

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024391.D
 Acq On : 17 Oct 2016 20:16
 Operator : UM/SJ
 Sample : H5240-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPF1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	3.208	62	63	70	rVB7	12901	14401	0.35%	0.030%
2	3.437	97	102	106	rBV8	8630	19698	0.48%	0.040%
3	3.643	132	137	147	rVB8	23606	64276	1.57%	0.132%
4	4.143	219	222	227	rVB5	7445	11316	0.28%	0.023%
5	4.425	264	270	273	rBV6	9242	19652	0.48%	0.040%
6	4.765	324	328	330	rBV5	9776	11681	0.29%	0.024%
7	5.059	372	378	381	rVV6	10026	15315	0.37%	0.031%
8	5.359	423	429	432	rBV7	12278	24205	0.59%	0.050%
9	5.470	446	448	456	rVB7	12168	19277	0.47%	0.040%
10	5.799	502	504	509	rVB5	6841	11885	0.29%	0.024%
11	5.835	509	510	515	rBV4	8809	12949	0.32%	0.027%
12	6.023	540	542	549	rBV4	8099	19791	0.48%	0.041%
13	7.415	770	779	790	rVV	452086	888975	21.75%	1.822%
14	7.597	803	810	822	rVB	320854	559387	13.69%	1.147%
15	7.697	825	827	835	rVB8	10540	18280	0.45%	0.037%
16	7.809	836	846	853	rVB	430643	760758	18.61%	1.559%
17	8.232	912	918	920	rBV6	10584	17484	0.43%	0.036%
18	8.285	920	927	943	rVB	628367	1120095	27.41%	2.296%
19	8.643	986	988	991	rBV4	9114	11132	0.27%	0.023%
20	8.755	1002	1007	1011	rBV7	11317	14494	0.35%	0.030%
21	8.966	1035	1043	1061	rVV2	523031	993790	24.32%	2.037%
22	9.148	1069	1074	1077	rVB6	9285	11739	0.29%	0.024%
23	9.460	1117	1127	1142	rBV	463946	938210	22.96%	1.923%
24	9.806	1183	1186	1194	rVB8	16049	26927	0.66%	0.055%
