

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047047.D
 Acq On : 07 Aug 2024 08:02
 Operator : RC/JU
 Sample : P3336-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E43

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-BM080224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.023	20	23	28	rVB	30139	34416	0.69%	0.067%
2	3.287	65	68	81	rVB	33680	60351	1.20%	0.118%
3	3.511	102	106	114	rVB	44766	62688	1.25%	0.122%
4	4.587	283	289	296	rVB	32190	49531	0.99%	0.097%
5	6.552	617	623	626	rBV6	17153	30201	0.60%	0.059%
6	6.599	626	631	641	rVV	406818	642961	12.81%	1.254%
7	6.752	651	657	669	rBV	396796	607313	12.10%	1.185%
8	6.940	682	689	701	rVV	456356	721499	14.38%	1.407%
9	7.040	701	706	715	rVB8	17060	35892	0.72%	0.070%
10	7.393	760	766	774	rBV	926842	1462139	29.14%	2.852%
11	7.928	846	857	863	rVB10	11841	39794	0.79%	0.078%
12	8.116	882	889	898	rVV	465576	728271	14.51%	1.421%
13	8.216	900	906	913	rVV	49878	88377	1.76%	0.172%
14	8.540	954	961	969	rVV	453395	736718	14.68%	1.437%
15	8.722	983	992	999	rVB	12930	39467	0.79%	0.077%
16	9.128	1056	1061	1070	rVB	38092	59159	1.18%	0.115%
17	9.252	1075	1082	1090	rBV	378870	608273	12.12%	1.187%
18	9.787	1165	1173	1182	rBV	543497	921162	18.36%	1.797%
19	10.151	1227	1235	1241	rBV	1310988	2067287	41.20%	4.033%
20	10.199	1241	1243	1251	rVB	33233	54102	1.08%	0.106%
21	10.304	1251	1261	1271	rBV	354743	668332	13.32%	1.304%
22	10.910	1359	1364	1374	rBV	69737	123825	2.47%	0.242%
23	10.987	1374	1377	1385	rVV9	13569	34126	0.68%	0.067%
24	11.204	1407	1414	1418	rBV2	19456	35899	0.72%	0.070%
