

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023957.D
 Acq On : 28 Nov 2019 17:51
 Operator : JU
 Sample : K5915-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNW4

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_M\METHODS\SOM-EPA-BM112719MA.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	3.034	23	25	35	rVB	79954	122405	1.34%	0.121%
2	3.657	126	131	136	rVB	64568	106545	1.17%	0.105%
3	3.740	142	145	148	rVB	19740	24444	0.27%	0.024%
4	4.646	295	299	303	rBV	51601	75788	0.83%	0.075%
5	5.504	441	445	448	rBV5	8105	9694	0.11%	0.010%
6	6.675	636	644	657	rBV	1404409	2403774	26.32%	2.367%
7	6.834	665	671	690	rVB	1136919	1845743	20.21%	1.818%
8	7.022	696	703	715	rBV	1531210	2431983	26.63%	2.395%
9	7.128	717	721	725	rVB5	10657	16591	0.18%	0.016%
10	7.487	773	782	792	rBV	1767187	2807065	30.74%	2.764%
11	7.575	792	797	808	rVB5	14842	40285	0.44%	0.040%
12	8.204	897	904	918	rBV	1654272	2761828	30.24%	2.720%
13	8.316	918	923	934	rVB2	74843	143976	1.58%	0.142%
14	8.634	969	977	992	rBV	1261155	2191103	23.99%	2.158%
15	9.081	1050	1053	1058	rVB3	16953	23303	0.26%	0.023%
16	9.351	1091	1099	1114	rBV	1052587	1804021	19.75%	1.777%
17	9.722	1158	1162	1166	rBV4	7297	12168	0.13%	0.012%
