LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044543.D
Acq On : 07 Mar 2024 08:07
Operator : MA/JU
Sample : P1676-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E06Z9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	41	rVB	38085	52752	1.13%	0.106%
2	3.987	150	153	160	rVB3	16144	26229	0.56%	0.052%
3	6.898	642	648	663	rBV	648462	1054651	22.65%	2.110%
4	7.075	672	678	689	rBV	603586	981457	21.08%	1.964%
5	7.263	703	710	720	rBV	643486	1039289	22.32%	2.079%
6	7.728	782	789	798	rBV	877963	1389922	29.85%	2.781%
7	7.792	798	800	804	rVB5	4988	5180	0.11%	0.010%
8	8.428	901	908	921	rBV	813749	1335875	28.69%	2.673%
9	8.886	977	986	998	rBV	696527	1160837	24.93%	2.322%
10	9.045	1009	1013	1020	rVB9	12375	22059	0.47%	0.044%
11	9.263	1045	1050	1055	rBV5	6683	9900	0.21%	0.020%
12	9.598	1099	1107	1120	rBV	479425	808789	17.37%	1.618%
13	9.822	1140	1145	1151	rVB7	9456	17594	0.38%	0.035%
14	10.128	1191	1197	1214	rBV	738874	1311117	28.16%	2.623%
15	10.510	1252	1262	1271	rBV	1229804	2111253	45.35%	4.224%
16	10.657	1277	1287	1303	rBV	645751	1247277	26.79%	2.495%
17	11.539	1428	1437	1439	rBV9	3589	7201	0.15%	0.014%
18	11.933	1499	1504	1512	rBV5	10734	19524	0.42%	0.039%
19	12.104	1527	1533	1538	rBV3	16728	27806	0.60%	0.056%
20	12.751	1640	1643	1648	rBV5	3245	4721	0.10%	0.009%
21	12.839	1654	1658	1662	rBV7	4224	7266	0.16%	0.015%
22	12.898	1662	1668	1670	rBV5	8770	12060	0.26%	0.024%
23	13.186	1707	1717	1725	rBV2	32092	57853	1.24%	0.116%
24	13.263	1725	1730	1739	rVV	61254	106145	2.28%	0.212%
25	13.333	1739	1742	1744	rVV4	6034	8823	0.19%	0.018%
26	13.351	1744	1745	1750	rVB4	6221	5317	0.11%	0.011%
27	13.704	1800	1805	1808	rBV5	2692	5104	0.11%	0.010%
28	13.786	1810	1819	1827	rVV	1309108	1910177	41.03%	3.822%
29	13.845	1827	1829	1834	rVV	21263	28338	0.61%	0.057%
30	13.886	1834	1836	1841	rVB5	4806	7467	0.16%	0.015%
31	13.968	1847	1850	1854	rVB5	5713	6187	0.13%	0.012%
32	14.057	1854	1865	1878	rBV	1999288	2996347	64.36%	5.995%
33	14.268	1895	1901	1906	rVB	37972	50375	1.08%	0.101%
34	14.363	1910	1917	1926	rBV	1959582	2888097	62.03%	5.778%
35	14.580	1945	1954	1971	rBV	182437	540666	11.61%	1.082%
36	14.892	2003	2007	2012	rVB4	10881	16863	0.36%	0.034%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Title : SVOA CALIBRATION

