

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042929.D
 Acq On : 20 Nov 2023 15:41
 Operator : MA/JU
 Sample : 05174-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AM6

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-BM111323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM042929.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.170	28	31	37	rVB2	13712	17527	2.51%	0.213%
2	3.499	84	87	89	rBV3	3348	3847	0.55%	0.047%
3	3.611	103	106	124	rBV	71217	128993	18.49%	1.571%
4	3.911	155	157	158	rBV2	2810	1578	0.23%	0.019%
5	4.246	212	214	216	rBV3	1767	1154	0.17%	0.014%
6	5.116	360	362	364	rBV2	1247	888	0.13%	0.011%
7	5.158	367	369	372	rBV2	1344	1790	0.26%	0.022%
8	6.116	531	532	535	rBV3	950	834	0.12%	0.010%
9	6.646	619	622	623	rBV2	893	890	0.13%	0.011%
10	6.805	648	649	651	rBV2	1221	833	0.12%	0.010%
11	6.828	651	653	656	rVV3	896	1024	0.15%	0.012%
12	6.916	666	668	672	rVB4	849	904	0.13%	0.011%
13	6.975	672	678	694	rBV	106587	220460	31.60%	2.685%
14	7.157	703	709	724	rVB	85266	148146	21.24%	1.804%
15	7.328	733	738	750	rBV	120921	211582	30.33%	2.577%
16	7.569	776	779	781	rBV3	1088	1191	0.17%	0.015%
17	7.805	813	819	834	rBV	150649	265987	38.13%	3.240%
18	8.122	870	873	874	rBV3	789	843	0.12%	0.010%
19	8.528	936	942	954	rBV	113928	226592	32.48%	2.760%
20	8.675	966	967	972	rVB4	1435	1903	0.27%	0.023%
21	8.893	1001	1004	1007	rVB4	952	933	0.13%	0.011%
22	9.010	1017	1024	1039	rBV	103645	202449	29.02%	2.466%
23	9.193	1052	1055	1060	rVB4	1768	2653	0.38%	0.032%
24	9.357	1080	1083	1084	rVB3	1242	975	0.14%	0.012%
25	9.410	1091	1092	1096	rVB3	1019	912	0.13%	0.011%
26	9.581	1120	1121	1125	rBV4	946	945	0.14%	0.012%
27	9.722	1138	1145	1154	rBV	90953	167757	24.05%	2.043%
28	9.834	1162	1164	1166	rVB3	1408	1151	0.17%	0.014%
29	10.187	1221	1224	1226	rBV3	1108	1226	0.18%	0.015%
30	10.246	1228	1234	1251	rVV	106592	225554	32.33%	2.747%
31	10.616	1291	1297	1310	rBV	192675	333901	47.87%	4.067%
32	10.798	1322	1328	1345	rBV	85397	206525	29.61%	2.516%
33	10.981	1357	1359	1364	rVB3	1331	1779	0.26%	0.022%
34	11.169	1387	1391	1395	rVV4	721	959	0.14%	0.012%
35	11.481	1441	1444	1447	rBV3	1062	1304	0.19%	0.016%
36	11.998	1530	1532	1535	rBV3	939	1119	0.16%	0.014%

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Integration Parameters: LSCINT.P

