

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112818\
 Data File : BM017771.D
 Acq On : 28 Nov 2018 13:53
 Operator : JU/SJ
 Sample : J5945-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOA1

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-BM111918MA.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	3.187	30	34	42	rVB	37639	52066	1.06%	0.107%
2	3.881	148	152	156	rBV5	3669	5715	0.12%	0.012%
3	6.775	638	644	659	rBV	628329	1169122	23.81%	2.409%
4	6.940	666	672	689	rVB	538272	864644	17.61%	1.782%
5	7.128	696	704	719	rVB	706380	1170614	23.84%	2.412%
6	7.245	719	724	726	rBV3	6473	9272	0.19%	0.019%
7	7.592	776	783	791	rBV	534147	872469	17.77%	1.798%
8	7.675	793	797	803	rVB4	4246	7272	0.15%	0.015%
9	8.298	897	903	919	rBV	805059	1428966	29.10%	2.945%
10	8.745	970	979	987	rBV	710373	1172002	23.87%	2.415%
11	8.869	996	1000	1006	rBV4	7822	11917	0.24%	0.025%
12	9.134	1041	1045	1051	rVB4	11327	17267	0.35%	0.036%
13	9.457	1094	1100	1111	rBV	584782	1020778	20.79%	2.103%
14	9.992	1184	1191	1199	rBV	758683	1401270	28.53%	2.887%
15	10.357	1246	1253	1262	rBV	777579	1297700	26.43%	2.674%
16	10.510	1273	1279	1305	rBV	615359	1458827	29.71%	3.006%
17	12.004	1528	1533	1538	rBV4	7468	14348	0.29%	0.030%