25	11.610	1477	1483	1489	rVB3	27499	46105	0.92%	0.090%
26	11.828	1516	1520	1525	rVB2	26616	40428	0.81%	0.079%
27	12.451	1622	1626	1633	rVB7	25791	40723	0.81%	0.079%
28	12.892	1692	1701	1705	rVV2	41470	69177	1.38%	0.135%
29	13.363	1777	1781	1787	rVV2	23109	42649	0.85%	0.083%
30	13.475	1794	1800	1809	rVV	994032	1362312	27.15%	2.658%
31	13.563	1809	1815	1818	rVV	43533	58110	1.16%	0.113%
32	13.604	1818	1822	1826	rVB3	31045	41154	0.82%	0.080%
33	13.739	1839	1845	1858	rVB	1149992	1809048	36.05%	3.529%
34	13.986	1880	1887	1891	rBV	45384	66620	1.33%	0.130%
35	14.051	1891	1898	1905	rBV	1892893	2714507	54.10%	5.295%
36	14.292	1931	1939	1946	rBV2	327584	605206	12.06%	1.181%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Title : SVOA CALIBRATION

37	14.351	1946	1949	1954	rVB	42020	62059	1.24%	0.121%
38	14.451	1959	1966	1972	rVV2	40615	87171	1.74%	0.170%
39	14.610	1986	1993	2000	rBV7	28839	51010	1.02%	0.100%
40	14.681	2000	2005	2011	rVB6	21738	35885	0.72%	0.070%
41	14.851	2027	2034	2037	rBV6	31207	49122	0.98%	0.096%
42	14.945	2047	2050	2058	rVB3	38203	53865	1.07%	0.105%
43	15.057	2058	2069	2074	rBV	1499812	2137369	42.60%	4.170%
44	15.104	2074	2077	2084	rVB3	43426	64936	1.29%	0.127%
45	15.192	2084	2092	2101	rBV	369804	525199	10.47%	1.025%
46	15.357	2114	2120	2125	rVB2	35591	58450	1.16%	0.114%
47	15.410	2125	2129	2134	rBV2	25587	39340	0.78%	0.077%
48	15.557	2150	2154	2161	rVB	38346	74636	1.49%	0.146%
49	15.639	2163	2168	2172	rBV6	22635	41316	0.82%	0.081%
50	15.839	2186	2202	2207	rVB2	181651	416741	8.31%	0.813%