18	9.892	1183	1191	1207	rBV	1658649	2906410	31.83%	2.862%
19	10.257	1245	1253	1263	rBV	2348454	3887027	42.56%	3.828%
20	10.404	1270	1278	1299	rBV	1367309	2628726	28.79%	2.589%
21	11.863	1521	1526	1533	rBV2	24381	46193	0.51%	0.045%
22	12.751	1675	1677	1681	rVB4	7595	9210	0.10%	0.009%
23	13.051	1724	1728	1733	rBV5	7213	12162	0.13%	0.012%
24	13.569	1809	1816	1820	rBV	3040802	4231864	46.34%	4.168%
25	13.616	1820	1824	1834	rVB	1284182	1812126	19.84%	1.785%
26	13.833	1854	1861	1872	rBV	3636621	5256877	57.57%	5.177%
27	14.145	1907	1914	1924	rBV	3421159	5008991	54.85%	4.933%
28	14.374	1947	1953	1973	rBV	719906	1469555	16.09%	1.447%
29	14.598	1985	1991	2000	rBV3	110961	217376	2.38%	0.214%
30	14.974	2050	2055	2058	rBV4	8634	14240	0.16%	0.014%
31	15.033	2061	2065	2068	rVB5	10809	13113	0.14%	0.013%
32	15.145	2078	2084	2096	rBV	4659120	6621943	72.51%	6.521%
33	15.286	2103	2108	2120	rBV	1044463	1466871	16.06%	1.445%
34	15.386	2121	2125	2130	rVB2	52381	76186	0.83%	0.075%

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35	15.721	2179	2182	2186	rBV6	5356	10711	0.12%	0.011%
36	15.839	2198	2202	2204	rBV5	6961	9462	0.10%	0.009%