18	13.657	1807	1814	1819	rBV	1639560	2374603	48.36%	4.893%
19	13.704	1819	1822	1839	rVB	405579	636416	12.96%	1.311%
20	13.927	1853	1860	1874	rBV	1850393	2783403	56.68%	5.736%
21	14.145	1893	1897	1905	rVB4	20436	29632	0.60%	0.061%
22	14.239	1905	1913	1925	rBV2	1129929	1859341	37.86%	3.831%
23	14.469	1945	1952	1969	rBV	396770	966468	19.68%	1.992%
24	14.645	1979	1982	1987	rVB6	8770	12432	0.25%	0.026%
25	14.698	1987	1991	1999	rVB4	9915	19741	0.40%	0.041%
26	14.768	1999	2003	2010	rVB5	12640	19154	0.39%	0.039%
27	15.051	2046	2051	2054	rBV2	13619	20289	0.41%	0.042%
28	15.104	2054	2060	2066	rVB2	60424	81805	1.67%	0.169%
29	15.157	2066	2069	2073	rBV5	4255	6753	0.14%	0.014%
30	15.239	2076	2083	2094	rBV	2406140	3530075	71.89%	7.274%
31	15.374	2100	2106	2118	rBV	709688	1125881	22.93%	2.320%
32	15.480	2121	2124	2133	rVV6	34093	76675	1.56%	0.158%
33	15.604	2141	2145	2148	rVB4	4709	6011	0.12%	0.012%
34	15.663	2152	2155	2160	rVB5	9518	12882	0.26%	0.027%

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35	15.727	2160	2166	2170	rBV7	5018	8403	0.17%	0.017%
36	15.968	2202	2207	2215	rBV	65055	100375	2.04%	0.207%
37	16.315	2261	2266	2269	rBV8	6047	11920	0.24%	0.025%
