LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042927.D
Acq On : 20 Nov 2023 14:30
Operator : MA/JU
Sample : 05174-25
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AP2

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-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	27	31	42	rVB2	16207	24969	1.71%	0.178%
2	3.604	102	105	122	rBV	158502	265838	18.19%	1.898%
3	3.910	155	157	161	rVB4	3235	3088	0.21%	0.022%
4	5.516	427	430	432	rVB3	1621	1489	0.10%	0.011%
5	5.875	490	491	493	rBV2	1588	1563	0.11%	0.011%
6	6.975	672	678	692	rBV	209273	387517	26.52%	2.766%
7	7.157	703	709	722	rBV	165234	266507	18.24%	1.903%
8	7.328	732	738	751	rBV	219204	368834	25.24%	2.633%
9	7.434	754	756	762	rVB4	3195	4858	0.33%	0.035%
10	7.804	814	819	837	rBV	176711	305883	20.93%	2.184%
11	7.939	840	842	848	rVB5	1976	3641	0.25%	0.026%
12	8.528	936	942	962	rBV	244767	440234	30.12%	3.143%
13	9.010	1017	1024	1039	rBV	208213	379498	25.97%	2.709%
14	9.192	1051	1055	1059	rVB6	2265	3722	0.25%	0.027%
15	9.386	1085	1088	1091	rBV3	1744	2115	0.14%	0.015%
16	9.716	1138	1144	1154	rBV	189808	336050	23.00%	2.399%
17	10.016	1193	1195	1198	rBV2	1462	1513	0.10%	0.011%
18	10.192	1222	1225	1228	rBV4	2535	3471	0.24%	0.025%
19	10.245	1228	1234	1251	rVV	231537	440737	30.16%	3.146%
20	10.616	1290	1297	1311	rBV	220674	380212	26.02%	2.714%
21	10.792	1322	1327	1345	rBV	196868	422638	28.92%	3.017%
22	10.975	1356	1358	1364	rVB6	1945	2803	0.19%	0.020%
23	11.033	1366	1368	1371	rVV4	1413	1501	0.10%	0.011%
24	11.075	1372	1375	1380	rVB5	1013	1611	0.11%	0.012%
25	11.369	1420	1425	1428	rVB4	1285	1706	0.12%	0.012%
26	12.216	1565	1569	1574	rBV2	2059	3523	0.24%	0.025%
27	12.716	1651	1654	1659	rVB3	1414	2096	0.14%	0.015%
28	13.216	1733	1739	1743	rVB3	4174	5846	0.40%	0.042%
29	13.310	1749	1755	1762	rBV	22026	34312	2.35%	0.245%
30	13.663	1810	1815	1820	rBV2	7030	10564	0.72%	0.075%
31	13.886	1847	1853	1865	rBV	495467	698463	47.80%	4.986%
32	14.163	1894	1900	1916	rBV	536964	790472	54.09%	5.643%
33	14.298	1919	1923	1927	rVB3	2100	3244	0.22%	0.023%
34	14.463	1945	1951	1960	rBV	317435	463015	31.68%	3.305%
35	14.668	1980	1986	1989	rBV3	2125	2653	0.18%	0.019%
36	14.727	1990	1996	2013	rBV	81872	265027	18.14%	1.892%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