37	15.174	2050	2055	2057	rBV5	5688	7388	0.16%	0.015%
38	15.221	2057	2063	2070	rVB	43077	55334	1.19%	0.111%
39	15.268	2070	2071	2076	rVB5	3815	4674	0.10%	0.009%
40	15.363	2080	2087	2096	rBV	2568217	3775056	81.08%	7.553%
41	15.486	2102	2108	2121	rVV	257399	399708	8.59%	0.800%
42	15.627	2124	2132	2137	rVB2	25302	51317	1.10%	0.103%
43	15.727	2146	2149	2153	rVB5	6396	7949	0.17%	0.016%
44	15.786	2153	2159	2162	rBV7	7559	12570	0.27%	0.025%
45	15.927	2180	2183	2187	rBV6	4024	5924	0.13%	0.012%
46	16.086	2205	2210	2212	rBV	54526	74950	1.61%	0.150%
47	16.145	2218	2220	2226	rVB6	11811	15142	0.33%	0.030%
48	16.204	2226	2230	2234	rBV6	6703	8925	0.19%	0.018%
49	16.362	2253	2257	2261	rBV7	3851	5928	0.13%	0.012%
50	16.427	2265	2268	2271	rBV5	4634	6557	0.14%	0.013%
51	16.592	2293	2296	2300	rBV5	8070	9554	0.21%	0.019%
52	16.668	2305	2309	2311	rBV4	5390	6152	0.13%	0.012%
53	16.880	2341	2345	2349	rBV	48826	67328	1.45%	0.135%
54	16.933	2350	2354	2357	rVB2	24604	36355	0.78%	0.073%
55	17.115	2378	2385	2395	rBV	2283681	3336148	71.66%	6.674%
56	17.209	2395	2401	2416	rVV	2697949	4029955	86.56%	8.062%
57	17.415	2432	2436	2441	rVB6	13875	21180	0.45%	0.042%
58	17.621	2467	2471	2476	rBV	48176	61483	1.32%	0.123%
59	17.792	2498	2500	2505	rVB6	8268	11751	0.25%	0.024%
60	18.015	2533	2538	2544	rBV2	48596	84385	1.81%	0.169%
61	18.092	2549	2551	2555	rVB	11742	13886	0.30%	0.028%
62	18.315	2585	2589	2595	rBV	50844	60511	1.30%	0.121%
63	18.951	2693	2697	2703	rBV	56104	72312	1.55%	0.145%
64	19.074	2714	2718	2722	rBV2	37424	50166	1.08%	0.100%
65	19.145	2727	2730	2734	rBV	26400	35471	0.76%	0.071%
66	19.303	2755	2757	2764	rVB7	17228	22516	0.48%	0.045%
67	19.509	2786	2792	2800	rBV	3326228	4655741	100.00%	9.314%
68	19.574	2800	2803	2808	rVB2	73687	83265	1.79%	0.167%
69	20.068	2884	2887	2892	rBV	140759	162037	3.48%	0.324%
70	20.568	2968	2972	2976	rBV	213503	242938	5.22%	0.486%
71	21.033	3046	3051	3060	rBV	533662	813106	17.46%	1.627%
72	21.303	3092	3097	3104	rBV	2308601	3020186	64.87%	6.042%
73	21.468	3122	3125	3129	rBV	260019	279016	5.99%	0.558%
74	21.909	3197	3200	3208	rBV	234385	280570	6.03%	0.561%
75	22.380	3276	3280	3295	rVB2	264052	463726	9.96%	0.928%
76	22.891	3364	3367	3373	rVB2	175487	245603	5.28%	0.491%

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77	23.403	3448	3454	3462	rBV2	1762033	3341526	71.77%	6.685%
78	23.550	3472	3479	3493	rVB	1382079	2765204	59.39%	5.532%