38	16.374	2273	2276	2279	rVB3	6116	7349	0.15%	0.015%
39	16.433	2282	2286	2289	rBV4	7190	10643	0.22%	0.022%
40	16.768	2339	2343	2348	rBV3	27701	46685	0.95%	0.096%
41	16.992	2375	2381	2391	rBV	1603630	2273091	46.29%	4.684%
42	17.092	2392	2398	2416	rVV	2602645	3860712	78.62%	7.955%
43	17.239	2421	2423	2428	rVB3	4014	6263	0.13%	0.013%
44	17.409	2446	2452	2458	rBV7	8967	19950	0.41%	0.041%
45	17.504	2464	2468	2472	rBV3	11375	16622	0.34%	0.034%
46	17.780	2510	2515	2520	rBV6	5238	10937	0.22%	0.023%
47	17.904	2531	2536	2547	rBV	181986	335496	6.83%	0.691%
48	18.192	2582	2585	2588	rBV5	9553	10424	0.21%	0.021%
49	18.774	2680	2684	2691	rBV7	22362	43556	0.89%	0.090%
50	19.033	2724	2728	2732	rBV2	31091	49541	1.01%	0.102%
51	19.192	2751	2755	2764	rBV2	83417	136353	2.78%	0.281%
52	19.280	2767	2770	2775	rVV2	22676	29727	0.61%	0.061%
53	19.398	2783	2790	2801	rBV	3194383	4581174	93.29%	9.440%
54	19.756	2847	2851	2854	rBV3	17580	24436	0.50%	0.050%
55	19.792	2854	2857	2863	rVB	30120	38473	0.78%	0.079%
56	20.733	3014	3017	3020	rBV3	32386	40784	0.83%	0.084%
57	20.768	3020	3023	3026	rVV3	37352	41337	0.84%	0.085%
58	20.921	3045	3049	3056	rBV3	120847	206237	4.20%	0.425%
59	21.197	3091	3096	3111	rBV	2039009	2852726	58.09%	5.878%
