

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012328.D
 Acq On : 18 Oct 2020 13:34
 Operator : CG/JU
 Sample : L4424-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F4W05

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-BN101720.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	3.140	23	26	32	rBV	71223	88597	1.17%	0.126%
2	3.405	69	71	75	rVB4	12212	15140	0.20%	0.022%
3	3.464	78	81	84	rVB	15848	18310	0.24%	0.026%
4	3.770	129	133	140	rVB	62596	93059	1.23%	0.132%
5	3.852	143	147	151	rVB3	18178	25789	0.34%	0.037%
6	4.070	181	184	191	rVB7	6476	11362	0.15%	0.016%
7	5.864	485	489	495	rVB6	9953	17634	0.23%	0.025%
8	6.046	512	520	529	rBV2	55167	109009	1.44%	0.155%
9	6.452	583	589	592	rBV6	12119	24706	0.33%	0.035%
10	6.499	592	597	604	rVB6	12954	29021	0.38%	0.041%
11	6.622	615	618	624	rVB4	8483	14836	0.20%	0.021%
12	6.775	638	644	656	rVB2	112342	219859	2.91%	0.312%
13	6.940	664	672	678	rBV	887392	1415836	18.72%	2.012%
14	7.134	698	705	714	rBV	700103	1091129	14.43%	1.551%
15	7.599	775	784	792	rBV	990592	1572829	20.80%	2.235%
16	7.664	792	795	809	rVV8	9168	29847	0.39%	0.042%
17	7.999	847	852	858	rBV3	22107	38093	0.50%	0.054%
18	8.140	871	876	879	rBV3	6918	11540	0.15%	0.016%
19	8.299	894	903	914	rBV	326563	546426	7.22%	0.777%
20	8.393	914	919	921	rVV4	14381	26126	0.35%	0.037%
21	8.411	921	922	929	rVB6	17469	23096	0.31%	0.033%
22	8.746	971	979	987	rVV	1192626	1920916	25.40%	2.730%
23	9.016	1021	1025	1031	rBV	20494	31501	0.42%	0.045%
