

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022811.D
 Acq On : 3 Jul 2016 2:28
 Operator : UM/SJ
 Sample : H3818-15
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHS7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.820	165	167	171	rBV2	14464	12194	0.21%	0.019%
2	4.166	223	226	227	rBV3	8842	8793	0.15%	0.013%
3	5.042	373	375	380	rVB6	7081	9169	0.15%	0.014%
4	5.242	404	409	412	rBV5	6748	13532	0.23%	0.021%
5	6.070	545	550	553	rVB4	5757	9174	0.15%	0.014%
6	6.211	570	574	575	rBV2	10307	11100	0.19%	0.017%
7	6.775	668	670	672	rBV2	10966	8175	0.14%	0.012%
8	7.116	724	728	733	rBV6	10825	15762	0.27%	0.024%
9	7.310	751	761	775	rBV	750414	1436131	24.22%	2.193%
10	7.474	781	789	801	rVB	590789	1001806	16.89%	1.530%
11	7.686	818	825	834	rBV	712990	1300488	21.93%	1.986%
12	8.162	898	906	913	rBV	649678	1187056	20.02%	1.813%
13	8.438	951	953	958	rVB6	8908	11751	0.20%	0.018%
14	8.696	993	997	1000	rBV4	6815	11383	0.19%	0.017%
15	8.861	1018	1025	1034	rVB	997777	1728038	29.14%	2.639%
16	9.331	1097	1105	1114	rBV	767562	1402228	23.65%	2.142%
17	9.425	1114	1121	1126	rBV3	48430	92239	1.56%	0.141%
18	9.719	1166	1171	1176	rBV2	34537	55072	0.93%	0.084%
19	10.059	1219	1229	1240	rBV	698023	1269412	21.41%	1.939%