37	14.921	2027	2029	2034	rVB6	2645	3598	0.25%	0.026%
38	14.998	2039	2042	2045	rVB4	1586	2239	0.15%	0.016%
39	15.204	2073	2077	2080	rVV3	1708	2250	0.15%	0.016%
40	15.245	2080	2084	2087	rVB3	1472	2544	0.17%	0.018%
41	15.457	2114	2120	2132	rBV	684763	971259	66.46%	6.934%
42	15.551	2134	2136	2138	rVV3	2504	2411	0.16%	0.017%
43	15.610	2141	2146	2158	rVV	141353	216550	14.82%	1.546%
44	15.686	2158	2159	2164	rVB3	2205	2817	0.19%	0.020%
45	16.592	2308	2313	2316	rBV5	1771	2622	0.18%	0.019%
46	17.074	2393	2395	2400	rBV4	1416	1858	0.13%	0.013%
47	17.215	2413	2419	2431	rBV	374893	549532	37.60%	3.923%
48	17.321	2431	2437	2451	rVV	749549	1057488	72.36%	7.549%
49	17.421	2451	2454	2458	rVV4	7175	10487	0.72%	0.075%
50	17.474	2461	2463	2469	rVB4	2241	3650	0.25%	0.026%
51	17.556	2473	2477	2478	rBV4	1718	1820	0.12%	0.013%
52	17.580	2478	2481	2483	rVV3	1700	1765	0.12%	0.013%
53	17.656	2491	2494	2497	rVB4	1758	1779	0.12%	0.013%
54	17.839	2521	2525	2530	rBV3	5910	7739	0.53%	0.055%
55	18.074	2556	2565	2577	rBV	84871	149679	10.24%	1.069%
56	18.333	2607	2609	2610	rBV2	1862	1597	0.11%	0.011%
57	18.486	2631	2635	2637	rVV5	3325	4761	0.33%	0.034%
58	18.756	2678	2681	2683	rBV4	2254	3125	0.21%	0.022%
59	18.886	2697	2703	2705	rBV7	2010	3405	0.23%	0.024%
60	18.974	2713	2718	2720	rBV5	2924	4480	0.31%	0.032%
61	19.015	2723	2725	2730	rVV5	3143	4682	0.32%	0.033%
62	19.174	2746	2752	2756	rBV5	11029	18713	1.28%	0.134%
63	19.221	2756	2760	2761	rBV4	6428	7856	0.54%	0.056%
64	19.245	2761	2764	2770	rVB4	10847	17634	1.21%	0.126%
65	19.356	2779	2783	2796	rBV2	31409	63404	4.34%	0.453%
66	19.615	2821	2827	2834	rBV	1096657	1349180	92.32%	9.632%
67	19.680	2837	2838	2842	rVB4	8098	7356	0.50%	0.053%
68	20.092	2904	2908	2914	rBV4	15772	28556	1.95%	0.204%
69	20.227	2929	2931	2933	rBV3	5252	4869	0.33%	0.035%
70	20.592	2990	2993	2995	rBV2	19637	20100	1.38%	0.143%
71	21.056	3070	3072	3073	rBV	20391	15808	1.08%	0.113%
72	21.080	3073	3076	3087	rVB3	76868	140654	9.62%	1.004%
73	21.403	3127	3131	3138	rBV	488712	649525	44.45%	4.637%
74	21.492	3143	3146	3151	rVB2	44250	52411	3.59%	0.374%
75	21.933	3219	3221	3227	rVB2	37936	45895	3.14%	0.328%
76	22.409	3300	3302	3305	rVB3	34450	35211	2.41%	0.251%

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Title : SVOA CALIBRATION

77	23.609	3499	3506	3517	rVB2	745570	1461361	100.00%	10.433%
78	23.762	3526	3532	3542	rVB	363866	743696	50.89%	5.309%

Sum of corrected areas: 14007579

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Instrument :
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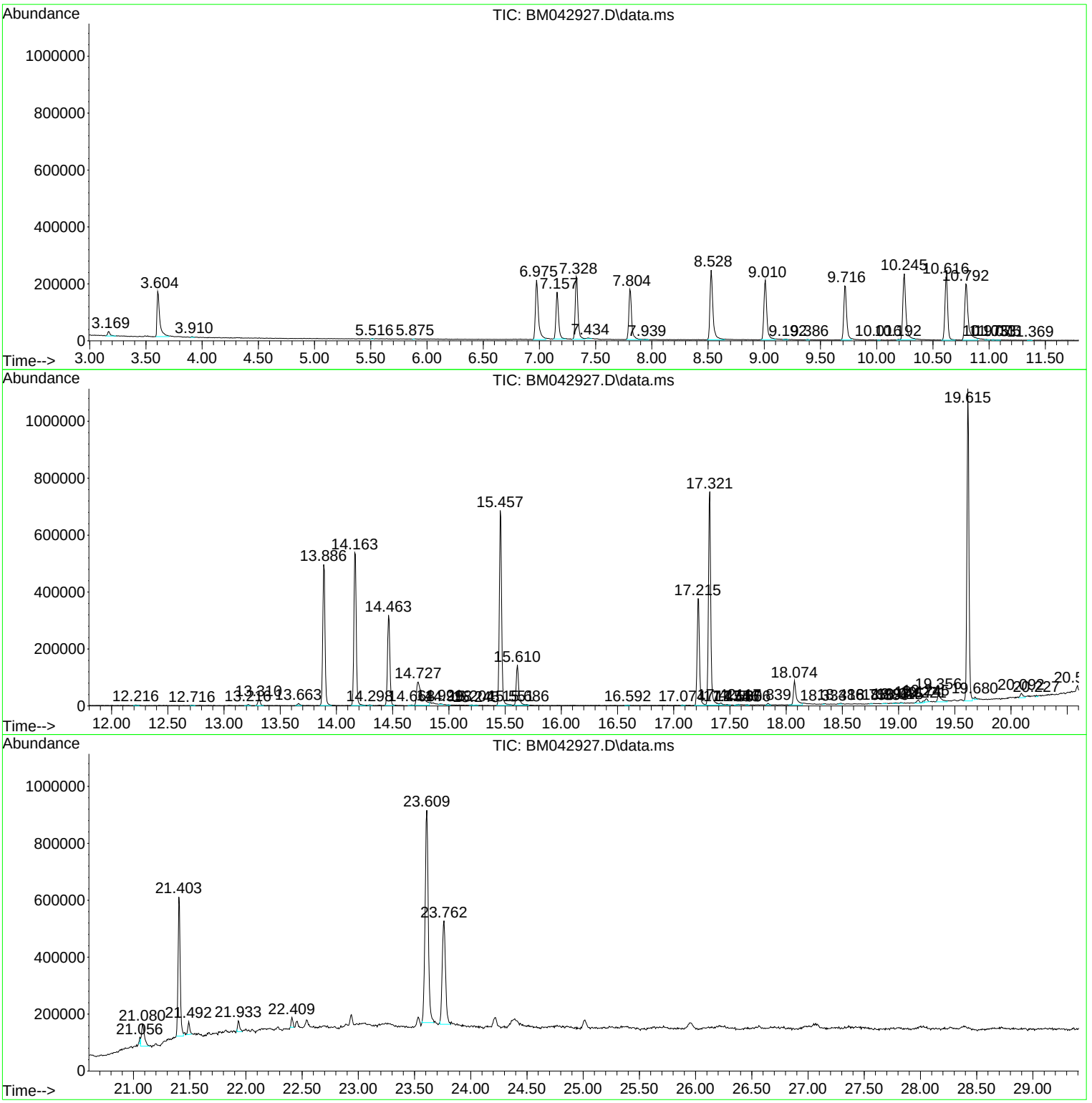
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