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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37	12.034	1535	1538	1541	rVB4	818	1019	0.15%	0.012%
38	12.187	1562	1564	1567	rVV2	932	869	0.12%	0.011%
39	12.234	1569	1572	1575	rVV4	1333	1569	0.22%	0.019%
40	12.257	1575	1576	1583	rVB4	520	863	0.12%	0.011%
41	12.716	1651	1654	1657	rBV3	811	1165	0.17%	0.014%
42	12.869	1677	1680	1685	rVB3	1281	1436	0.21%	0.017%
43	13.222	1734	1740	1743	rBV4	2121	3449	0.49%	0.042%
44	13.310	1749	1755	1764	rBV2	13862	23201	3.33%	0.283%
45	13.663	1811	1815	1817	rBV4	1132	1274	0.18%	0.016%
46	13.886	1848	1853	1868	rVV	255367	351910	50.45%	4.286%
47	14.086	1885	1887	1893	rVV3	893	917	0.13%	0.011%
48	14.163	1895	1900	1917	rVV	260465	389781	55.88%	4.748%
49	14.298	1920	1923	1927	rVB3	827	906	0.13%	0.011%
50	14.463	1945	1951	1963	rVV	286025	407511	58.42%	4.964%
51	14.675	1982	1987	1991	rBV6	1704	2815	0.40%	0.034%
52	14.745	1993	1999	2016	rBV3	22690	91474	13.11%	1.114%
53	14.892	2022	2024	2027	rVB4	1674	1334	0.19%	0.016%
54	14.933	2029	2031	2039	rVB7	1613	2713	0.39%	0.033%
55	15.081	2054	2056	2058	rVV2	1277	1145	0.16%	0.014%
56	15.104	2058	2060	2063	rVV3	854	1125	0.16%	0.014%
57	15.198	2071	2076	2079	rVV2	1031	2034	0.29%	0.025%
58	15.245	2081	2084	2092	rVB4	1136	1948	0.28%	0.024%
59	15.457	2114	2120	2137	rBV	314371	479099	68.68%	5.836%
60	15.610	2142	2146	2156	rVV3	50220	89454	12.82%	1.090%
61	15.698	2160	2161	2163	rVV2	2028	1437	0.21%	0.018%
62	16.116	2227	2232	2233	rVB3	829	1068	0.15%	0.013%
63	16.275	2255	2259	2260	rBV3	827	826	0.12%	0.010%
64	16.298	2260	2263	2267	rVV4	874	1056	0.15%	0.013%
65	16.610	2312	2316	2319	rBV3	665	936	0.13%	0.011%
66	16.898	2361	2365	2367	rBV3	892	1028	0.15%	0.013%
67	16.951	2369	2374	2375	rBV4	786	831	0.12%	0.010%
68	17.216	2413	2419	2431	rBV	319873	473482	67.88%	5.767%
69	17.316	2431	2436	2450	rVV	341827	502514	72.04%	6.121%
70	17.710	2500	2503	2506	rBV4	851	1223	0.18%	0.015%
71	17.757	2509	2511	2514	rVB2	1021	831	0.12%	0.010%
72	17.845	2523	2526	2529	rBV3	1465	1658	0.24%	0.020%
73	17.951	2543	2544	2546	rBV2	874	851	0.12%	0.010%
74	17.974	2546	2548	2550	rVB2	1099	825	0.12%	0.010%
75	18.074	2560	2565	2578	rBV	45750	86053	12.34%	1.048%
76	18.198	2584	2586	2590	rVB3	1733	1992	0.29%	0.024%

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Peak Location: TOP

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77	18.357	2611	2613	2616	rVB3	1323	1431	0.21%	0.017%
78	18.463	2628	2631	2632	rVV3	1314	1112	0.16%	0.014%
79	18.486	2632	2635	2637	rVV3	2823	2948	0.42%	0.036%
80	18.510	2637	2639	2641	rVB2	1405	1189	0.17%	0.014%
81	18.616	2655	2657	2658	rBV2	935	903	0.13%	0.011%
82	18.721	2672	2675	2676	rBV2	1362	914	0.13%	0.011%
83	18.739	2676	2678	2680	rBV3	1516	1523	0.22%	0.019%
84	18.863	2697	2699	2700	rBV2	1656	1256	0.18%	0.015%
85	19.104	2738	2740	2741	rBV2	882	877	0.13%	0.011%
86	19.180	2749	2753	2756	rBV5	4332	7688	1.10%	0.094%
87	19.251	2758	2765	2770	rVV8	6884	16747	2.40%	0.204%
88	19.357	2780	2783	2790	rBV4	15938	26270	3.77%	0.320%
89	19.521	2809	2811	2812	rBV2	2335	1459	0.21%	0.018%
90	19.557	2814	2817	2820	rVB5	4127	4803	0.69%	0.059%
91	19.616	2822	2827	2834	rBV	486812	637047	91.32%	7.759%
92	20.092	2905	2908	2915	rBV4	9332	15236	2.18%	0.186%
93	20.586	2989	2992	2997	rBV3	13988	19456	2.79%	0.237%
94	21.057	3069	3072	3073	rBV	20729	22321	3.20%	0.272%
95	21.080	3073	3076	3086	rVB2	51753	103123	14.78%	1.256%
96	21.404	3126	3131	3141	rBV	401395	589549	84.52%	7.181%
97	21.492	3143	3146	3150	rVV2	24933	30449	4.37%	0.371%
98	21.933	3219	3221	3225	rVB	29261	28696	4.11%	0.350%
99	23.603	3499	3505	3513	rBV	346046	697567	100.00%	8.496%
100	23.756	3525	3531	3545	rVB	323792	674762	96.73%	8.219%