20	10.189	1248	1251	1260	rBV2	26868	61639	1.04%	0.094%
21	10.600	1314	1321	1328	rBV	1058146	1861318	31.39%	2.843%
22	10.776	1349	1351	1355	rVB4	6512	8955	0.15%	0.014%
23	10.988	1378	1387	1396	rBV	991666	1789129	30.17%	2.732%
24	11.117	1402	1409	1422	rBV	942383	1789537	30.18%	2.733%
25	11.428	1459	1462	1468	rVB5	6051	8818	0.15%	0.013%
26	11.493	1468	1473	1476	rBV5	6131	10986	0.19%	0.017%
27	11.740	1512	1515	1516	rBV2	7215	8337	0.14%	0.013%
28	12.163	1583	1587	1590	rBV4	12621	15274	0.26%	0.023%
29	12.492	1638	1643	1644	rBV4	11561	11474	0.19%	0.018%
30	12.556	1649	1654	1660	rVB5	24728	43076	0.73%	0.066%
31	13.150	1752	1755	1761	rBV7	12209	16926	0.29%	0.026%
32	13.397	1793	1797	1801	rBV5	13530	20688	0.35%	0.032%
33	13.455	1803	1807	1812	rVB6	15527	23029	0.39%	0.035%
34	13.602	1827	1832	1839	rVV8	21654	27849	0.47%	0.043%

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35	13.673	1839	1844	1850	rVB6	26846	44139	0.74%	0.067%
36	14.196	1926	1933	1937	rBV	2175126	3131927	52.82%	4.783%
37	14.243	1937	1941	1948	rVV	960637	1373305	23.16%	2.097%
38	14.313	1949	1953	1957	rVB5	12407	22844	0.39%	0.035%
39	14.372	1959	1963	1967	rVB4	11254	10873	0.18%	0.017%
40	14.495	1976	1984	1994	rBV	2088499	3340881	56.34%	5.102%
