

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024309.D
 Acq On : 12 Oct 2016 20:07
 Operator : UM/SJ
 Sample : H5145-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN95

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	3.648	135	138	147	rVB8	23881	46633	1.40%	0.110%
2	4.911	351	353	358	rBV4	10460	13136	0.39%	0.031%
3	5.352	422	428	438	rVB7	22900	54633	1.63%	0.129%
4	5.440	439	443	447	rVB5	7692	14412	0.43%	0.034%
5	5.593	466	469	472	rVB5	11306	10360	0.31%	0.024%
6	5.651	476	479	482	rBV5	8305	10550	0.32%	0.025%
7	5.769	494	499	506	rVB9	6549	15793	0.47%	0.037%
8	6.157	563	565	570	rVB4	9470	12886	0.39%	0.030%
9	6.286	582	587	589	rBV6	13080	17967	0.54%	0.042%
10	6.503	619	624	628	rVB8	10216	16032	0.48%	0.038%
11	6.603	640	641	647	rVV5	10309	15633	0.47%	0.037%
12	6.709	656	659	662	rBV5	10245	13065	0.39%	0.031%
13	6.873	683	687	691	rBV7	8306	11168	0.33%	0.026%
14	6.956	697	701	706	rBV7	9966	13488	0.40%	0.032%
15	7.414	767	779	790	rBV	413474	812999	24.33%	1.922%
16	7.602	804	811	819	rBV	290664	517516	15.48%	1.223%
17	7.814	839	847	855	rBV2	380516	672373	20.12%	1.590%
18	7.908	860	863	869	rVV6	9525	11849	0.35%	0.028%
19	8.289	919	928	941	rBV	544527	983102	29.42%	2.324%
20	8.577	974	977	980	rVB5	8215	11183	0.33%	0.026%
21	8.648	983	989	992	rVB6	10645	16778	0.50%	0.040%
22	8.977	1033	1045	1052	rBV	432550	802139	24.00%	1.896%
23	9.259	1092	1093	1097	rBV4	10130	15237	0.46%	0.036%
24	9.465	1119	1128	1141	rBV	413698	782275	23.41%	1.849%