25	9.989	1215	1217	1222	rVB3	11584	11899	0.29%	0.024%
26	10.182	1241	1250	1264	rBV2	411434	795329	19.46%	1.630%
27	10.329	1273	1275	1279	rVB5	8516	12937	0.32%	0.027%
28	10.359	1279	1280	1286	rBV5	12448	21077	0.52%	0.043%
29	10.453	1290	1296	1298	rBV6	9491	13452	0.33%	0.028%
30	10.541	1308	1311	1316	rBV6	8468	13399	0.33%	0.027%
31	10.717	1332	1341	1354	rBV	642097	1167006	28.55%	2.392%
32	11.117	1399	1409	1418	rBV	941161	1783591	43.64%	3.656%
33	11.240	1423	1430	1447	rVB2	562925	1088278	26.63%	2.231%
34	11.551	1479	1483	1485	rBV6	8835	11689	0.29%	0.024%

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35	11.828	1526	1530	1532	rBV5	9484	12239	0.30%	0.025%
36	12.621	1661	1665	1668	rBV5	7770	12368	0.30%	0.025%
37	12.668	1669	1673	1679	rVB6	19362	35161	0.86%	0.072%
38	12.803	1695	1696	1702	rBV5	8009	13714	0.34%	0.028%
39	12.891	1708	1711	1714	rBV3	8053	11719	0.29%	0.024%
40	13.144	1751	1754	1758	rVV4	8445	12242	0.30%	0.025%
41	13.420	1794	1801	1803	rVB6	7277	12821	0.31%	0.026%
42	13.455	1803	1807	1809	rBV3	7613	11539	0.28%	0.024%
43	13.684	1844	1846	1851	rVB4	7647	11722	0.29%	0.024%
44	13.761	1851	1859	1866	rVB9	22933	54141	1.32%	0.111%
45	13.825	1866	1870	1872	rBV4	8619	13650	0.33%	0.028%
46	14.289	1938	1949	1953	rVV	1342249	1995329	48.82%	4.090%
47	14.336	1953	1957	1967	rVB	649322	934496	22.87%	1.915%
48	14.513	1983	1987	1992	rBV7	11786	22103	0.54%	0.045%
49	14.595	1992	2001	2009	rVV	1338448	2164827	52.97%	4.437%