41	14.672	2009	2014	2018	rVB2	52394	73950	1.25%	0.113%
42	14.801	2029	2036	2046	rVV2	1801317	2906793	49.02%	4.439%
43	14.871	2046	2048	2053	rVB6	8047	10977	0.19%	0.017%
44	14.995	2062	2069	2078	rBV	909560	1553444	26.20%	2.373%
45	15.289	2115	2119	2122	rBV5	12622	18007	0.30%	0.028%
46	15.359	2129	2131	2133	rBV3	7484	8533	0.14%	0.013%
47	15.406	2135	2139	2142	rBV6	9124	14232	0.24%	0.022%
48	15.576	2164	2168	2172	rBV	23333	37979	0.64%	0.058%
49	15.623	2172	2176	2181	rVB	89838	111734	1.88%	0.171%
50	15.682	2181	2186	2191	rVB8	11836	20103	0.34%	0.031%
51	15.723	2191	2193	2196	rBV4	8981	12462	0.21%	0.019%
52	15.794	2198	2205	2215	rVB	2916291	4608921	77.72%	7.039%
53	15.906	2217	2224	2237	rVB	920054	1413686	23.84%	2.159%
54	16.035	2239	2246	2250	rBV5	53187	93090	1.57%	0.142%
55	16.123	2257	2261	2262	rBV4	12637	17326	0.29%	0.026%
56	16.176	2267	2270	2272	rBV4	18124	23251	0.39%	0.036%
57	16.434	2312	2314	2317	rBV3	13151	10313	0.17%	0.016%
58	16.481	2319	2322	2334	rVV2	91509	152593	2.57%	0.233%
59	16.746	2365	2367	2369	rBV3	12847	13425	0.23%	0.021%
60	16.998	2407	2410	2416	rVB6	26977	32684	0.55%	0.050%
61	17.057	2418	2420	2424	rVB5	20251	18569	0.31%	0.028%
62	17.280	2454	2458	2461	rBV	169309	204609	3.45%	0.312%