25	10.187	1243	1251	1259	rBV2	378762	714105	21.37%	1.688%
26	10.616	1318	1324	1326	rBV6	9978	17753	0.53%	0.042%
27	10.722	1333	1342	1350	rBV	542582	988156	29.57%	2.336%
28	10.898	1367	1372	1375	rBV6	7879	10928	0.33%	0.026%
29	10.998	1384	1389	1394	rVB6	9611	23560	0.70%	0.056%
30	11.116	1399	1409	1417	rBV	798876	1492062	44.64%	3.527%
31	11.245	1422	1431	1442	rBV2	541314	1022196	30.59%	2.417%
32	11.403	1455	1458	1462	rVB5	9209	10885	0.33%	0.026%
33	11.862	1531	1536	1540	rVB7	7149	16281	0.49%	0.038%
34	12.073	1565	1572	1574	rVB6	6414	10562	0.32%	0.025%

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35	12.091	1574	1575	1581	rVB6	8551	13785	0.41%	0.033%
36	12.232	1595	1599	1602	rVB6	7202	10360	0.31%	0.024%
37	12.291	1602	1609	1610	rBV6	10083	21076	0.63%	0.050%
38	12.396	1620	1627	1629	rVB6	9688	12423	0.37%	0.029%
39	12.678	1670	1675	1683	rVB6	13384	33251	0.99%	0.079%
40	12.802	1691	1696	1698	rBV4	11713	13922	0.42%	0.033%
41	12.884	1706	1710	1712	rBV4	11431	14573	0.44%	0.034%
42	13.060	1737	1740	1743	rVB2	9109	10683	0.32%	0.025%
43	13.096	1743	1746	1750	rBV5	7811	12527	0.37%	0.030%
44	13.160	1754	1757	1760	rVB5	8382	10544	0.32%	0.025%
45	13.260	1772	1774	1782	rVB6	11672	14657	0.44%	0.035%
46	13.395	1794	1797	1802	rVB6	10218	12036	0.36%	0.028%
47	13.477	1807	1811	1813	rBV5	10898	17290	0.52%	0.041%
48	13.630	1833	1837	1841	rVB7	8370	10997	0.33%	0.026%
49	13.771	1855	1861	1867	rBV5	34263	57409	1.72%	0.136%
50	14.094	1914	1916	1921	rBV5	10154	18290	0.55%	0.043%
