	0.10%	0.008%
11	7.557	758	760	765	rVB5	3854	3690	0.11%	0.009%
12	7.922	814	822	829	rBV	762481	1211119	35.82%	2.826%
13	7.992	829	834	838	rVB4	7085	10191	0.30%	0.024%
14	8.622	935	941	953	rBV	866202	1408261	41.65%	3.286%
15	8.739	960	961	967	rVB5	3869	4263	0.13%	0.010%
16	9.075	1009	1018	1030	rBV	691029	1132263	33.49%	2.642%
17	9.198	1036	1039	1044	rVB6	5765	8263	0.24%	0.019%
18	9.251	1044	1048	1052	rVV6	6369	10986	0.32%	0.026%
19	9.539	1092	1097	1102	rVB	10460	16180	0.48%	0.038%
20	9.798	1134	1141	1153	rBV	562256	933697	27.62%	2.179%
21	10.133	1195	1198	1200	rBV4	3079	3732	0.11%	0.009%
22	10.339	1225	1233	1245	rBV	845442	1382420	40.89%	3.225%
23	10.510	1258	1262	1270	rBV4	8574	17264	0.51%	0.040%
24	10.722	1290	1298	1307	rVB	1084457	1804203	53.37%	4.210%
25	10.851	1311	1320	1334	rBV	597620	1030690	30.49%	2.405%
26	11.180	1372	1376	1383	rVB5	8076	12964	0.38%	0.030%
27	11.375	1406	1409	1412	rVB4	3545	3444	0.10%	0.008%
28	11.763	1471	1475	1480	rVB6	3632	5561	0.16%	0.013%
29	12.022	1514	1519	1522	rBV6	2907	4204	0.12%	0.010%
30	12.163	1538	1543	1549	rVB6	7494	12670	0.37%	0.030%
31	12.310	1561	1568	1575	rVB2	17995	29536	0.87%	0.069%
32	12.516	1600	1603	1606	rBV3	2403	3661	0.11%	0.009%
33	12.827	1652	1656	1659	rBV5	2196	3535	0.10%	0.008%
34	12.922	1667	1672	1675	rBV4	3723	5772	0.17%	0.013%
35	12.974	1677	1681	1683	rVB4	3126	4239	0.13%	0.010%
36	13.116	1700	1705	1709	rVV5	4327	8071	0.24%	0.019%

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37	13.169	1709	1714	1718	rVB3	5731	8394	0.25%	0.020%
38	13.392	1748	1752	1760	rVB2	15760	24350	0.72%	0.057%
39	13.527	1770	1775	1778	rBV6	3457	6206	0.18%	0.014%
40	13.963	1843	1849	1855	rBV	1746336	2348785	69.47%	5.480%
41	14.057	1862	1865	1869	rVB5	4278	5168	0.15%	0.012%
42	14.245	1887	1897	1907	rVV	1859503	2683333	79.37%	6.261%
43	14.468	1928	1935	1939	rVB3	11290	16862	0.50%	0.039%
44	14.551	1943	1949	1957	rBV	1626520	2422559	71.66%	5.652%
45	14.733	1972	1980	1996	rBV	375415	654414	19.36%	1.527%
46	14.910	2005	2010	2015	rVB7	4185	5912	0.17%	0.014%
47	14.968	2016	2020	2023	rVV4	10856	13616	0.40%	0.032%
48	15.151	2046	2051	2054	rBV6	3673	6790	0.20%	0.016%
49	15.192	2054	2058	2061	rBV6	3664	4861	0.14%	0.011%
50	15.363	2080	2087	2091	rBV2	12408	19848	0.59%	0.046%
51	15.410	2091	2095	2099	rVB2	11054	15759	0.47%	0.037%
52	15.545	2111	2118	2127	rBV	2303325	3380841	100.00%	7.888%
53	15.651	2130	2136	2145	rVV	442988	617101	18.25%	1.440%
54	15.780	2154	2158	2163	rBV	25554	38457	1.14%	0.090%
55	15.821	2163	2165	2170	rVB5	6337	7915	0.23%	0.018%
56	16.033	2197	2201	2204	rVB6	5134	4481	0.13%	0.010%
57	16.092	2208	2211	2213	rBV5	2986	3946	0.12%	0.009%
58	16.233	2230	2235	2238	rBV7	4024	6508	0.19%	0.015%
59	16.268	2238	2241	2244	rBV2	11261	14791	0.44%	0.035%
60	16.298	2244	2246	2249	rVV3	3959	4976	0.15%	0.012%
61	16.439	2267	2270	2276	rVB8	5445	8561	0.25%	0.020%
62	16.610	2294	2299	2300	rBV4	4164	4048	0.12%	0.009%
63	16.686	2308	2312	2316	rVB6	4264	6602	0.20%	0.015%
64	16.974	2358	2361	2364	rVB5	3896	4385	0.13%	0.010%
65	17.068	2372	2377	2382	rBV5	11741	20031	0.59%	0.047%
66	17.115	2383	2385	2390	rVB5	5953	8754	0.26%	0.020%
67	17.221	2399	2403	2408	rVB6	6596	8118	0.24%	0.019%
68	17.292	2408	2415	2422	rBV	1815817	2545443	75.29%	5.939%
69	17.392	2425	2432	2443	rVV	2297931	3323829	98.31%	7.755%
70	17.480	2443	2447	2452	rVB8	21657	36939	1.09%	0.086%
71	17.662	2477	2478	2482	rBV4	3535	4669	0.14%	0.011%
72	17.804	2498	2502	2506	rBV6	9869	13469	0.40%	0.031%
73	17.857	2510	2511	2514	rBV3	3454	3447	0.10%	0.008%
74	17.974	2527	2531	2536	rBV	69162	81234	2.40%	0.190%
75	18.192	2563	2568	2577	rBV2	252314	343480	10.16%	0.801%
76	18.498	2617	2620	2627	rVB7	7936	10812	0.32%	0.025%