37	15.898	2209	2212	2215	rVV4	7267	10244	0.11%	0.010%
38	15.933	2215	2218	2223	rVB2	19473	25653	0.28%	0.025%
39	16.068	2236	2241	2246	rVB7	7987	13770	0.15%	0.014%
40	16.345	2285	2288	2292	rBV4	5799	10089	0.11%	0.010%
41	16.462	2303	2308	2313	rBV4	18397	28108	0.31%	0.028%
42	16.580	2325	2328	2331	rVB4	11583	11184	0.12%	0.011%
43	16.692	2343	2347	2353	rBV2	22587	34295	0.38%	0.034%
44	16.898	2376	2382	2392	rBV	3998221	5481045	60.02%	5.398%
45	16.998	2392	2399	2414	rVV	4943953	6981719	76.45%	6.876%
46	17.115	2414	2419	2425	rVB5	56237	90149	0.99%	0.089%
47	17.327	2447	2455	2458	rVV6	31361	70339	0.77%	0.069%
48	17.604	2500	2502	2506	rVB5	12682	14411	0.16%	0.014%
49	17.698	2513	2518	2524	rBV9	14827	36368	0.40%	0.036%
50	17.821	2534	2539	2546	rBV	340462	534664	5.85%	0.527%
51	18.256	2609	2613	2618	rBV5	33555	43981	0.48%	0.043%
52	18.386	2631	2635	2640	rVB7	13190	24429	0.27%	0.024%
53	18.533	2656	2660	2665	rVB6	20610	29680	0.33%	0.029%
54	18.615	2672	2674	2678	rVB2	14214	12148	0.13%	0.012%
55	18.656	2678	2681	2684	rBV4	10303	15859	0.17%	0.016%
56	18.868	2713	2717	2722	rBV8	18722	36746	0.40%	0.036%
57	18.939	2725	2729	2732	rBV	54989	65028	0.71%	0.064%
58	19.033	2742	2745	2749	rVB3	64493	79947	0.88%	0.079%