63	17.333	2464	2467	2472	rVB5	36079	53791	0.91%	0.082%
64	17.557	2498	2505	2514	rBV2	2385642	3762387	63.45%	5.746%
65	17.656	2515	2522	2529	rVB	3021726	4927105	83.09%	7.525%
66	17.827	2547	2551	2554	rBV4	30338	46068	0.78%	0.070%
67	18.021	2580	2584	2590	rVB	137386	189519	3.20%	0.289%
68	18.197	2611	2614	2619	rVB6	24995	37691	0.64%	0.058%
69	18.420	2647	2652	2660	rBV	354580	498388	8.40%	0.761%
70	18.714	2699	2702	2706	rVB3	21824	22459	0.38%	0.034%
71	19.219	2786	2788	2789	rBV2	15498	9169	0.15%	0.014%

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72	19.683	2863	2867	2874	rBV3	111830	175184	2.95%	0.268%
73	19.936	2903	2910	2917	rBV	4037458	5929787	100.00%	9.056%
74	21.458	3165	3169	3178	rBV2	246169	477428	8.05%	0.729%
75	21.851	3229	3236	3244	rBV2	2554200	4519080	76.21%	6.902%
76	24.995	3761	3771	3787	rVB2	1956323	5759426	97.13%	8.796%
77	25.230	3800	3811	3824	rVB	1517731	4507828	76.02%	6.885%

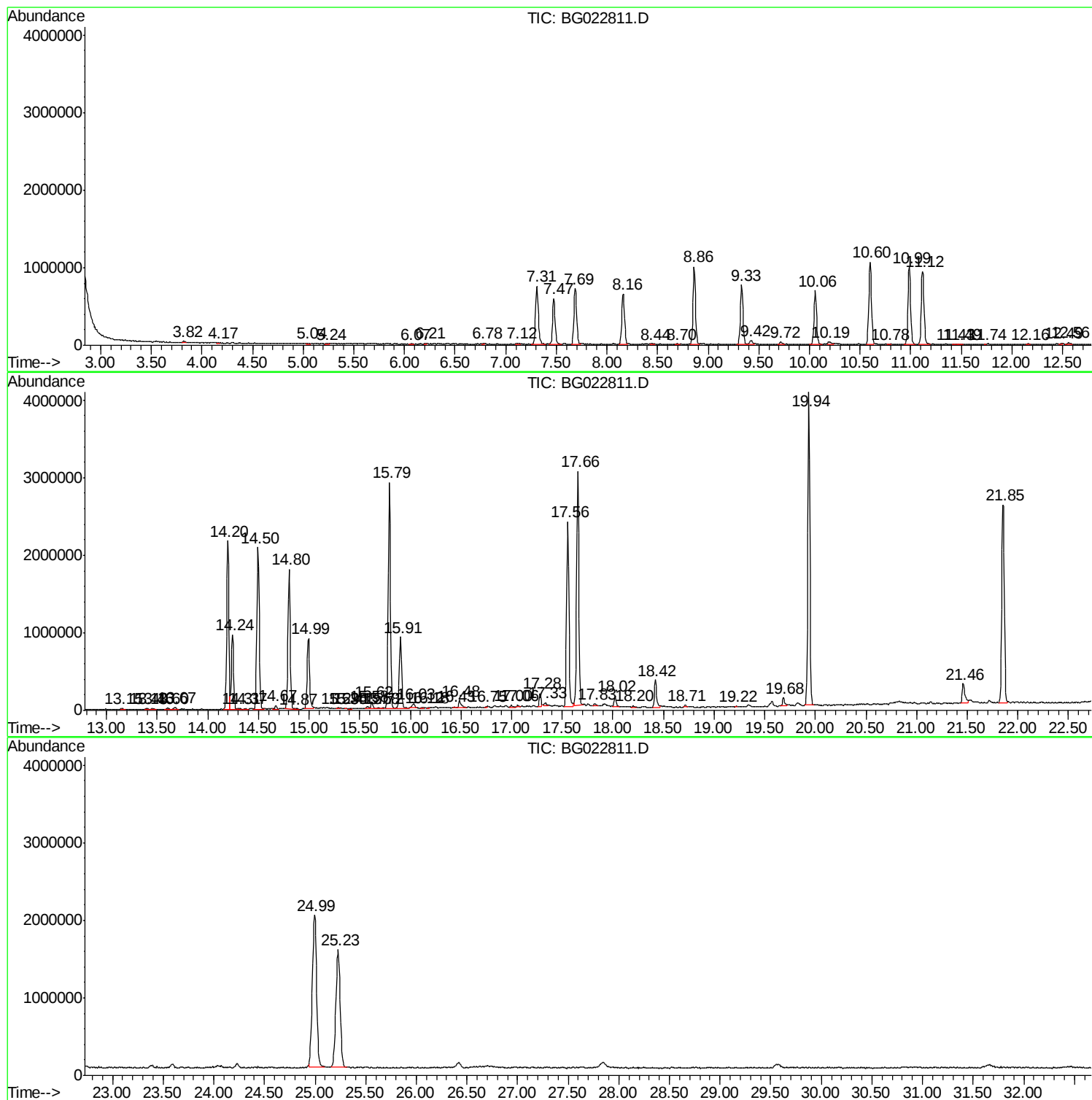
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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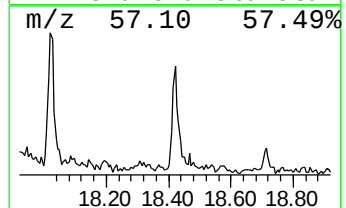
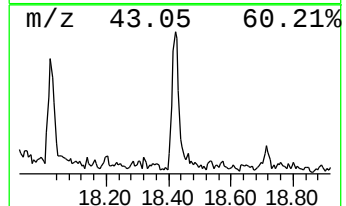
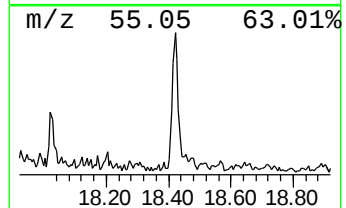
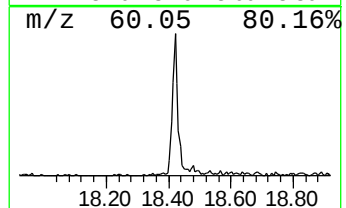