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Integrator: RTE
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 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 >
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77	18.856	2678	2681	2687	rBV7	6733	10042	0.30%	0.023%
78	19.127	2725	2727	2733	rVB6	6932	8943	0.26%	0.021%
79	19.245	2743	2747	2751	rBV2	29470	38830	1.15%	0.091%
80	19.315	2756	2759	2763	rBV	25089	32886	0.97%	0.077%
81	19.468	2781	2785	2793	rBV	65456	87137	2.58%	0.203%
82	19.680	2815	2821	2830	rBV	2477762	3258393	96.38%	7.603%
83	21.186	3073	3077	3087	rBV	523186	742091	21.95%	1.731%
84	21.468	3120	3125	3135	rBV	1714197	2177120	64.40%	5.080%
85	23.697	3497	3504	3512	rBV2	1419428	2749955	81.34%	6.416%
86	23.850	3524	3530	3543	rVB2	1023522	2045000	60.49%	4.771%

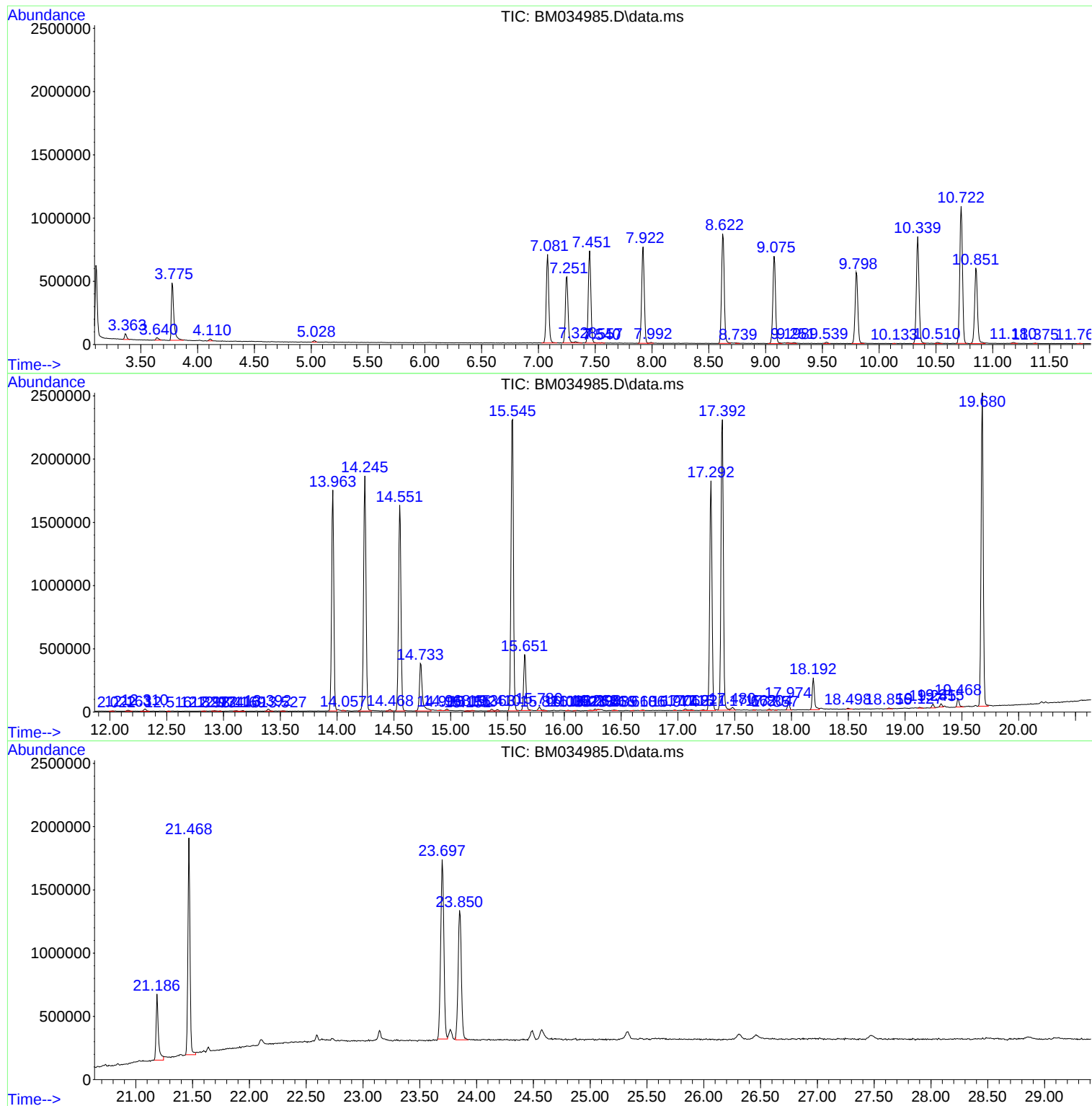
Sum of corrected areas: 42859271

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
BNA_M
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EW484

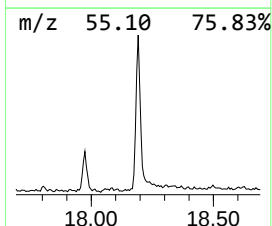
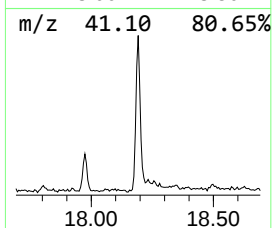
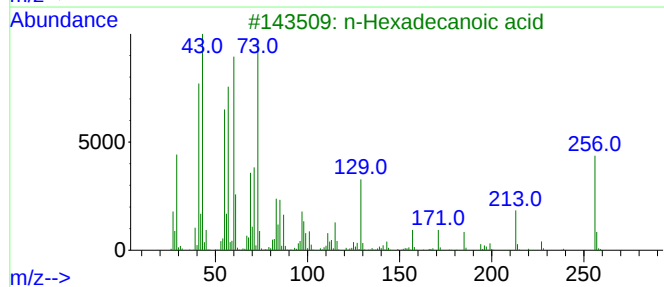
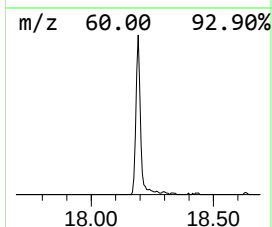
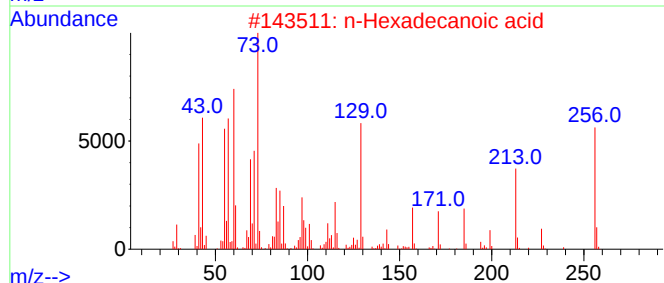
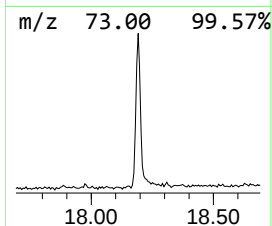
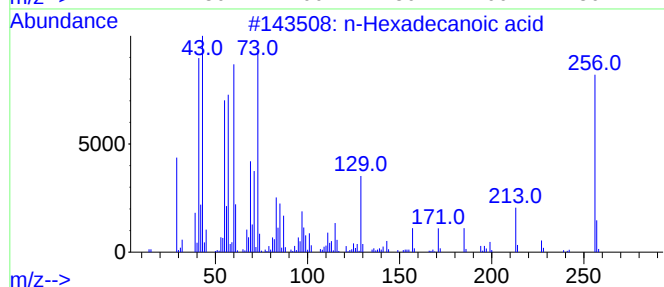
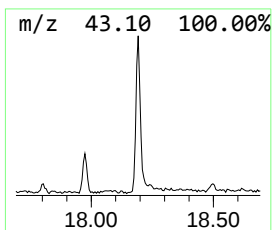
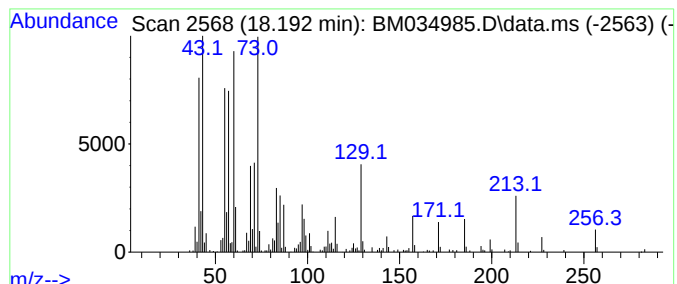
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	2.70 ng/ul	343480	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