59	19.115	2755	2759	2767	rBV2	109365	185786	2.03%	0.183%
60	19.192	2769	2772	2776	rVB	51927	63416	0.69%	0.062%
61	19.303	2785	2791	2802	rBV	6110979	8038735	88.03%	7.917%
62	20.850	3050	3054	3060	rBV	381574	537904	5.89%	0.530%
63	21.103	3092	3097	3110	rBV	4811134	6245601	68.39%	6.151%
64	21.286	3125	3128	3133	rBV2	191421	233337	2.56%	0.230%
65	21.709	3197	3200	3209	rVB	305623	369306	4.04%	0.364%
66	22.150	3272	3275	3280	rVB	463730	542099	5.94%	0.534%
67	22.268	3292	3295	3301	rVB	699523	832330	9.11%	0.820%
68	22.633	3354	3357	3362	rVB	507790	666069	7.29%	0.656%
69	23.115	3433	3439	3445	rBV	5322927	9132030	100.00%	8.993%
70	23.168	3445	3448	3454	rVB	529193	821161	8.99%	0.809%
71	23.250	3455	3462	3477	rVB	3809561	7052843	77.23%	6.946%

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72	23.780	3548	3552	3559	rVB	369404	653731	7.16%	0.644%
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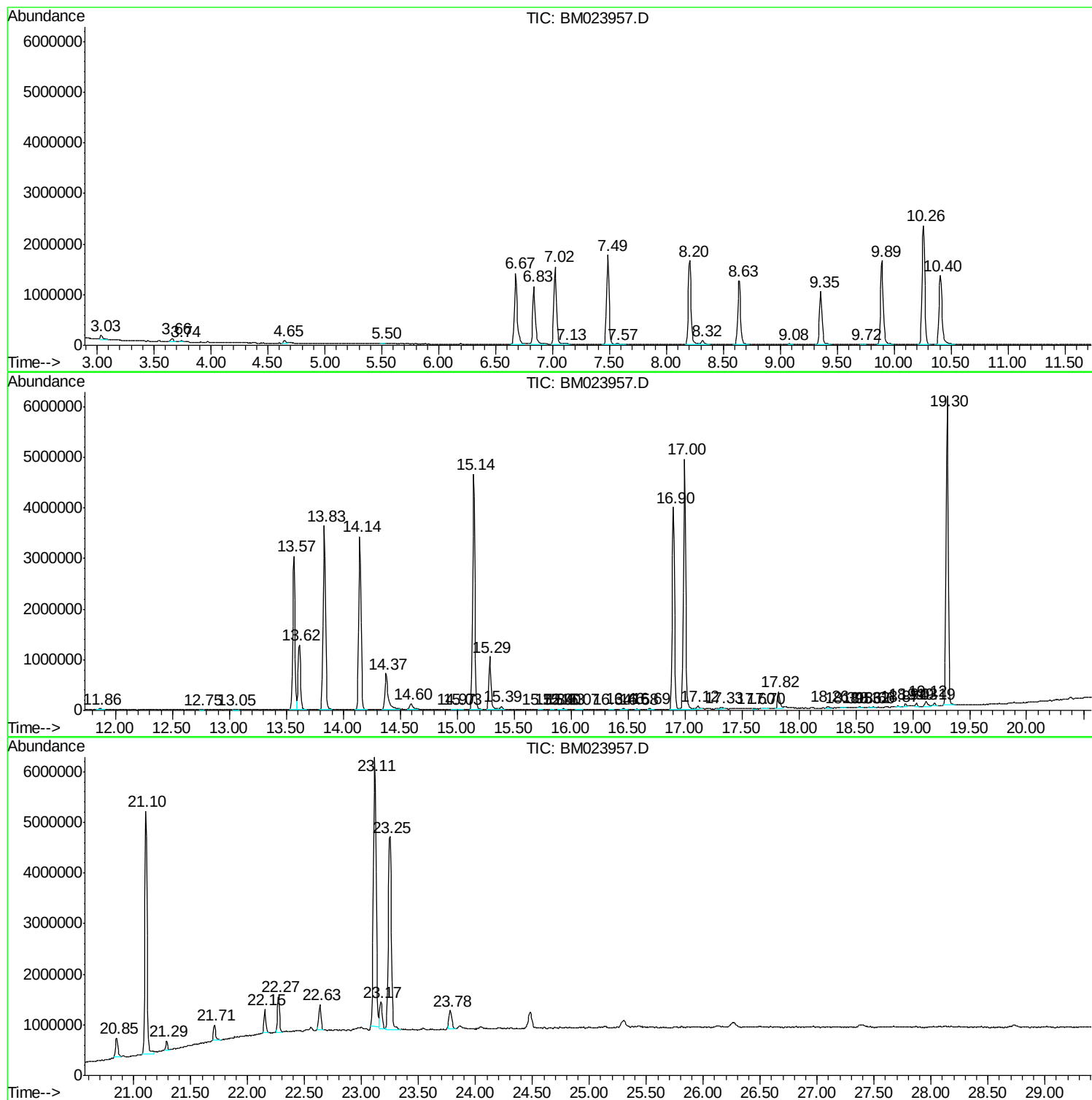
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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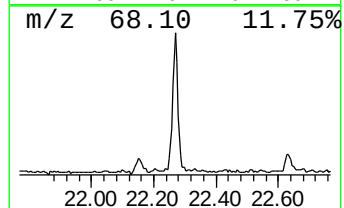
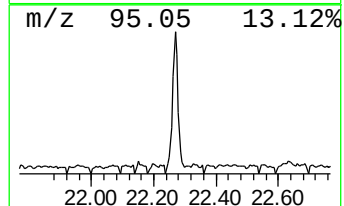
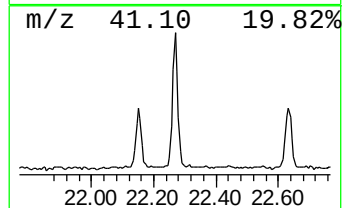