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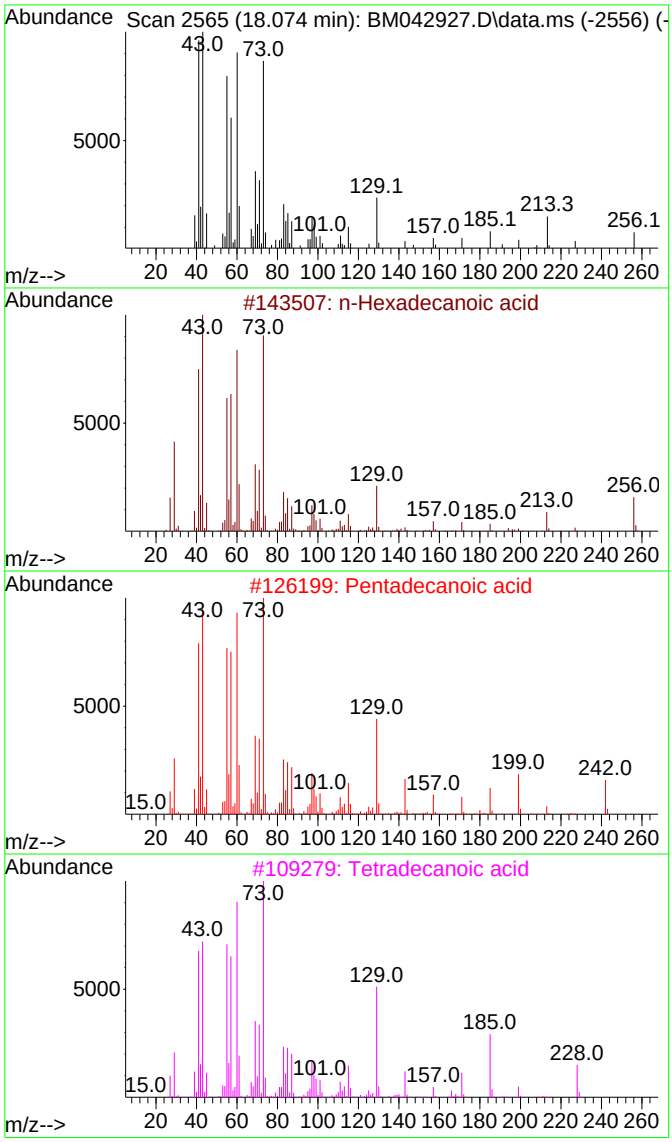
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