51	16.363	2281	2291	2294	rBV2	54651	113349	2.26%	0.221%
52	16.392	2294	2296	2301	rVV5	33745	51495	1.03%	0.100%
53	16.469	2305	2309	2318	rVB	46719	77129	1.54%	0.150%
54	16.551	2318	2323	2328	rBV2	30994	57413	1.14%	0.112%
55	16.610	2328	2333	2339	rVV3	55181	112787	2.25%	0.220%
56	16.663	2339	2342	2346	rVB4	28445	38363	0.76%	0.075%
57	16.810	2361	2367	2372	rBV	2396271	3291584	65.60%	6.421%
58	16.851	2372	2374	2378	rVB	245784	266481	5.31%	0.520%
59	16.910	2378	2384	2388	rBV	1652688	2382062	47.47%	4.647%
60	16.939	2388	2389	2396	rVB	358100	373673	7.45%	0.729%
61	17.127	2418	2421	2428	rVB7	27646	47105	0.94%	0.092%
62	17.222	2430	2437	2441	rBV	90801	148042	2.95%	0.289%
63	17.345	2455	2458	2463	rVB2	59353	78628	1.57%	0.153%
64	17.522	2486	2488	2494	rVB7	24117	35344	0.70%	0.069%
65	17.692	2513	2517	2520	rVB	35236	43903	0.87%	0.086%
66	17.745	2521	2526	2534	rBV2	372453	574622	11.45%	1.121%
67	17.816	2534	2538	2542	rVB2	89730	125930	2.51%	0.246%
68	17.880	2544	2549	2553	rBV3	72443	134738	2.69%	0.263%
69	18.045	2573	2577	2580	rBV	73671	93851	1.87%	0.183%
70	18.198	2600	2603	2606	rBV	47273	56731	1.13%	0.111%
71	18.239	2606	2610	2615	rVB2	78890	107618	2.14%	0.210%
72	18.451	2643	2646	2650	rVB5	45647	50468	1.01%	0.098%
73	18.621	2671	2675	2681	rBV2	108721	184698	3.68%	0.360%
74	18.686	2682	2686	2689	rBV3	77822	110787	2.21%	0.216%
75	18.763	2695	2699	2708	rBV2	88841	184233	3.67%	0.359%
76	18.886	2715	2720	2725	rVB	1037773	1381911	27.54%	2.696%

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77	19.045	2743	2747	2753	rBV2	224887	328127	6.54%	0.640%