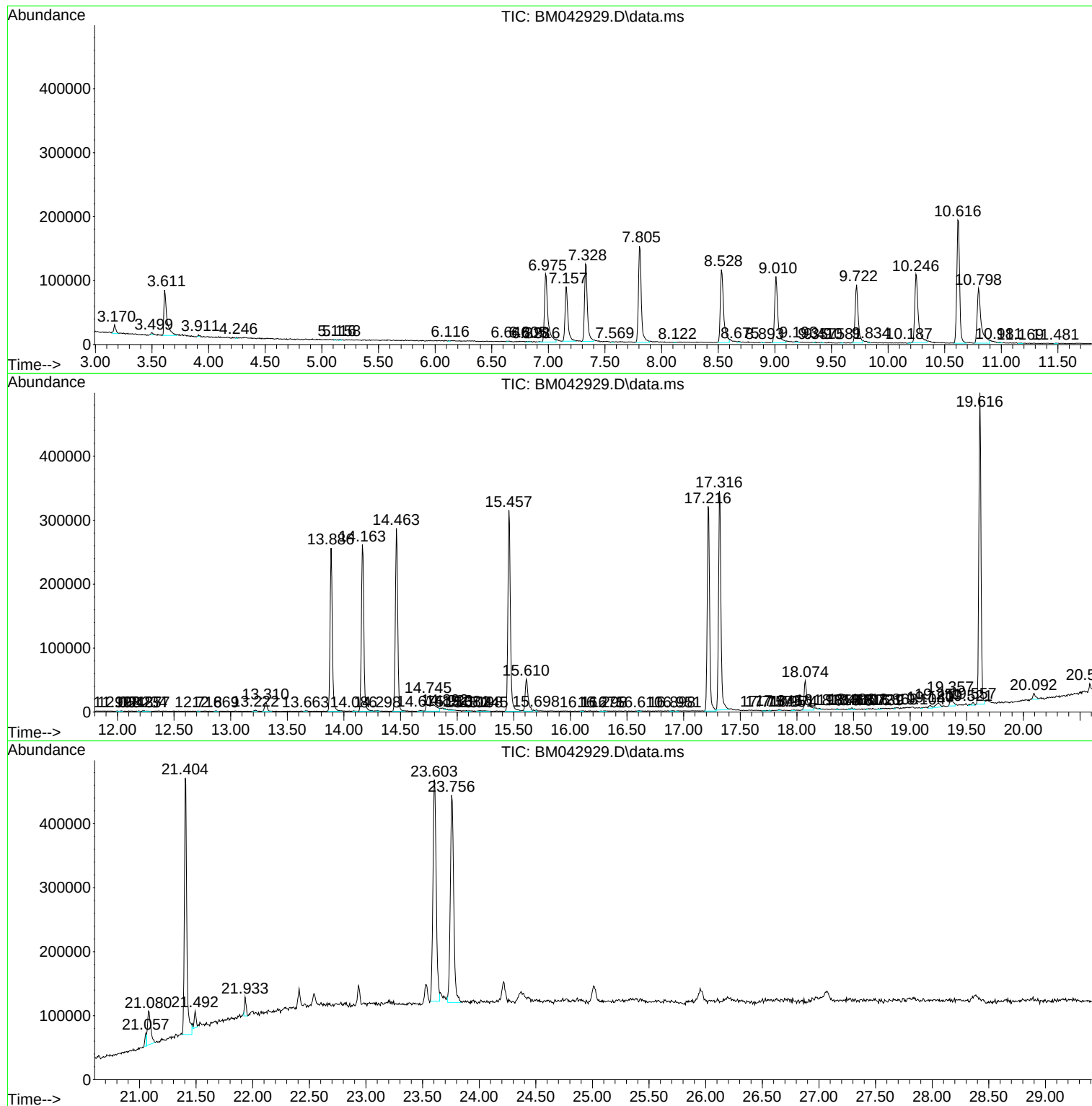
Sum of corrected areas: 8210056

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



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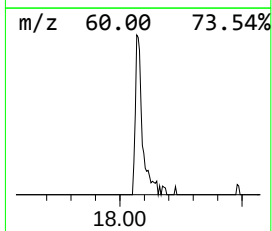
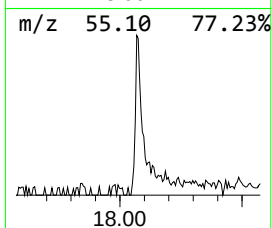
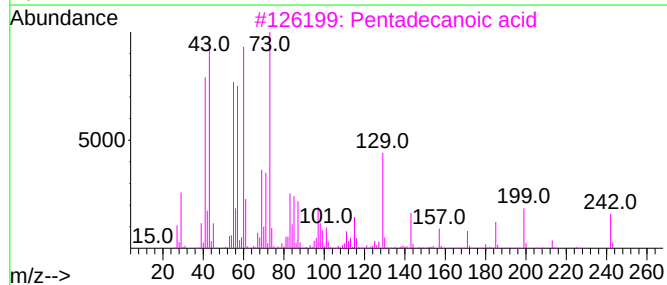
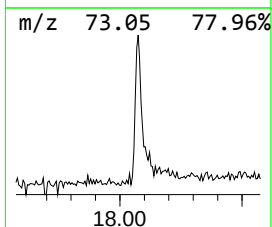
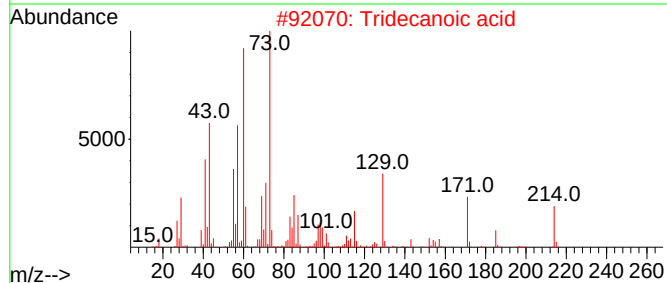
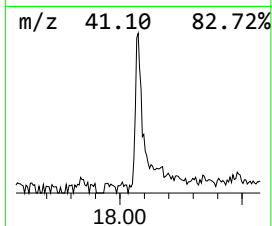
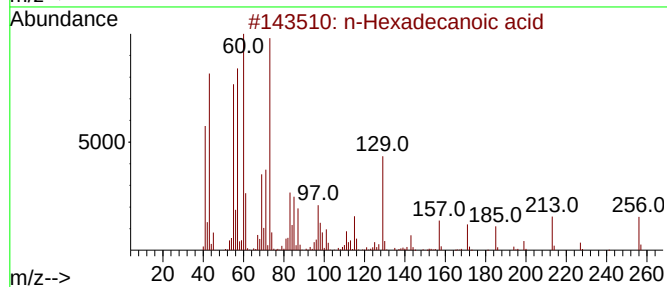
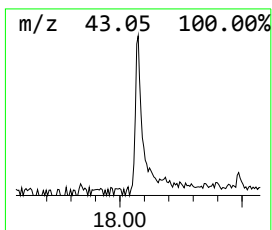
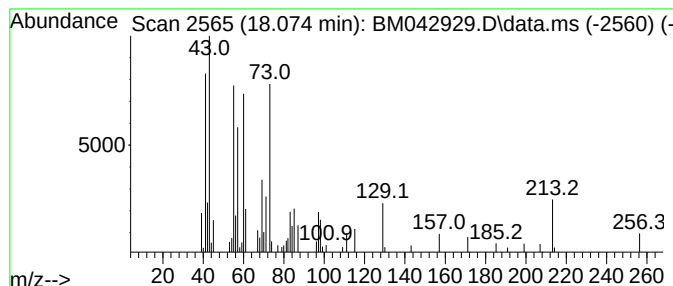