24	9.258	1062	1066	1069	rBV4	13724	21112	0.28%	0.030%
25	9.458	1092	1100	1108	rBV	1044662	1710660	22.62%	2.431%
26	9.699	1136	1141	1149	rBV8	10856	26748	0.35%	0.038%
27	9.993	1184	1191	1203	rBV	1000454	1630803	21.56%	2.317%
28	10.369	1247	1255	1262	rBV	1348958	2222882	29.39%	3.159%
29	10.510	1273	1279	1296	rVB	339029	628651	8.31%	0.893%
30	11.534	1448	1453	1459	rBV3	25638	47957	0.63%	0.068%
31	11.587	1459	1462	1470	rVB5	15781	27516	0.36%	0.039%
32	11.728	1482	1486	1494	rVB7	10223	16132	0.21%	0.023%
33	11.881	1506	1512	1515	rBV6	7732	13002	0.17%	0.018%
34	11.963	1519	1526	1530	rBV3	24100	42346	0.56%	0.060%

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35	12.163	1556	1560	1566	rBV7	6705	17449	0.23%	0.025%
36	12.257	1573	1576	1583	rVB7	6968	12806	0.17%	0.018%
37	12.822	1666	1672	1673	rBV6	10980	14704	0.19%	0.021%
38	13.140	1722	1726	1731	rVB5	8735	15683	0.21%	0.022%
39	13.299	1748	1753	1757	rBV4	11328	18574	0.25%	0.026%
40	13.387	1762	1768	1777	rVB6	20785	55693	0.74%	0.079%
41	13.481	1780	1784	1789	rVB4	12021	17672	0.23%	0.025%
42	13.557	1792	1797	1805	rBV6	10361	19072	0.25%	0.027%
43	13.657	1807	1814	1818	rBV	2960183	4004208	52.94%	5.690%
44	13.698	1818	1821	1830	rVB	230246	335407	4.43%	0.477%
45	13.840	1841	1845	1850	rVB5	12709	20472	0.27%	0.029%
46	13.928	1850	1860	1872	rBV	3069072	4431092	58.59%	6.297%
47	14.157	1894	1899	1903	rVB6	8803	12568	0.17%	0.018%
48	14.240	1906	1913	1927	rBV	2076544	3045673	40.27%	4.328%