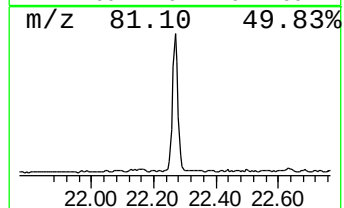
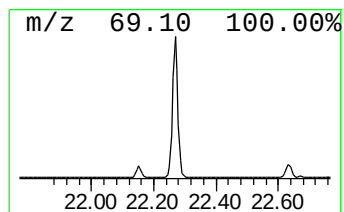
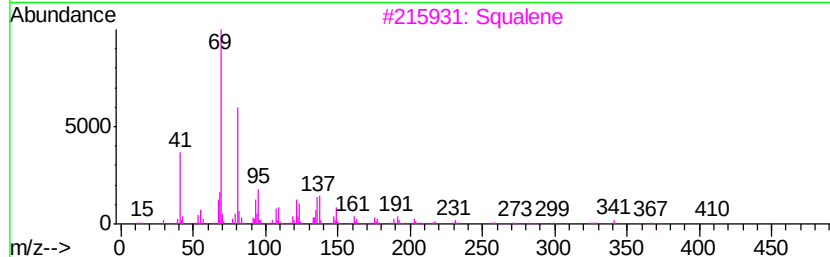
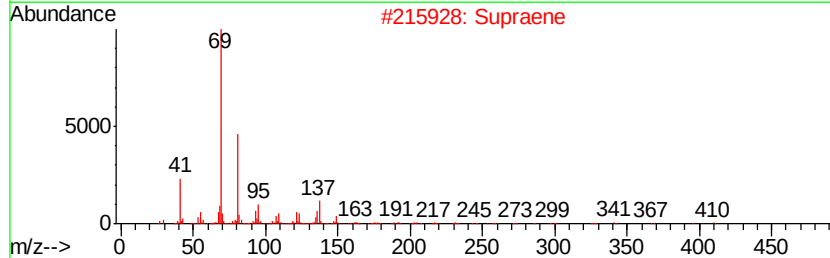
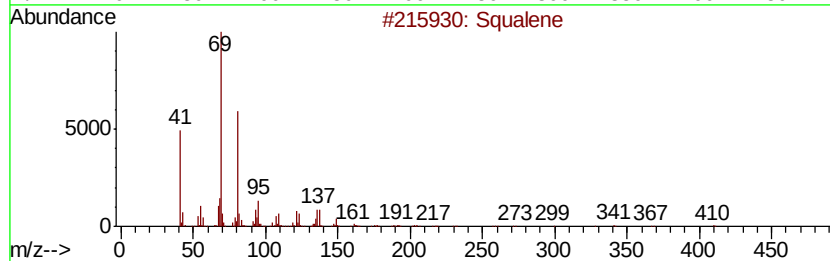
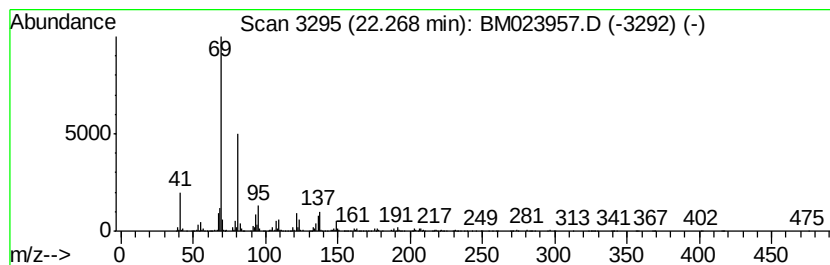
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.36 ng/ul	832330	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	91



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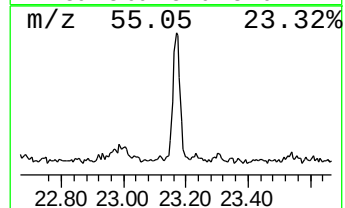
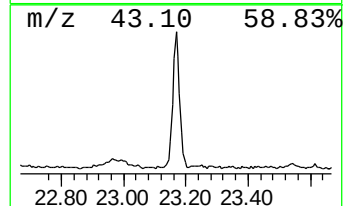
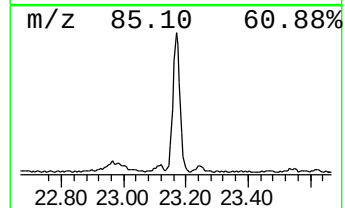
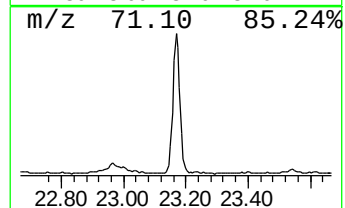
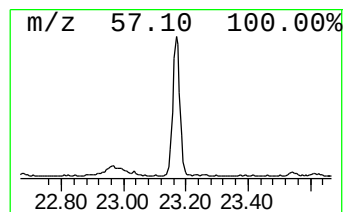
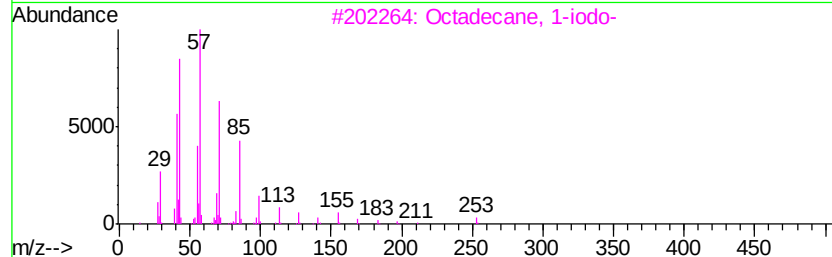
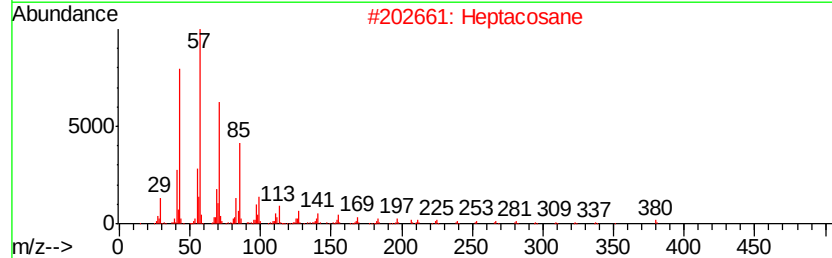
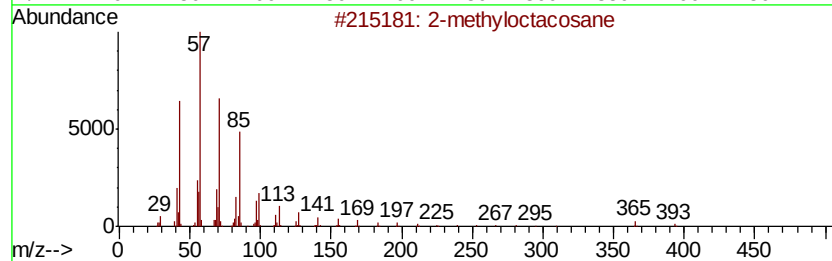
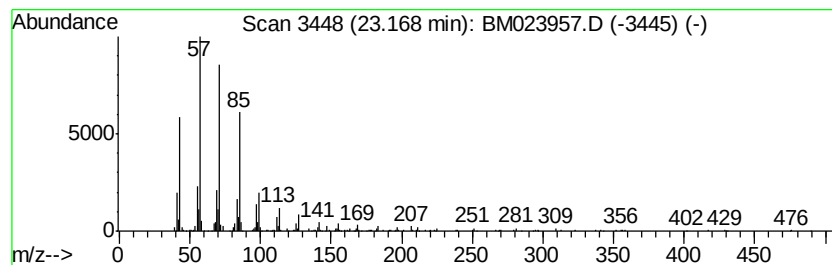
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.33 ng/ul	821161	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Heptadecane	240	C17H36	000629-78-7	80
5		Octadecane	254	C18H38	000593-45-3	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Squalene	22.27	2.4	ng/ul	832330	6	23.25	7052840	20.0
(DEL) Alkane: Str...	23.17	2.3	ng/ul	821161	6	23.25	7052840	20.0