78	19.221	2772	2777	2780	rBV	1670755	2296840	45.78%	4.481%
79	19.251	2780	2782	2786	rVB	600238	657001	13.09%	1.282%
80	19.327	2792	2795	2796	rBV2	41166	46980	0.94%	0.092%
81	19.439	2811	2814	2820	rVB	81261	99033	1.97%	0.193%
82	19.586	2835	2839	2846	rBV4	139976	282312	5.63%	0.551%
83	19.680	2853	2855	2858	rVB3	64976	64292	1.28%	0.125%
84	19.721	2858	2862	2864	rBV3	133124	203819	4.06%	0.398%
85	19.821	2876	2879	2881	rBV2	59396	72028	1.44%	0.141%
86	19.857	2882	2885	2889	rVB	136812	154910	3.09%	0.302%
87	19.916	2889	2895	2899	rBV2	253821	454937	9.07%	0.887%
88	20.057	2916	2919	2922	rVB	79285	92962	1.85%	0.181%
89	20.098	2923	2926	2931	rBV2	93291	150217	2.99%	0.293%
90	20.321	2961	2964	2973	rBV5	128123	325806	6.49%	0.636%
91	20.510	2993	2996	3003	rBV	250447	359484	7.16%	0.701%
92	20.674	3021	3024	3028	rVB2	210274	265309	5.29%	0.518%
93	20.715	3028	3031	3034	rBV	167234	218269	4.35%	0.426%
94	20.751	3034	3037	3039	rBV	124601	131717	2.63%	0.257%
95	20.786	3040	3043	3045	rBV2	232095	251737	5.02%	0.491%
96	21.045	3080	3087	3091	rBV2	2774325	5017669	100.00%	9.788%
97	21.086	3091	3094	3102	rVB	1197835	1681121	33.50%	3.279%
98	22.909	3397	3404	3410	rBV	1160609	3055992	60.90%	5.962%
99	23.568	3511	3516	3522	rVB	476083	886228	17.66%	1.729%
100	23.756	3540	3548	3555	rBV	1539151	3537233	70.50%	6.900%

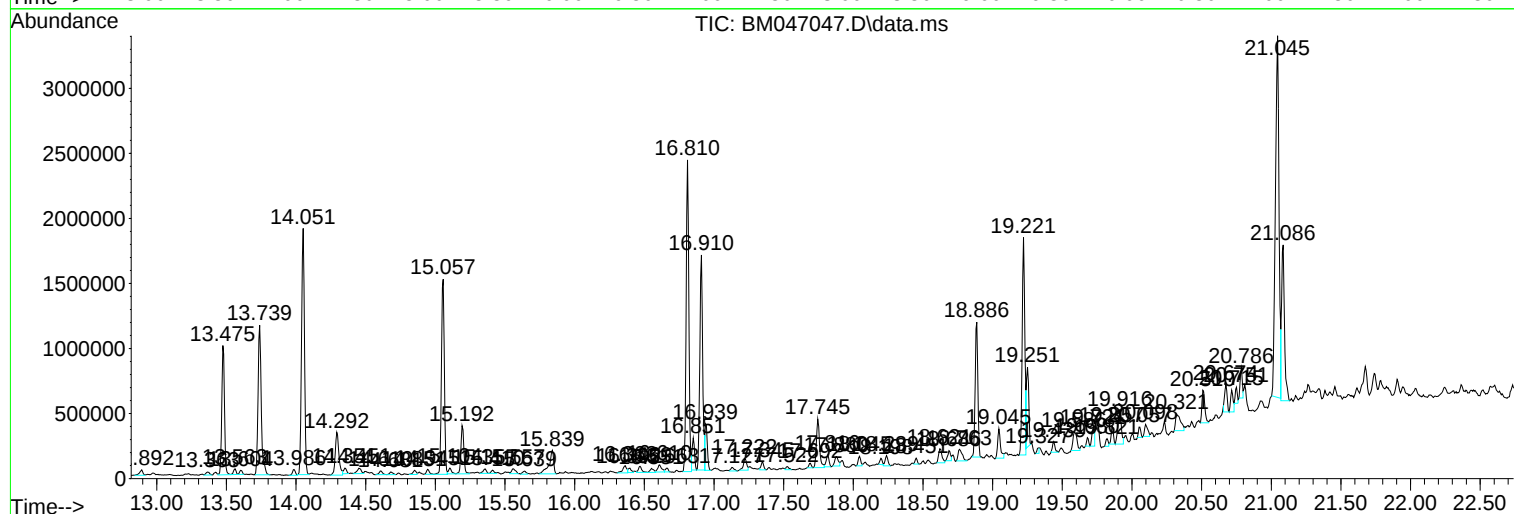
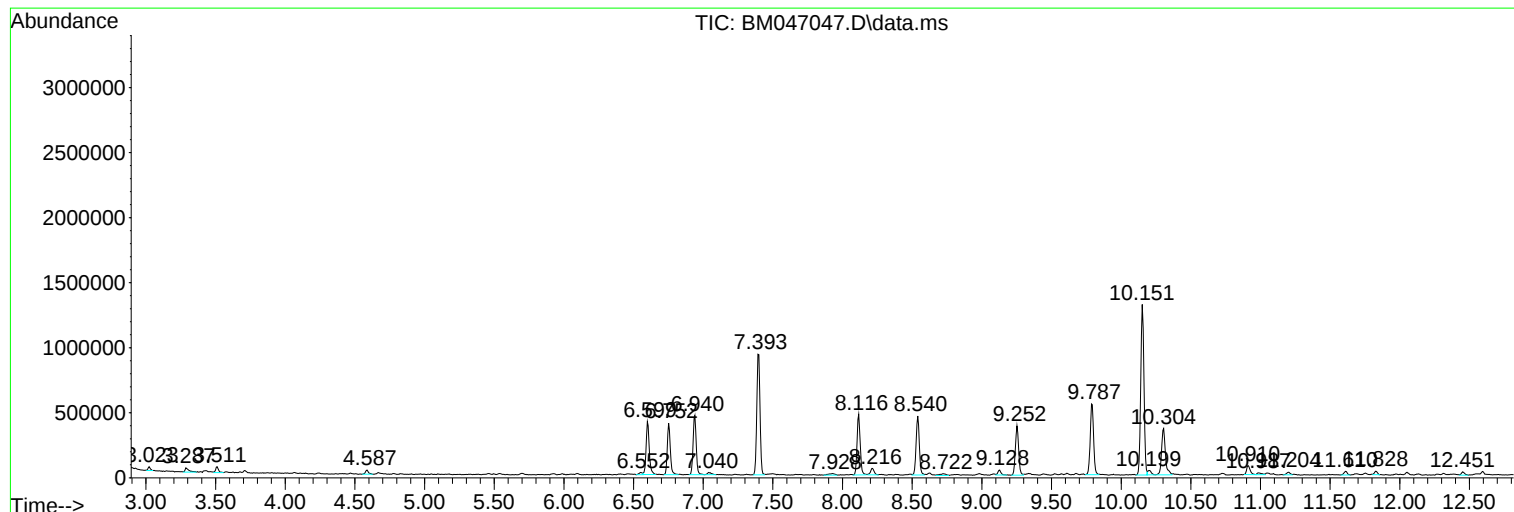
Sum of corrected areas: 51261889

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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