49	14.451	1943	1949	1957	rBV	250592	444104	5.87%	0.631%
50	14.581	1967	1971	1977	rVB2	29131	40239	0.53%	0.057%
51	14.675	1983	1987	1991	rVB4	19922	24962	0.33%	0.035%
52	14.757	1995	2001	2005	rVB6	15216	26965	0.36%	0.038%
53	15.104	2056	2060	2064	rVV7	7937	11698	0.15%	0.017%
54	15.240	2076	2083	2089	rBV	4012492	5694937	75.30%	8.093%
55	15.363	2097	2104	2114	rBV	1719392	2293076	30.32%	3.259%
56	15.475	2119	2123	2129	rVV2	55613	80259	1.06%	0.114%
57	15.628	2143	2149	2154	rVB4	31113	43260	0.57%	0.061%
58	15.798	2173	2178	2182	rVB5	26866	45464	0.60%	0.065%
59	15.916	2194	2198	2199	rBV4	10418	12483	0.17%	0.018%
60	16.022	2213	2216	2221	rVB5	20416	26828	0.35%	0.038%
61	16.181	2239	2243	2248	rVB6	22200	28301	0.37%	0.040%
62	16.322	2262	2267	2273	rVV6	32831	62835	0.83%	0.089%
63	16.398	2277	2280	2286	rVB7	9036	15271	0.20%	0.022%
64	16.534	2297	2303	2310	rVB7	25031	52337	0.69%	0.074%
65	16.604	2310	2315	2323	rBV2	65480	114765	1.52%	0.163%
66	16.769	2337	2343	2348	rBV5	23469	43603	0.58%	0.062%
67	16.863	2356	2359	2364	rVB5	20349	29065	0.38%	0.041%
68	16.987	2374	2380	2386	rBV	2584655	3495330	46.22%	4.967%
69	17.039	2386	2389	2390	rVV3	28858	26495	0.35%	0.038%
70	17.087	2391	2397	2405	rVV	4514603	6086419	80.48%	8.649%
71	17.157	2405	2409	2421	rVB9	23361	57807	0.76%	0.082%

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72	17.363	2435	2444	2450	rBV4	72457	194346	2.57%	0.276%
73	17.569	2475	2479	2485	rBV8	21353	29061	0.38%	0.041%
74	17.669	2491	2496	2500	rBV7	20781	32341	0.43%	0.046%