51	14.294	1941	1950	1955	rVV	1128825	1763630	52.77%	4.169%
52	14.341	1955	1958	1966	rVB	597866	821915	24.59%	1.943%
53	14.600	1991	2002	2011	rBV	1214956	1928216	57.69%	4.559%
54	14.688	2014	2017	2020	rVB4	8077	10441	0.31%	0.025%
55	14.764	2024	2030	2034	rBV5	34635	50739	1.52%	0.120%
56	14.835	2038	2042	2045	rVB5	8366	13709	0.41%	0.032%
57	14.905	2045	2054	2066	rBV	1434358	2368895	70.88%	5.600%
58	15.064	2071	2081	2092	rBV	558202	922797	27.61%	2.182%
59	15.205	2099	2105	2109	rBV9	18194	43672	1.31%	0.103%
60	15.258	2112	2114	2118	rBV5	13288	16943	0.51%	0.040%
61	15.305	2118	2122	2124	rBV5	10564	12259	0.37%	0.029%
62	15.375	2131	2134	2140	rVB6	16646	16918	0.51%	0.040%
63	15.657	2178	2182	2185	rBV5	12288	17810	0.53%	0.042%
64	15.704	2185	2190	2194	rVB2	84046	109589	3.28%	0.259%
65	15.892	2214	2222	2231	rVB	1657606	2649233	79.27%	6.263%
66	15.986	2231	2238	2247	rBV	501661	791098	23.67%	1.870%
67	16.116	2251	2260	2269	rBV	34822	103895	3.11%	0.246%
68	16.198	2272	2274	2279	rVB5	16243	14684	0.44%	0.035%
69	16.257	2281	2284	2289	rBV6	20750	30513	0.91%	0.072%
70	16.333	2293	2297	2305	rVB10	13563	28018	0.84%	0.066%
71	16.503	2322	2326	2329	rBV5	11493	14675	0.44%	0.035%

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72	16.562	2331	2336	2347	rVB	109293	196342	5.87%	0.464%
73	16.838	2378	2383	2389	rBV10	23520	49077	1.47%	0.116%
74	16.932	2392	2399	2402	rBV9	10548	18620	0.56%	0.044%
75	17.085	2419	2425	2427	rVB7	8966	15986	0.48%	0.038%
76	17.144	2433	2435	2439	rVB5	8571	11255	0.34%	0.027%