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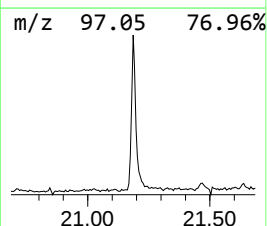
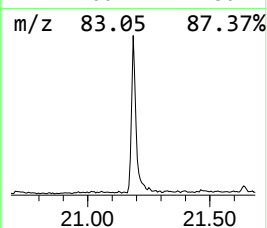
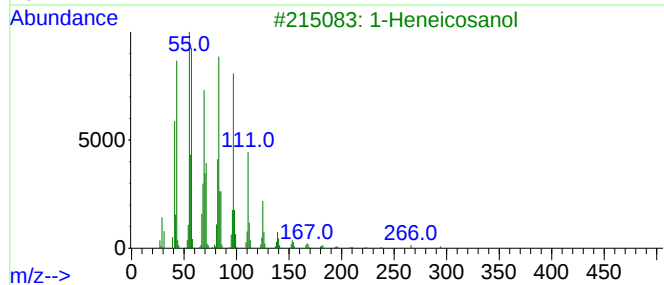
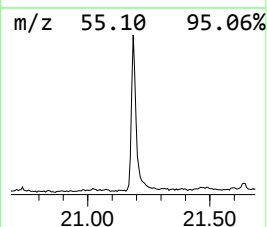
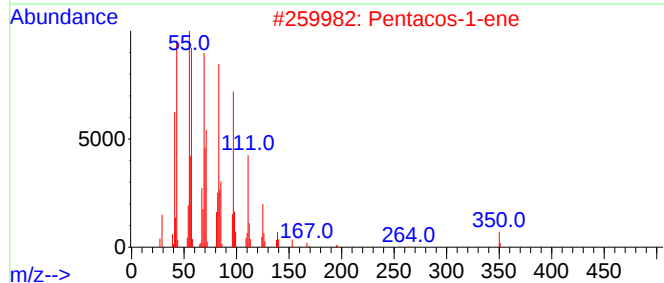
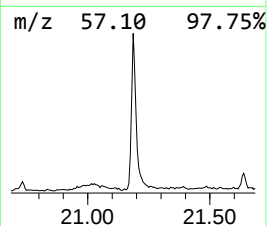
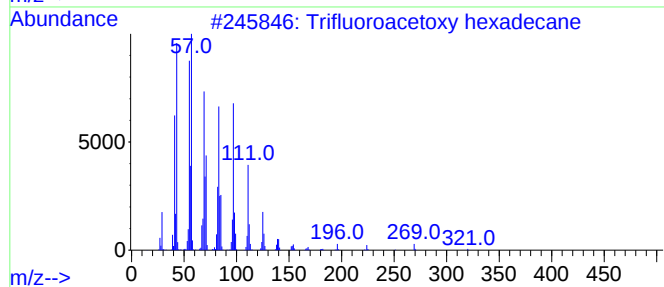
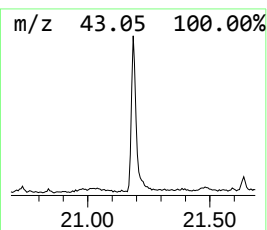
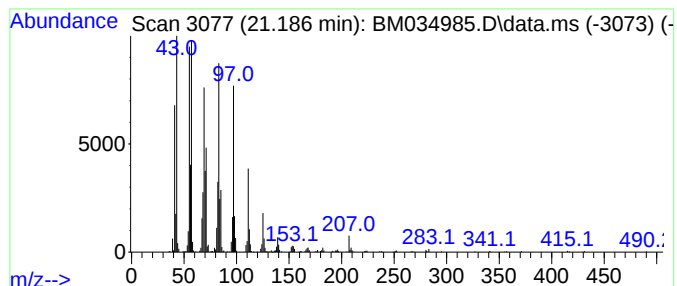
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	6.82 ng/ul	742091	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	94
4			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5			1-Hexacosene	364	C26H52	018835-33-1	94



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.192	2.7	ng/ul	343480	4	17.292	2545440	20.0
Trifluoroacetox...	21.186	6.8	ng/ul	742091	5	21.468	2177120	20.0