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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.
18.074	3.63 ng/ul	86053	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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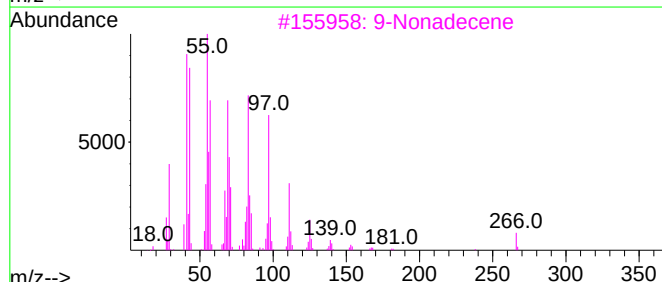
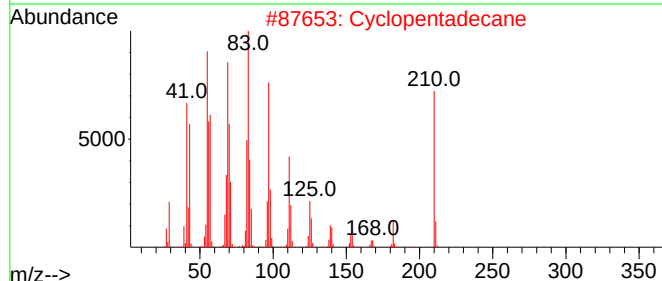
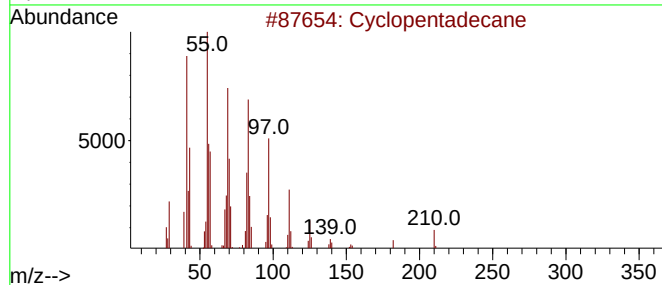
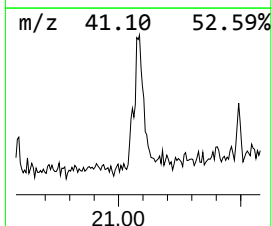
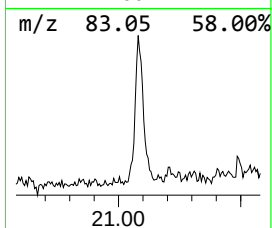
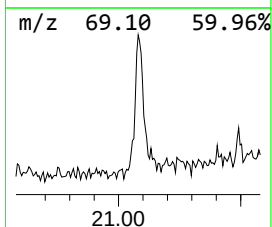
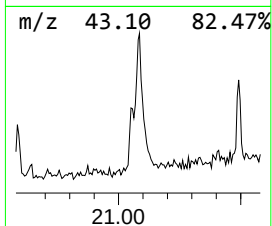
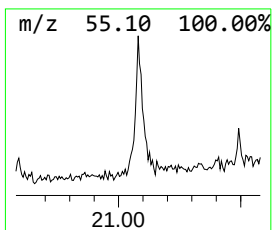
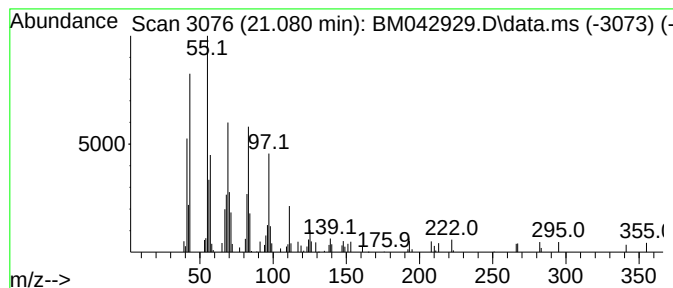
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.080 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	3.50 ng/ul	103123	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	96
2			Cyclopentadecane	210	C15H30	000295-48-7	89
3			9-Nonadecene	266	C19H38	031035-07-1	89
4			1-Hexadecanol	242	C16H34O	036653-82-4	76
5			n-Heptadecanol-1	256	C17H36O	001454-85-9	76



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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.074	3.6	ng/u1	86053	4	17.221	473482	20.0
(DEL) Alkane: C...	21.080	3.5	ng/u1	103123	5	21.404	589549	20.0