77	17.361	2467	2472	2477	rBV2	96138	155158	4.64%	0.367%
78	17.414	2477	2481	2490	rVB9	23212	58248	1.74%	0.138%
79	17.643	2510	2520	2529	rBV2	1829043	2928273	87.62%	6.923%
80	17.743	2529	2537	2549	rVB2	1748469	2836041	84.86%	6.705%
81	17.849	2550	2555	2556	rVB5	9333	13972	0.42%	0.033%
82	17.902	2561	2564	2567	rBV5	13865	16072	0.48%	0.038%
83	17.978	2571	2577	2588	rBV5	19038	79798	2.39%	0.189%
84	18.090	2593	2596	2602	rVB4	26140	36759	1.10%	0.087%
85	18.131	2602	2603	2608	rBV5	11140	12304	0.37%	0.029%
86	18.266	2623	2626	2628	rBV4	9943	12355	0.37%	0.029%
87	18.313	2632	2634	2636	rBV3	11781	12261	0.37%	0.029%
88	18.366	2641	2643	2648	rVB6	15814	22290	0.67%	0.053%
89	18.489	2658	2664	2674	rBV2	304894	468136	14.01%	1.107%
90	18.789	2710	2715	2718	rBV7	9971	18094	0.54%	0.043%
91	19.206	2784	2786	2790	rVB5	11645	11669	0.35%	0.028%
92	19.647	2851	2861	2870	rBV9	52884	145531	4.35%	0.344%
93	19.747	2872	2878	2890	rBV6	134364	243581	7.29%	0.576%
94	19.893	2900	2903	2904	rBV3	29118	30659	0.92%	0.072%
95	20.011	2916	2923	2931	rVB	2157416	3229664	96.64%	7.635%
96	21.527	3176	3181	3189	rBV2	321263	503413	15.06%	1.190%
97	21.938	3244	3251	3263	rVB	1867022	3342088	100.00%	7.901%
98	23.695	3547	3550	3556	rVB4	83347	144246	4.32%	0.341%
99	25.146	3787	3797	3814	rVB3	1026709	3136858	93.86%	7.416%
100	25.387	3827	3838	3854	rVB2	1059659	3338550	99.89%	7.893%

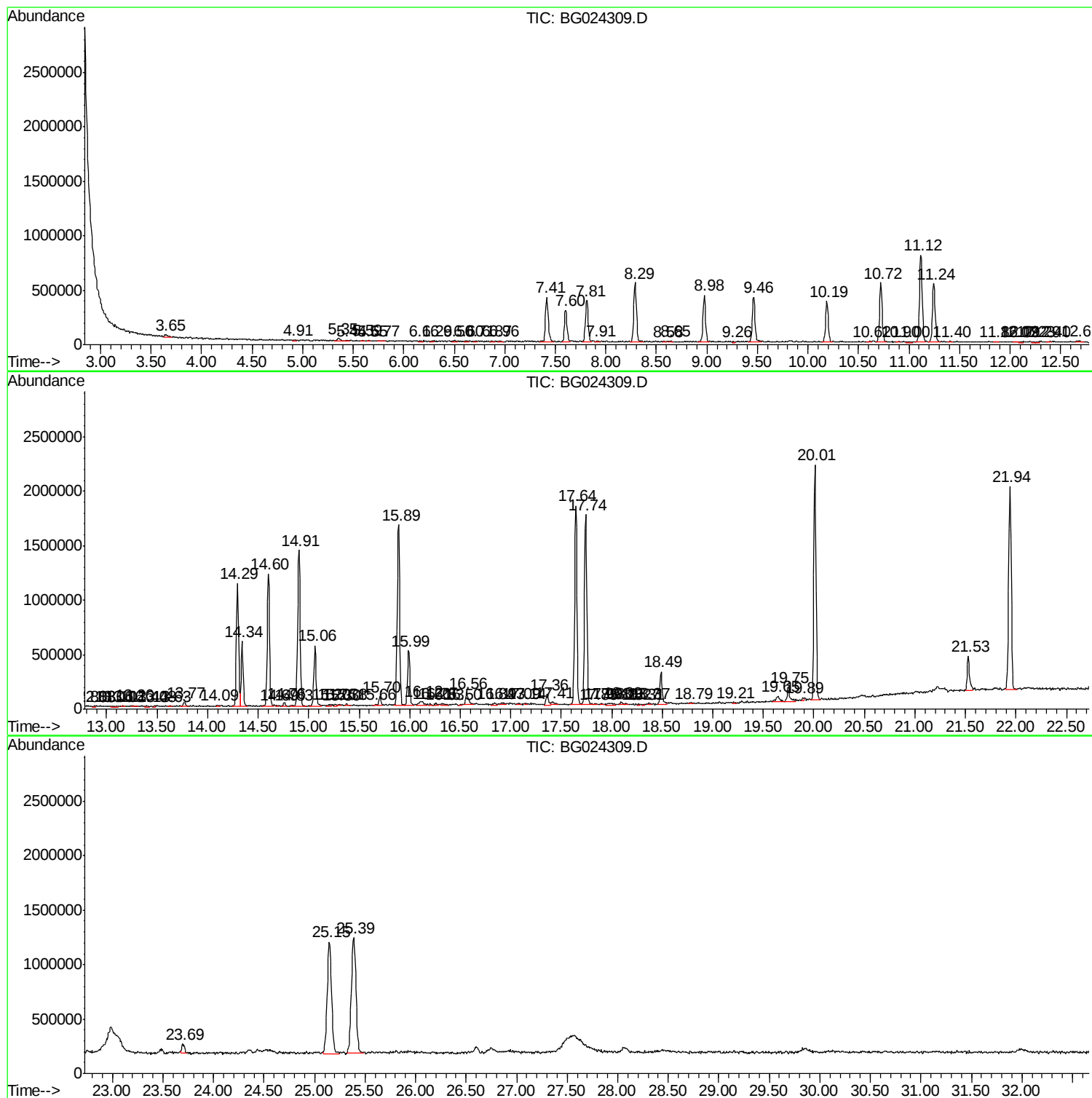
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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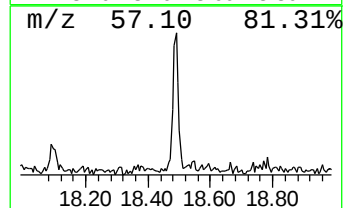