50	14.754	2022	2028	2033	rBV4	31923	54757	1.34%	0.112%
51	14.900	2044	2053	2060	rVB	1724089	2823437	69.08%	5.787%
52	15.059	2072	2080	2094	rBV	626136	1022128	25.01%	2.095%
53	15.259	2109	2114	2119	rBV10	16110	22079	0.54%	0.045%
54	15.359	2129	2131	2139	rVB8	17354	30108	0.74%	0.062%
55	15.441	2139	2145	2153	rBV8	12728	34057	0.83%	0.070%
56	15.653	2177	2181	2184	rBV5	9048	13220	0.32%	0.027%
57	15.700	2185	2189	2194	rVB2	73588	99329	2.43%	0.204%
58	15.805	2203	2207	2213	rBV4	41987	57400	1.40%	0.118%
59	15.882	2213	2220	2229	rVV	1824435	2942033	71.99%	6.030%
60	15.987	2231	2238	2246	rBV	596537	901621	22.06%	1.848%
61	16.111	2250	2259	2269	rVB9	41655	120459	2.95%	0.247%
62	16.211	2271	2276	2279	rBV7	12639	17625	0.43%	0.036%
63	16.252	2280	2283	2292	rVV6	13649	28292	0.69%	0.058%
64	16.322	2292	2295	2299	rVB5	18430	19639	0.48%	0.040%
65	16.516	2323	2328	2331	rBV7	10629	21768	0.53%	0.045%
66	16.557	2331	2335	2346	rVB2	90949	160254	3.92%	0.328%
67	16.839	2378	2383	2387	rBV8	15743	28599	0.70%	0.059%
68	16.898	2391	2393	2395	rBV3	16347	15989	0.39%	0.033%
69	17.051	2414	2419	2428	rVB7	42452	72637	1.78%	0.149%
70	17.351	2466	2470	2474	rVV3	56281	67890	1.66%	0.139%
71	17.409	2474	2480	2489	rVB3	25402	69722	1.71%	0.143%

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72	17.492	2491	2494	2496	rBV4	10735	13153	0.32%	0.027%
73	17.638	2511	2519	2529	rBV2	2226391	3531234	86.40%	7.238%
74	17.738	2529	2536	2547	rVB2	2056693	3235126	79.16%	6.631%