Sum of corrected areas: 49984011

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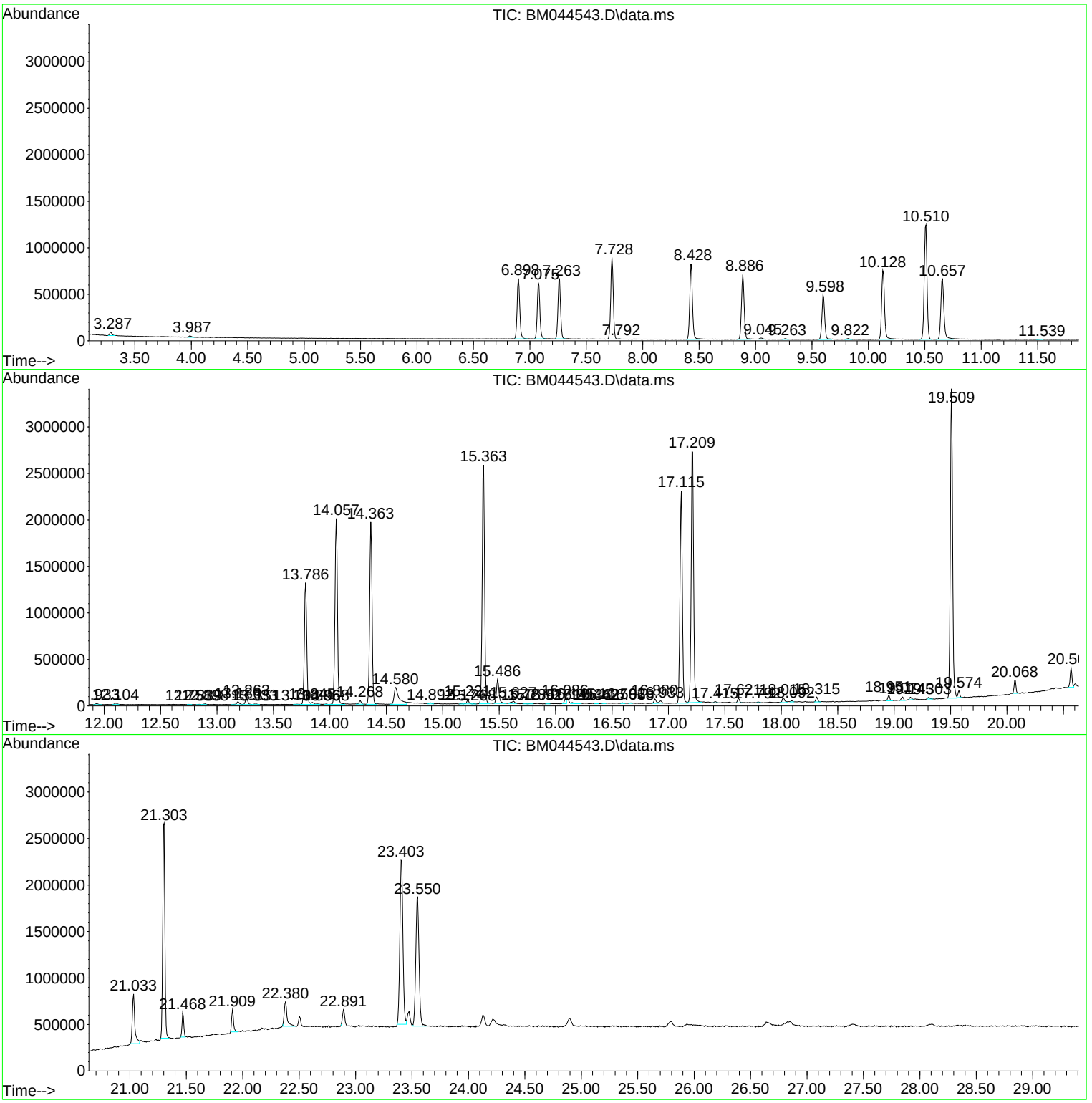
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST20.L
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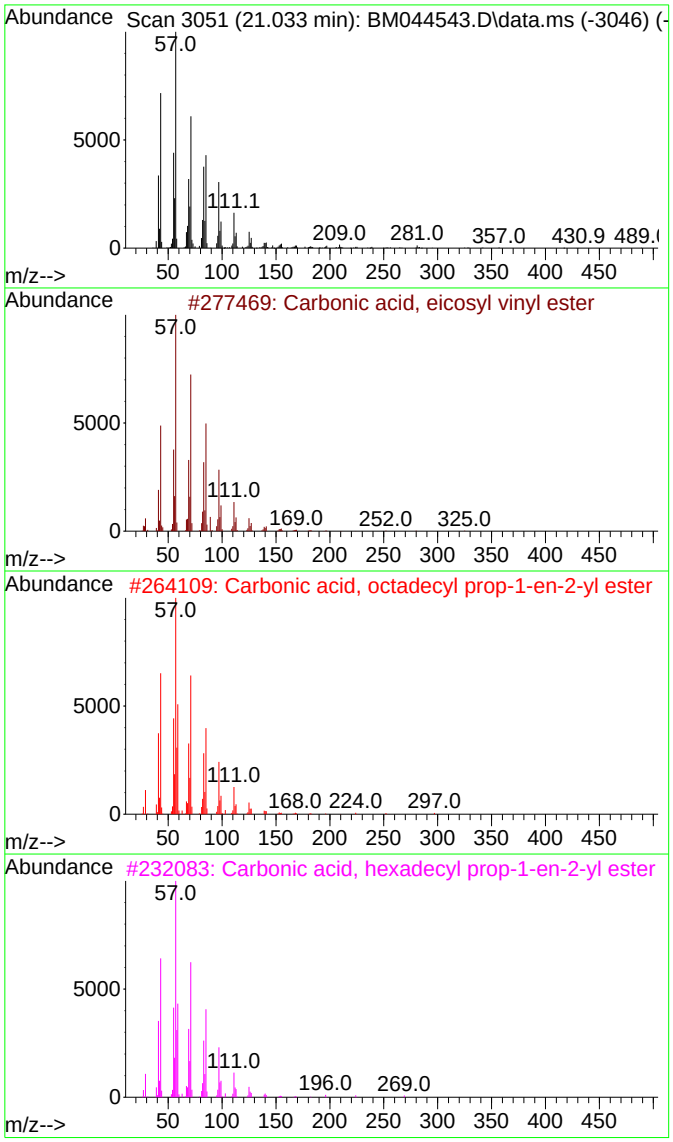
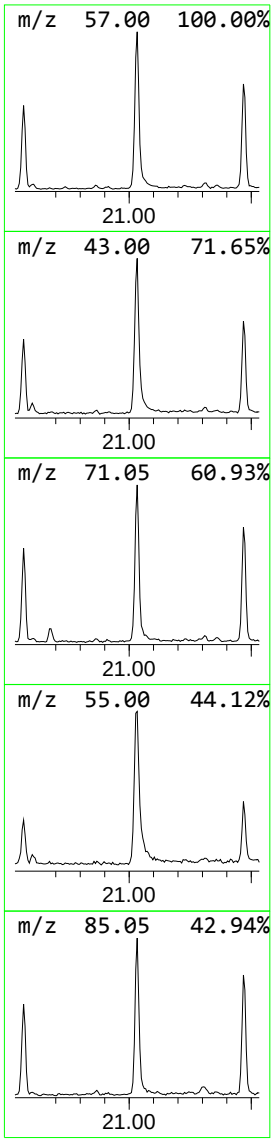
****
Peak Number 1 Carbonic acid, eicosyl viny... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	5.38 ng/ul	813106	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	94
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	94
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87