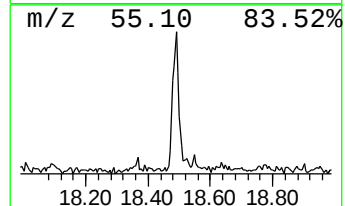
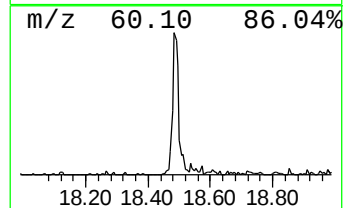
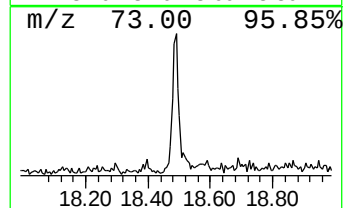
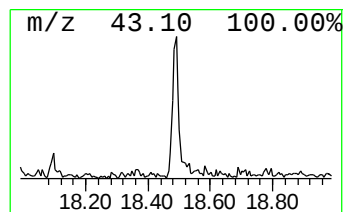
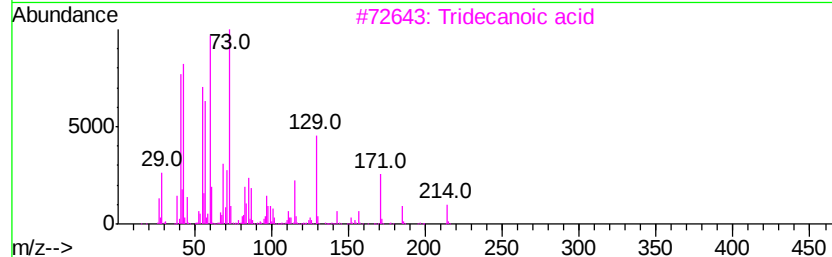
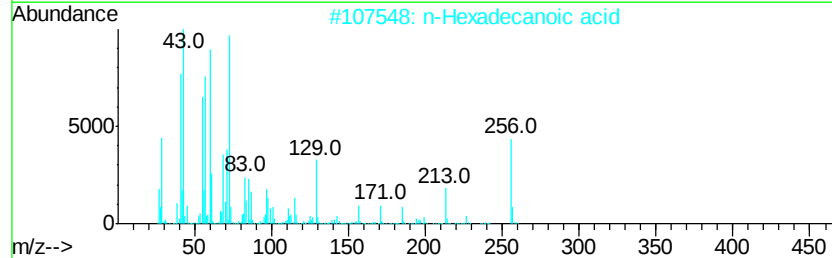
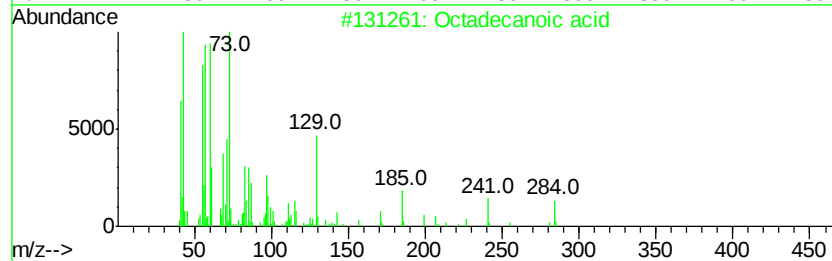
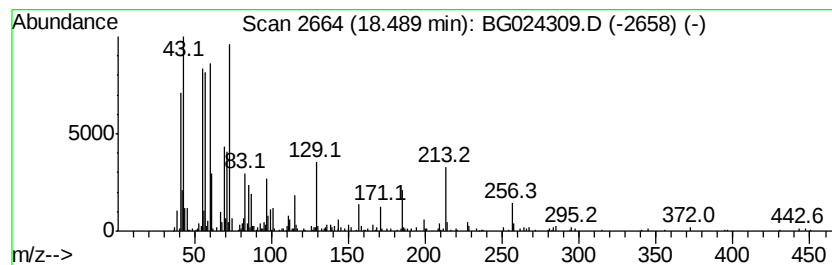
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.20 ng/ul	468136	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	86
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Dodecanoic acid	200	C12H24O2	000143-07-7	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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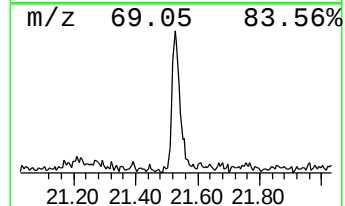
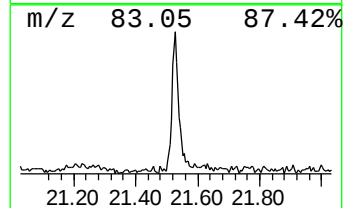
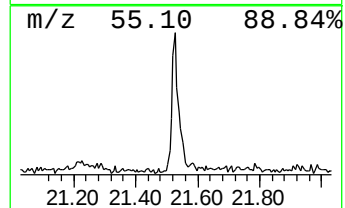
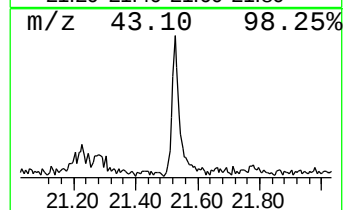
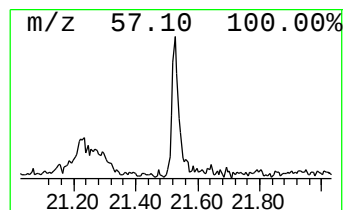
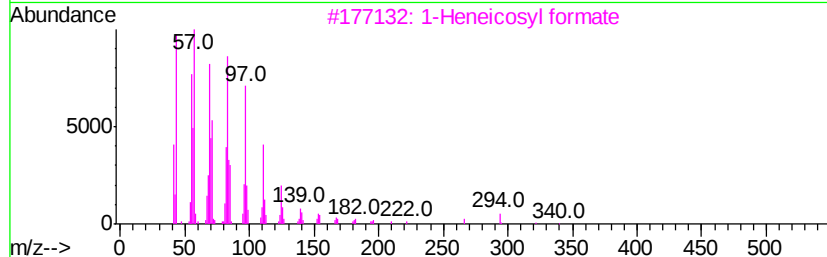
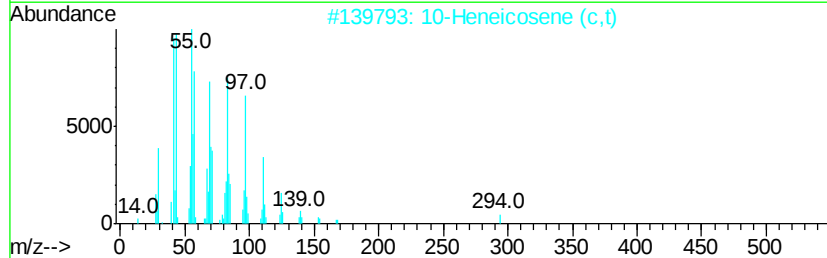
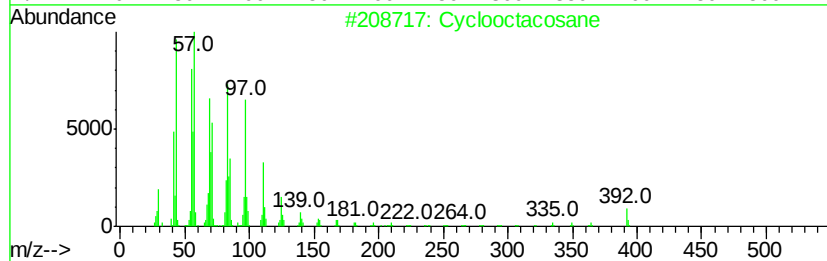
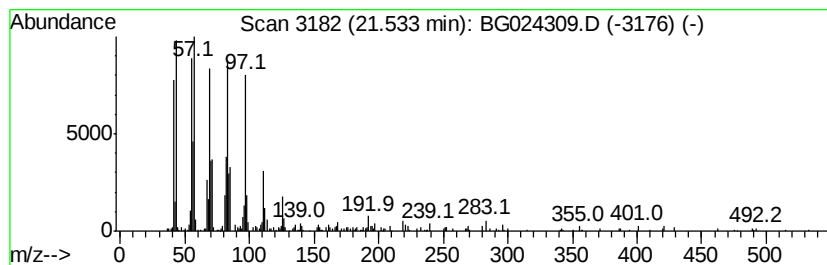
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.01 ng/ul	503413	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctacosane	392	C28H56	000297-24-5	94
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	91
5		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octadecanoic acid	18.49	3.2	ng/ul	468136	4	17.64	2928270	20.0
(DEL) Alkane: Cyc...	21.53	3.0	ng/ul	503413	5	21.94	3342090	20.0