75	17.885	2557	2561	2566	rVB8	12519	17937	0.44%	0.037%
76	17.979	2571	2577	2588	rBV2	99312	210916	5.16%	0.432%
77	18.085	2592	2595	2598	rBV5	20241	28176	0.69%	0.058%
78	18.120	2598	2601	2606	rVV4	37279	45456	1.11%	0.093%
79	18.220	2613	2618	2623	rVB8	17042	34831	0.85%	0.071%
80	18.279	2623	2628	2629	rBV5	13360	22186	0.54%	0.045%
81	18.361	2640	2642	2646	rVB5	13217	18235	0.45%	0.037%
82	18.426	2650	2653	2656	rBV5	13413	20788	0.51%	0.043%
83	18.485	2658	2663	2671	rBV2	349779	504450	12.34%	1.034%
84	18.684	2695	2697	2704	rVB7	18193	37165	0.91%	0.076%
85	18.755	2704	2709	2711	rBV6	18981	37459	0.92%	0.077%
86	19.049	2755	2759	2762	rBV4	29807	33668	0.82%	0.069%
87	19.148	2771	2776	2779	rVB7	15913	19792	0.48%	0.041%
88	19.336	2806	2808	2814	rVB7	26670	38608	0.94%	0.079%
89	19.642	2850	2860	2864	rVB7	34844	88668	2.17%	0.182%
90	19.736	2871	2876	2886	rBV2	170034	264890	6.48%	0.543%
91	19.836	2889	2893	2897	rVB6	34436	36758	0.90%	0.075%
92	20.006	2915	2922	2938	rVB2	2479516	3730457	91.28%	7.646%
93	20.141	2941	2945	2947	rBV5	21936	27655	0.68%	0.057%
94	20.517	3006	3009	3014	rBV6	38258	56091	1.37%	0.115%
95	21.170	3117	3120	3125	rBV7	42199	58653	1.44%	0.120%
96	21.522	3175	3180	3193	rBV5	271524	475380	11.63%	0.974%
97	21.863	3236	3238	3243	rVB5	45355	57377	1.40%	0.118%
98	21.933	3243	3250	3264	rVB	2228427	4086963	100.00%	8.377%
99	25.141	3785	3796	3811	rVB2	1154003	3508830	85.85%	7.192%
100	25.382	3824	3837	3852	rVB3	1286376	4082316	99.89%	8.367%

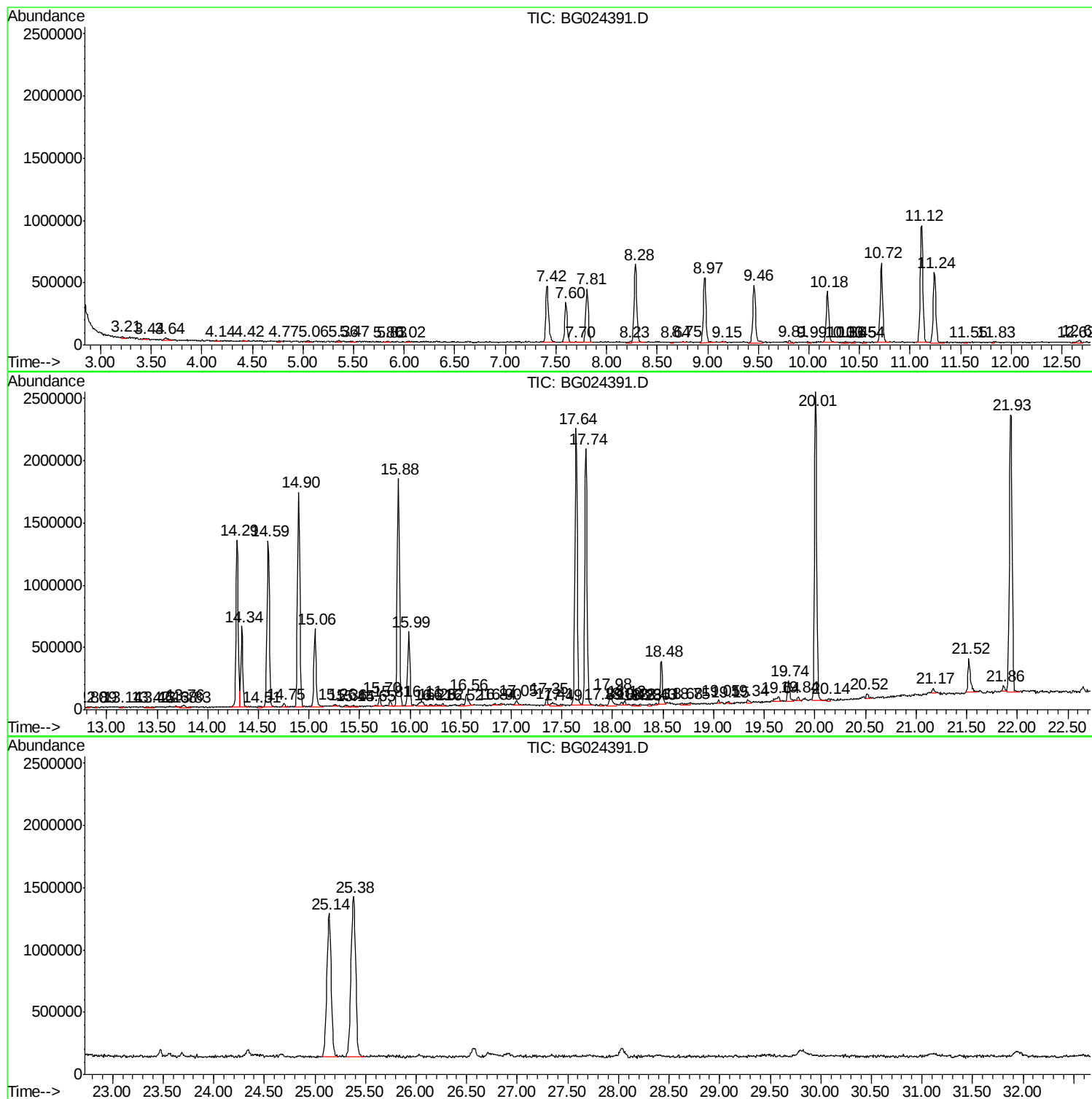