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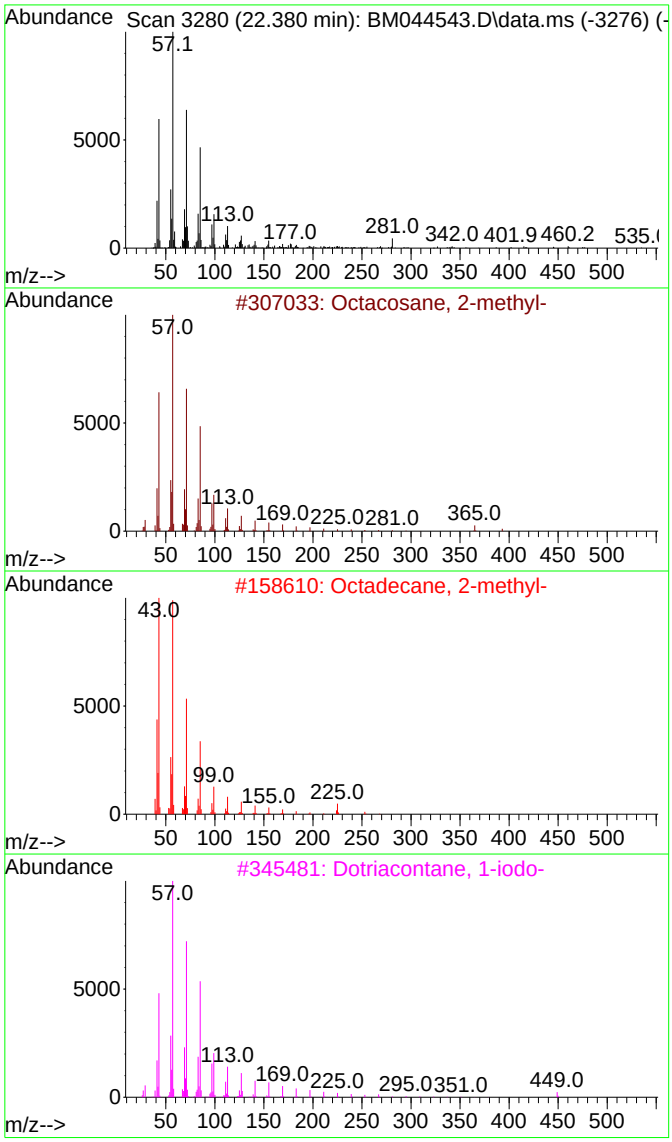
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

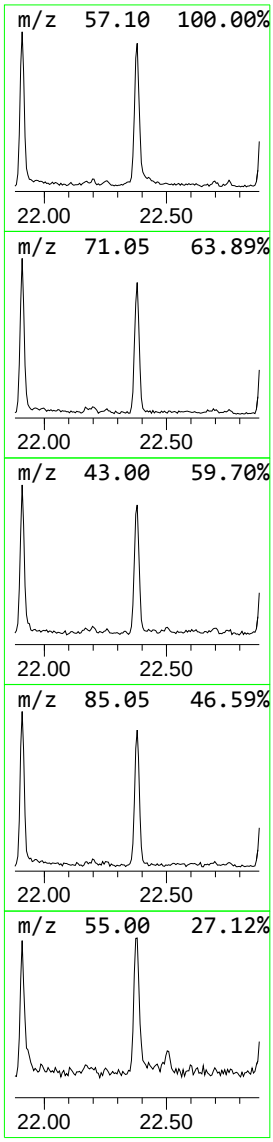
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.380	3.07 ng/ul	463726	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexacosane	366	C26H54	000630-01-3	83





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Carbonic acid, ...	21.033	5.4	ng/ul	813106	5	21.303	3020190	20.0
(DEL) Alkane: S...	22.380	3.1	ng/ul	463726	5	21.303	3020190	20.0