75	17.722	2501	2505	2510	rVV4	44991	63236	0.84%	0.090%
76	17.892	2529	2534	2541	rBV	288540	407644	5.39%	0.579%
77	18.092	2563	2568	2575	rBV	63725	99490	1.32%	0.141%
78	18.245	2591	2594	2597	rVV4	50877	69359	0.92%	0.099%
79	18.281	2597	2600	2604	rVB4	64753	76582	1.01%	0.109%
80	18.416	2618	2623	2625	rVV5	53721	79897	1.06%	0.114%
81	18.445	2625	2628	2633	rVB2	58067	78483	1.04%	0.112%
82	18.598	2650	2654	2662	rVB2	73034	111920	1.48%	0.159%
83	18.716	2670	2674	2680	rVB7	30328	51414	0.68%	0.073%
84	18.775	2680	2684	2686	rBV5	11343	17748	0.23%	0.025%
85	18.798	2686	2688	2692	rVV4	13949	15809	0.21%	0.022%
86	18.957	2709	2715	2719	rBV	133952	208908	2.76%	0.297%
87	19.022	2722	2726	2730	rVV	57928	82455	1.09%	0.117%
88	19.057	2730	2732	2736	rVB5	34341	37272	0.49%	0.053%
89	19.186	2750	2754	2758	rBV3	74007	95728	1.27%	0.136%
90	19.228	2758	2761	2765	rVV2	68352	85119	1.13%	0.121%
91	19.275	2765	2769	2774	rVB	54913	82727	1.09%	0.118%
92	19.339	2776	2780	2782	rBV5	19252	22731	0.30%	0.032%
93	19.392	2782	2789	2796	rBV	5379760	7383934	97.63%	10.493%
94	19.457	2796	2800	2808	rVB3	124508	186116	2.46%	0.264%
95	19.816	2857	2861	2870	rBV2	154034	274180	3.63%	0.390%
96	20.016	2891	2895	2900	rBV8	39920	66326	0.88%	0.094%
97	20.910	3043	3047	3054	rBV	617644	823624	10.89%	1.170%
98	21.186	3089	3094	3099	rBV	3193577	3838195	50.75%	5.454%
99	23.227	3434	3441	3454	rVB	4257799	7563050	100.00%	10.748%
100	23.363	3458	3464	3473	rVB2	2116981	3752518	49.62%	5.333%