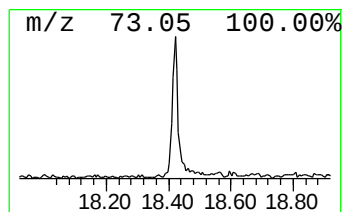
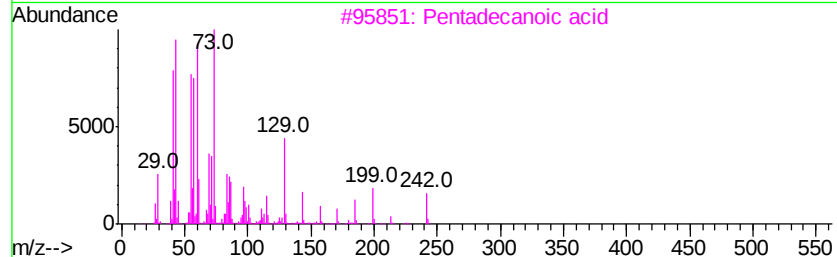
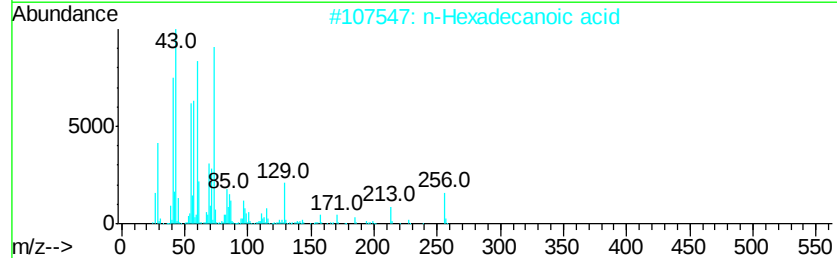
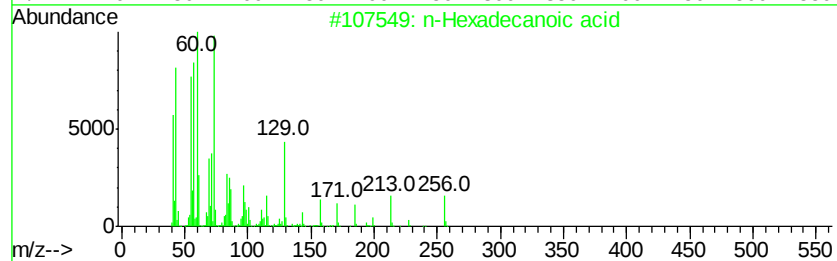
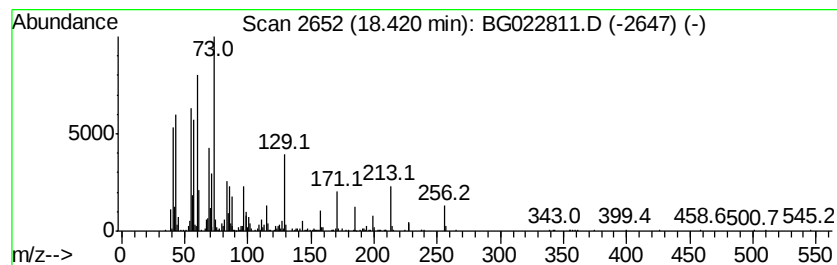
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.65 ng/ul	498388	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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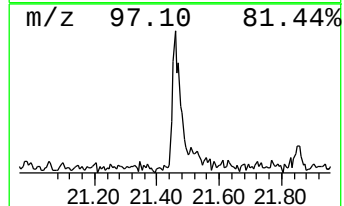
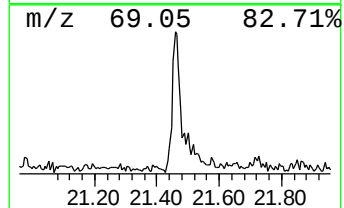
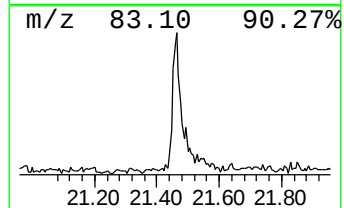
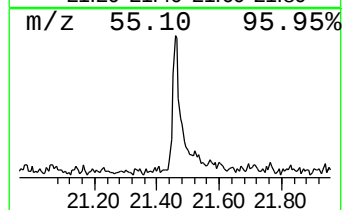
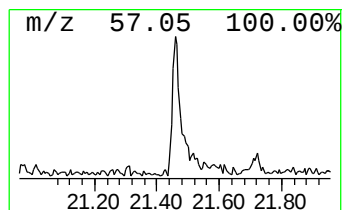
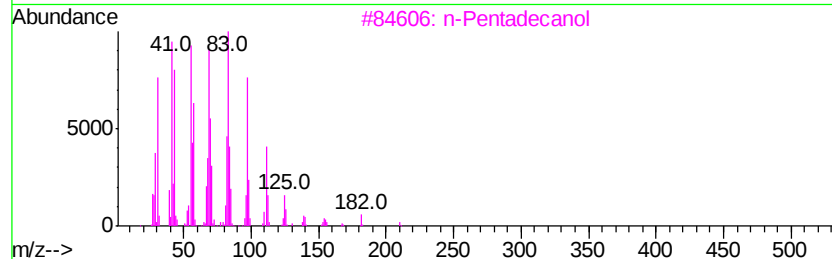
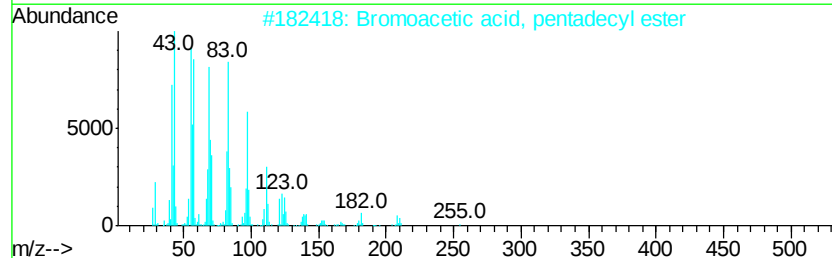
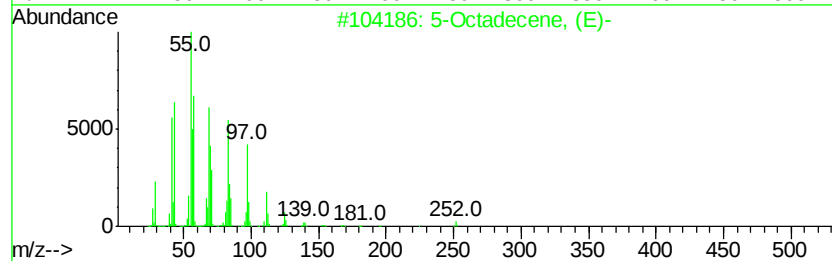
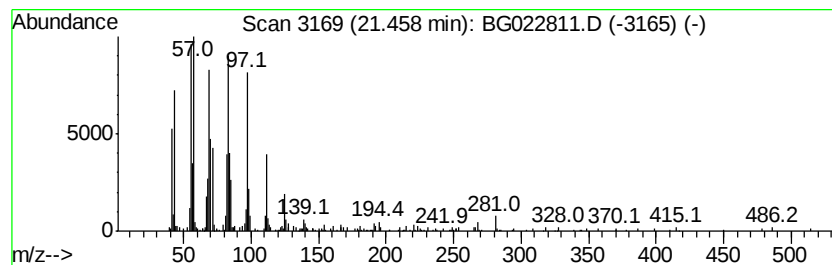
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Peak Number 2 (DEL) Alkane: Cyclic21.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.11 ng/ul	477428	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
3		n-Pentadecanol	228	C15H32O	000629-76-5	91
4		Cyclohexadecane	224	C16H32	000295-65-8	91
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	2.6	ng/ul	498388	4	17.56	3762390	20.0
(DEL) Alkane: Cyc...	21.46	2.1	ng/ul	477428	5	21.85	4519080	20.0