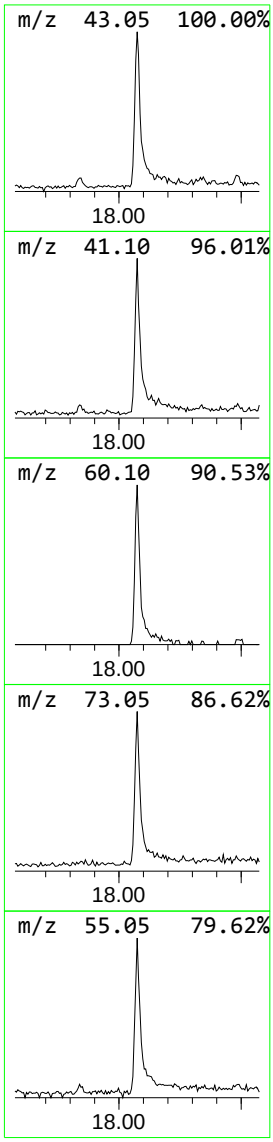
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	5.45 ng/ul	149679	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Instrument :
BNA_M
ClientSampleId :
C0AP2

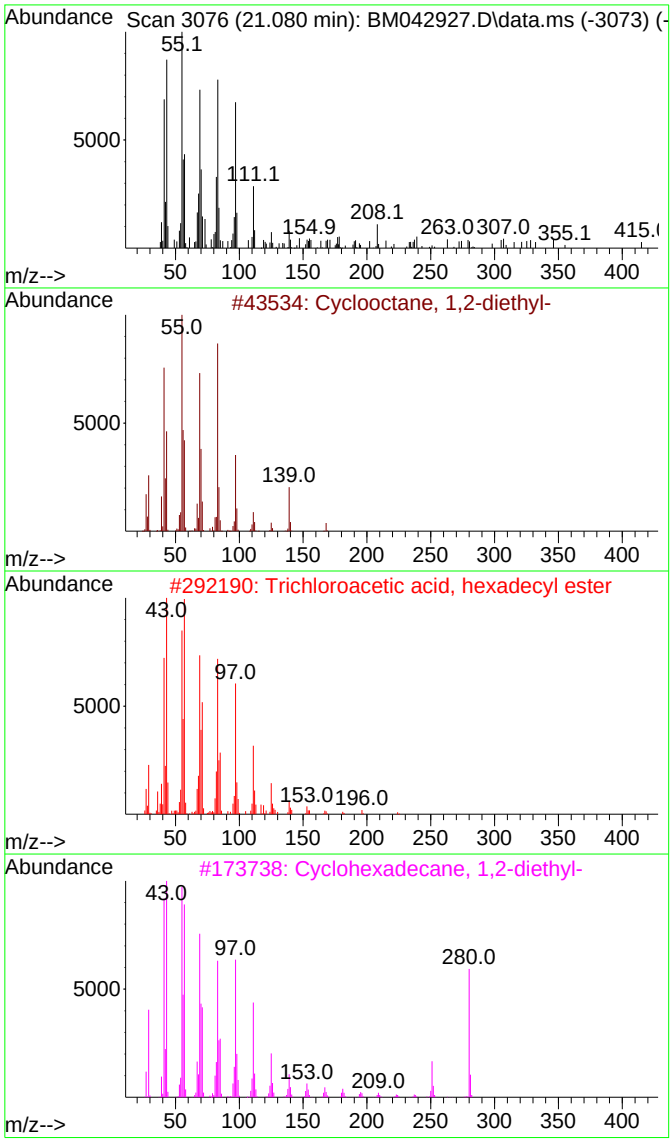
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

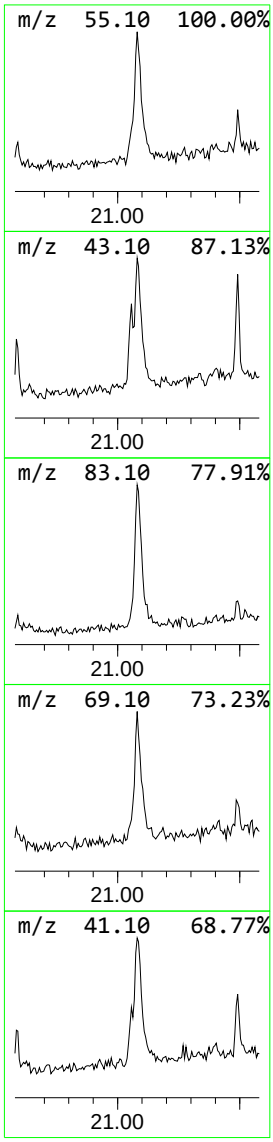
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic21.080 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	4.33 ng/ul	140654	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	89
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	86
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	60
5	Cycloeicosane	280	C20H40	000296-56-0	56





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.074	5.5	ng/ul	149679	4	17.221	549532	20.0
(DEL) Alkane: C...	21.080	4.3	ng/ul	140654	5	21.403	649525	20.0