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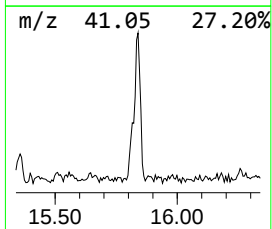
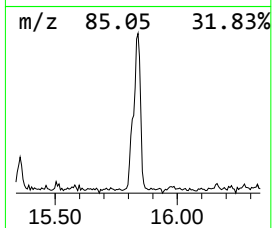
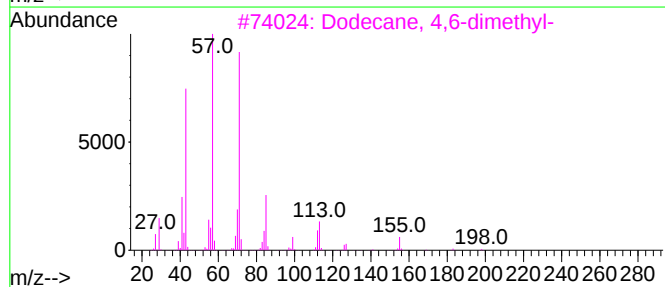
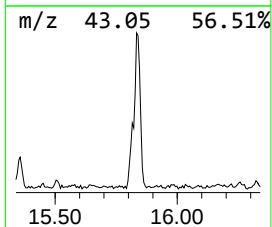
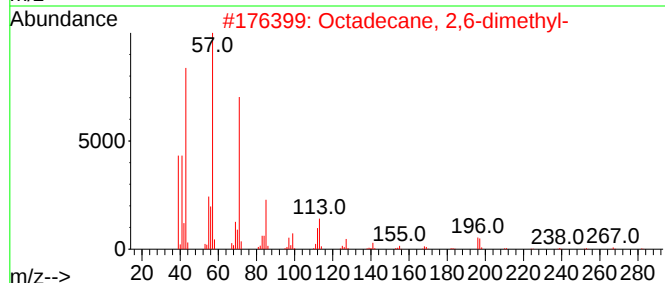
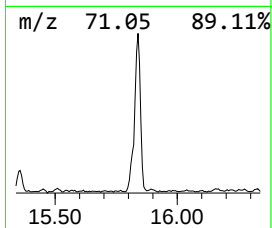
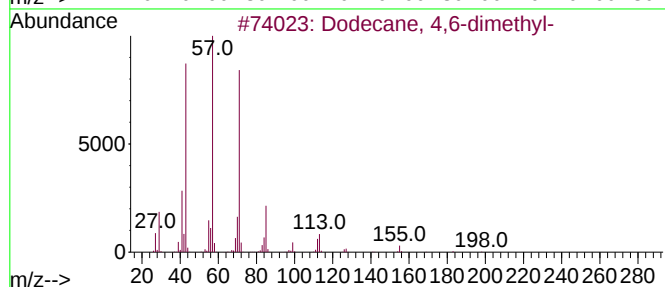
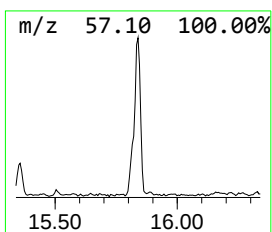
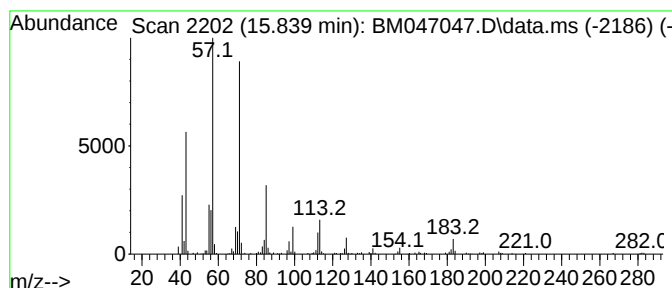
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.839	2.53 ng/ul	416741	Phenanthrene-d10		16.810	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	86
2	Octadecane, 2,6-dimethyl-		282	C20H42	075163-97-2	83
3	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	83
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
5	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	78



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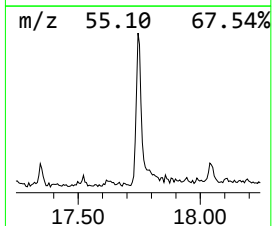
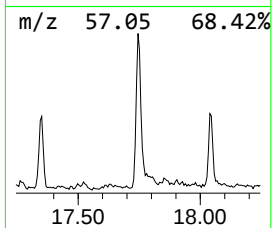
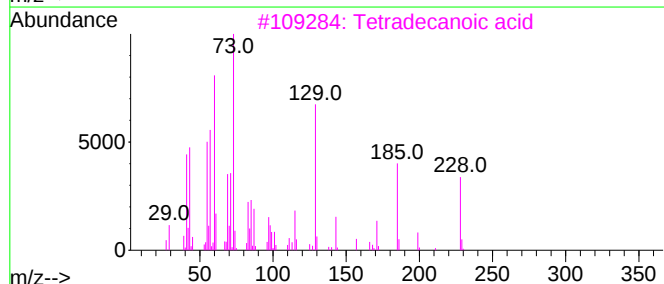
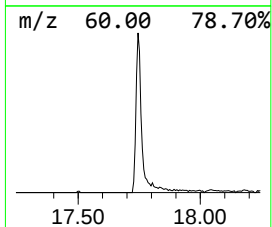
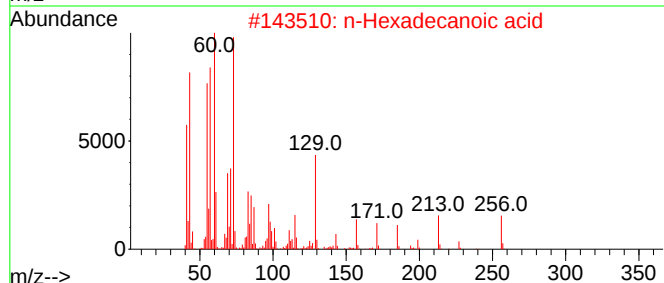
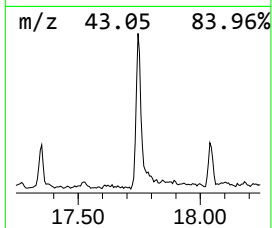
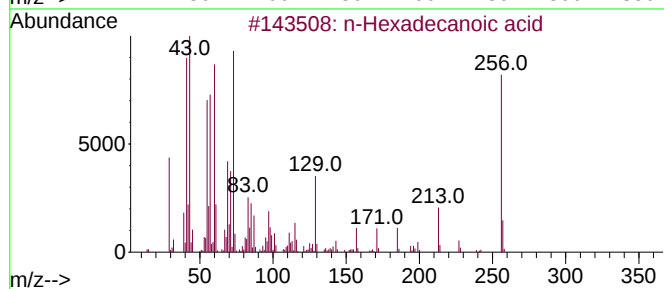
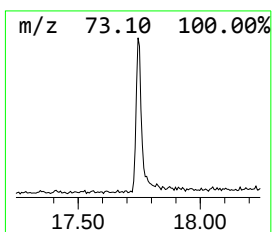
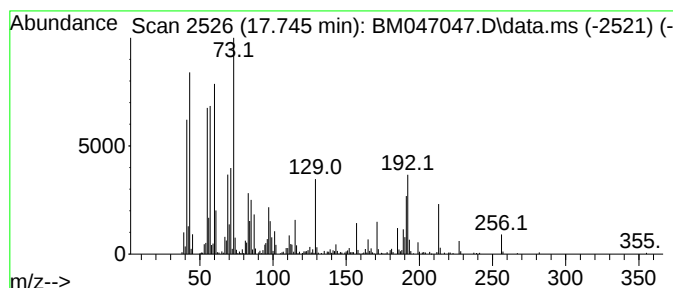
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	3.49 ng/ul	574622	Phenanthrene-d10	16.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	15.839	2.5	ng/ul	416741	4	16.810	3291580	20.0
n-Hexadecanoic ...	17.745	3.5	ng/ul	574622	4	16.810	3291580	20.0