Sum of corrected areas: 48788706

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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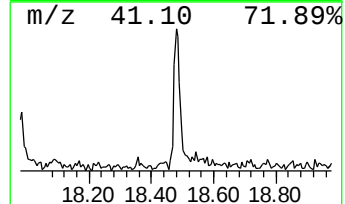
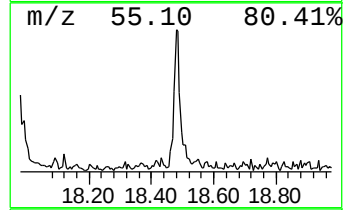
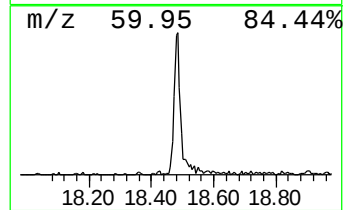
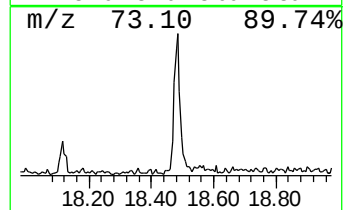
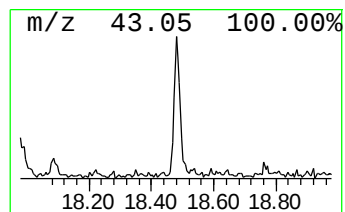
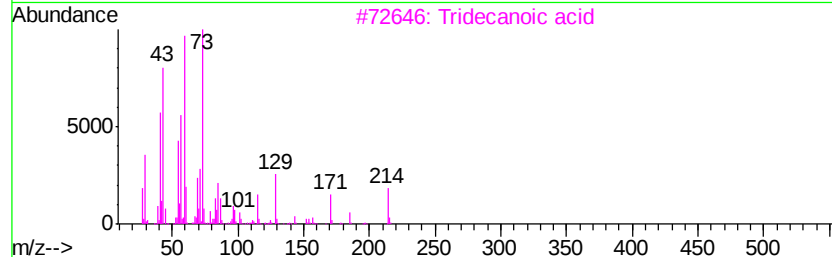
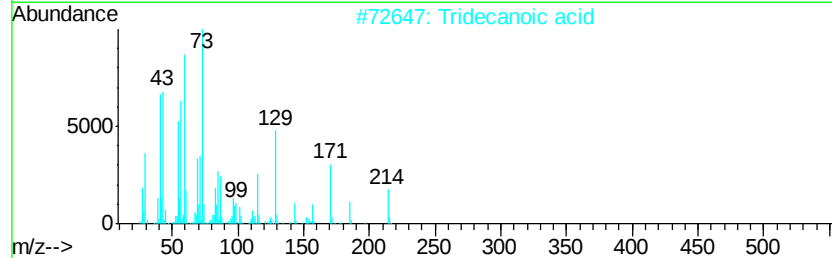
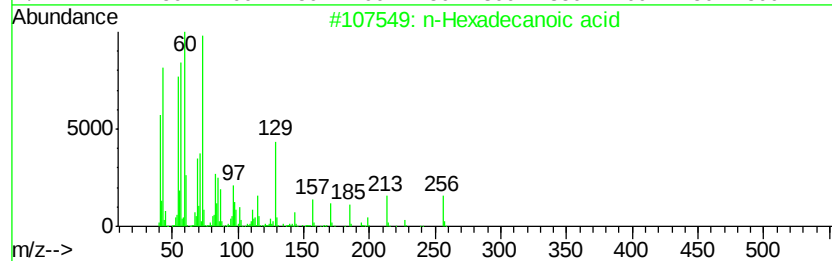
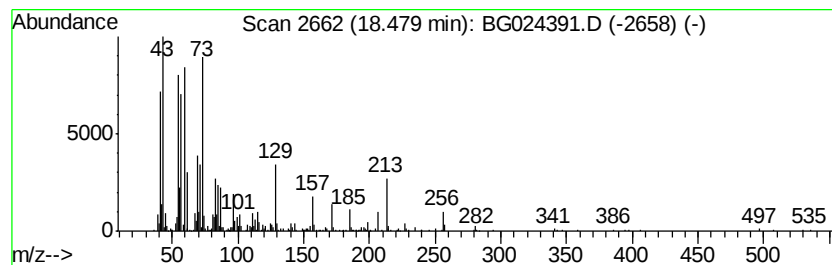
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.86 ng/ul	504450	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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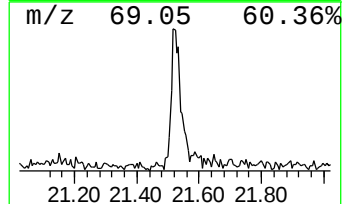
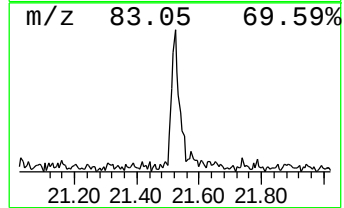
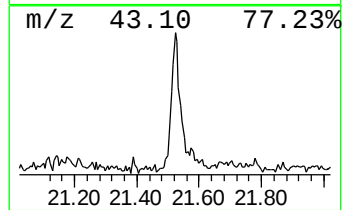
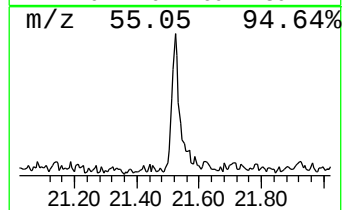
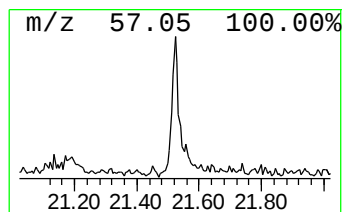
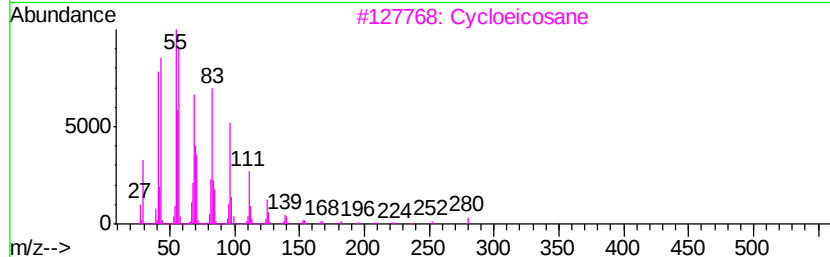
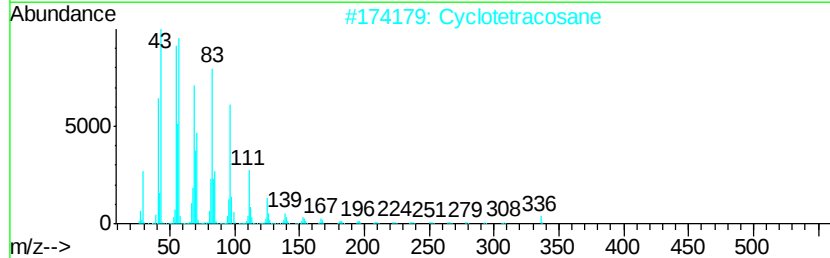
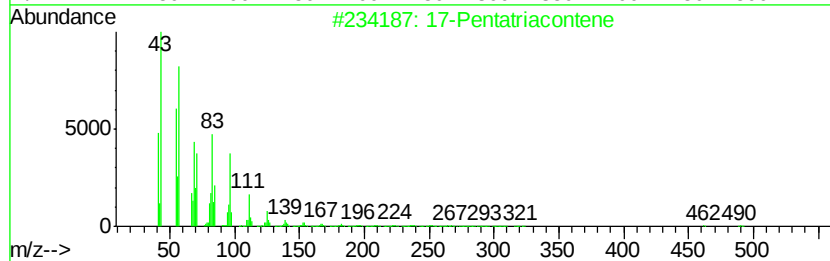
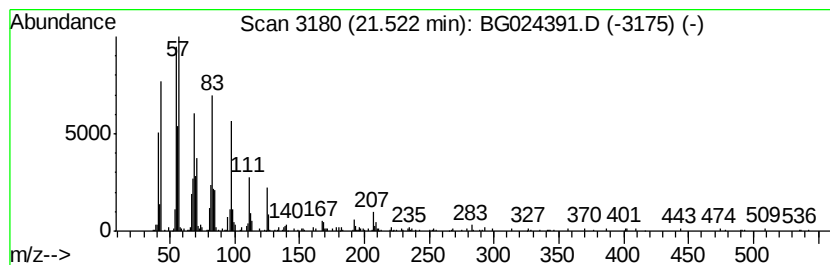
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.52	2.33 ng/ul	475380	Chrysene-d12	21.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	Cyclotetracosane	336	C24H48	000297-03-0	90
3	Cycloeicosane	280	C20H40	000296-56-0	87
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	2.9	ng/ul	504450	4	17.64	3531230	20.0
(DEL) Alkane: Cyc...	21.52	2.3	ng/ul	475380	5	21.94	4086960	20.0