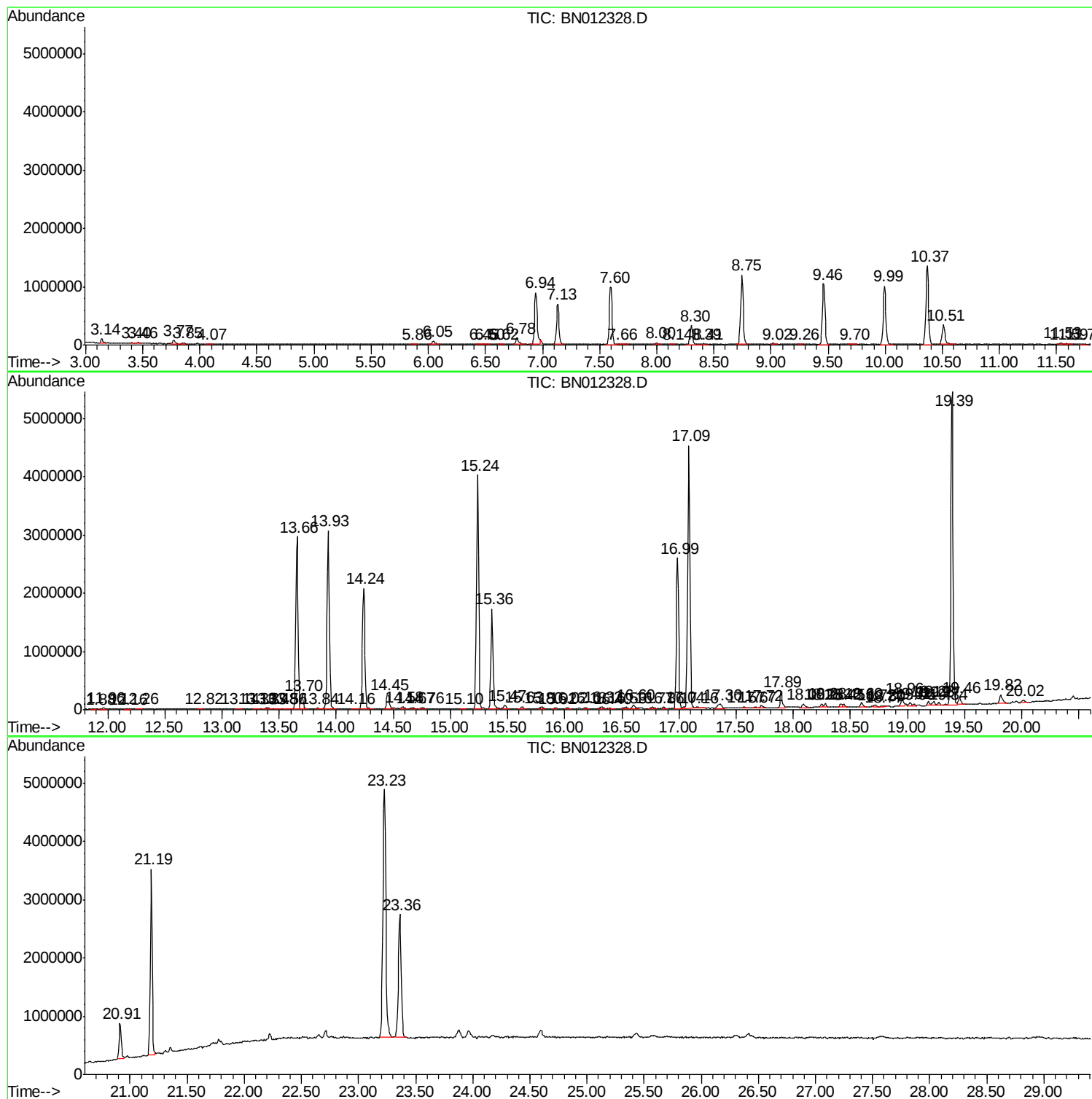
Sum of corrected areas: 70370259

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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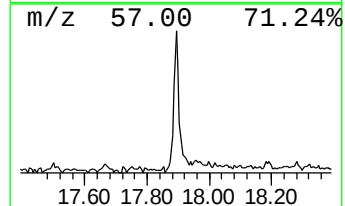
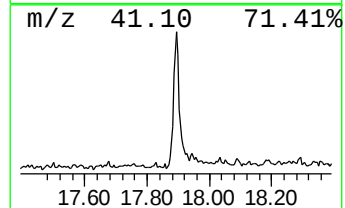
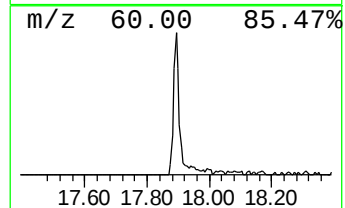
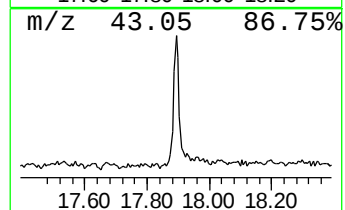
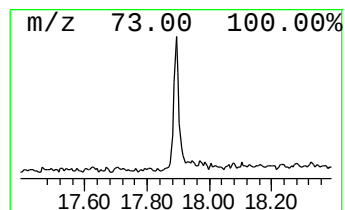
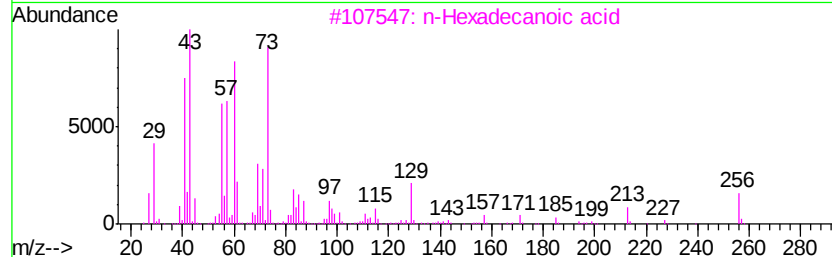
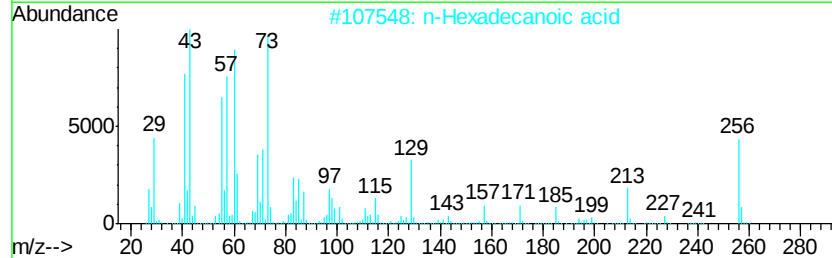
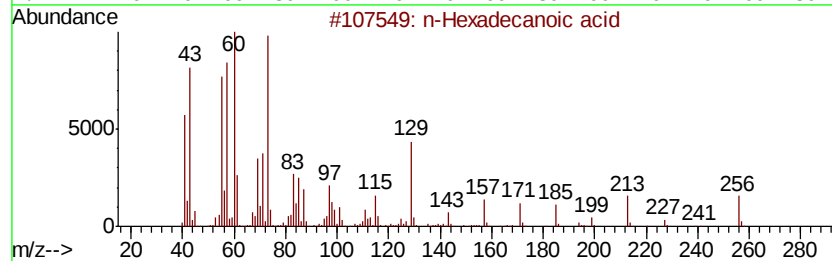
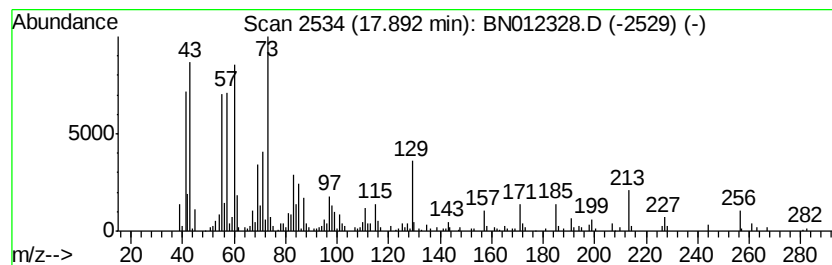
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	2.33 ng/ul	407644	Phenanthrene-d10		16.99	
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	96
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
5	Tridecanoic acid		214	C13H26O2	000638-53-9	86



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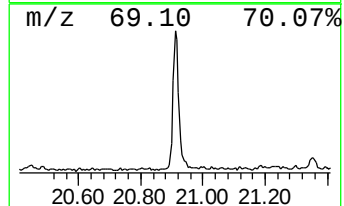
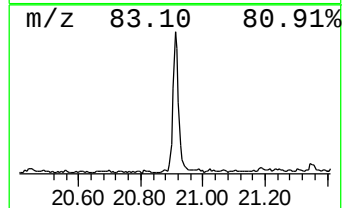
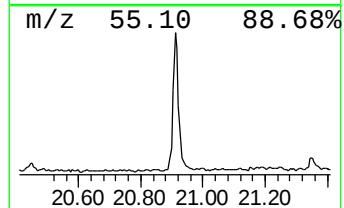
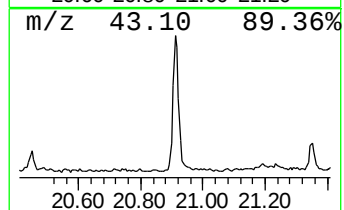
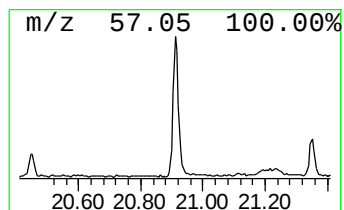
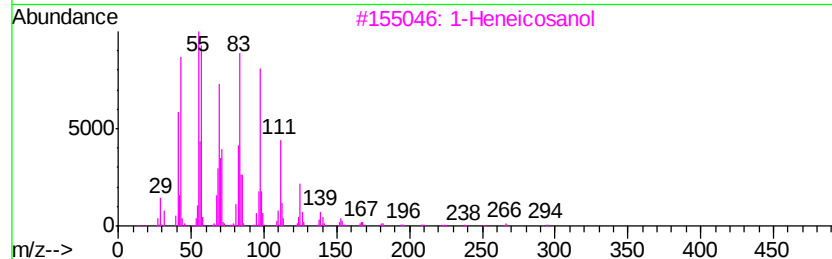
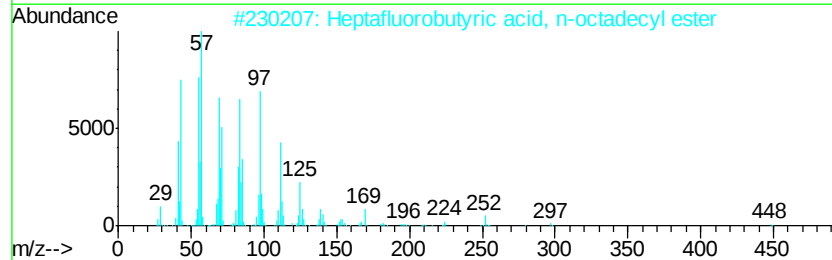
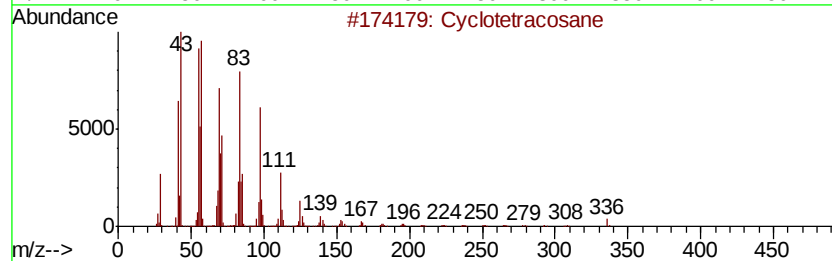
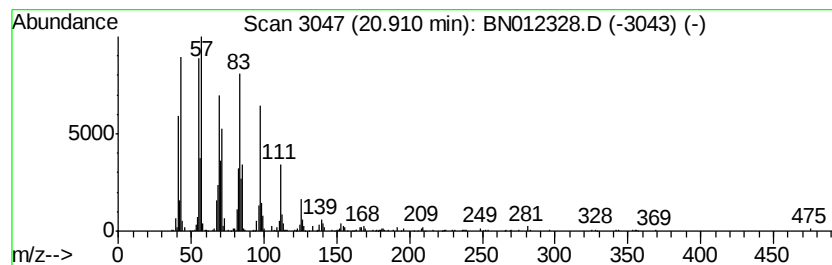
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.29 ng/ul	823624	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	2.3	ng/ul	407644	4	16.99	3495330	20.0
(DEL) Alkane: Cyc...	20.91	4.3	ng/ul	823624	5	21.19	3838200	20.0