60	21.356	3121	3123	3127	rBV4	33511	36860	0.75%	0.076%
61	22.239	3270	3273	3277	rVB2	90981	102280	2.08%	0.211%
62	22.727	3352	3356	3362	rVB	155769	204512	4.16%	0.421%
63	23.244	3437	3444	3460	rBV	2540273	4910713	100.00%	10.119%
64	23.386	3461	3468	3478	rVB	1383963	2669671	54.36%	5.501%
65	23.891	3551	3554	3561	rVB2	179357	306207	6.24%	0.631%

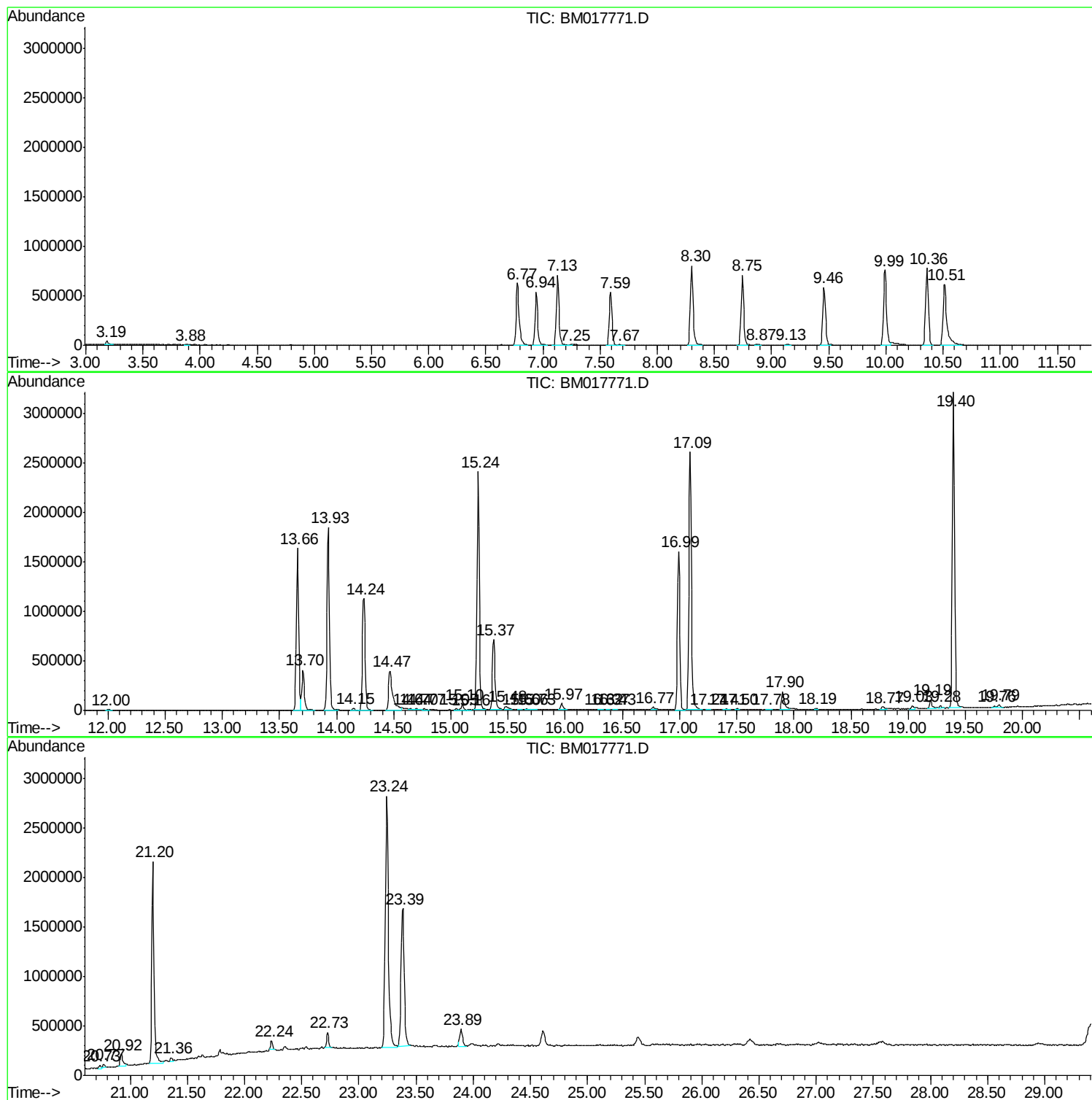
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 6 Sample Multiplier: 1

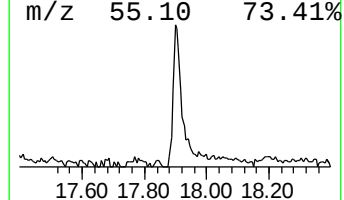
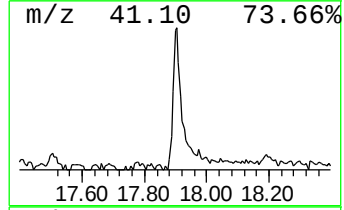
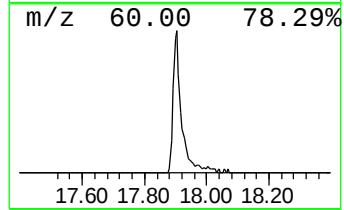
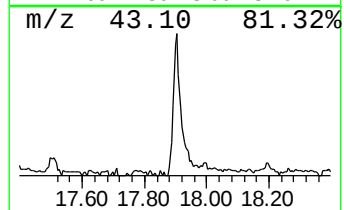
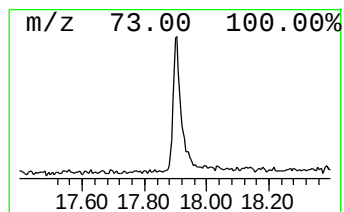
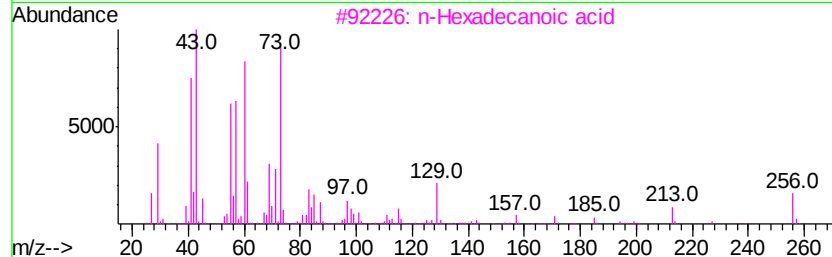
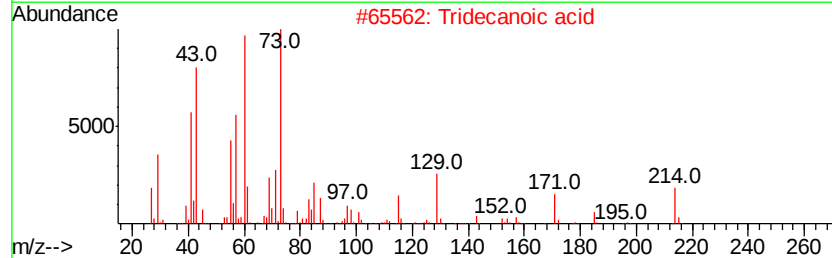
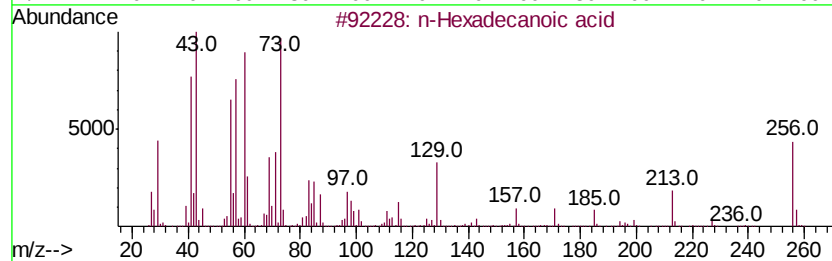
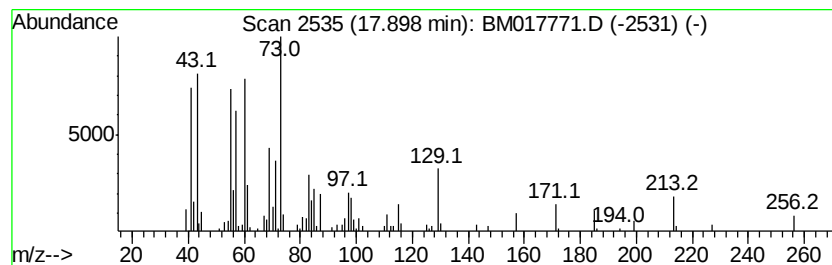
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	2.95 ng/ul	335496	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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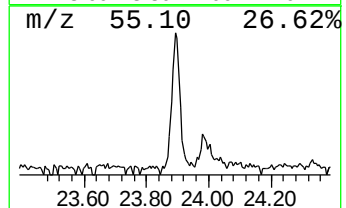
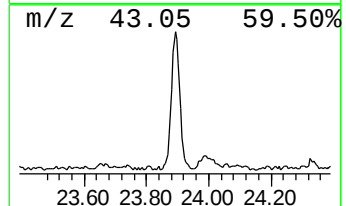
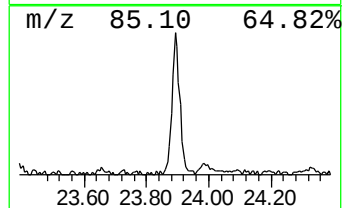
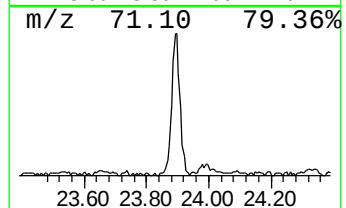
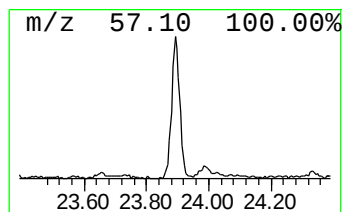
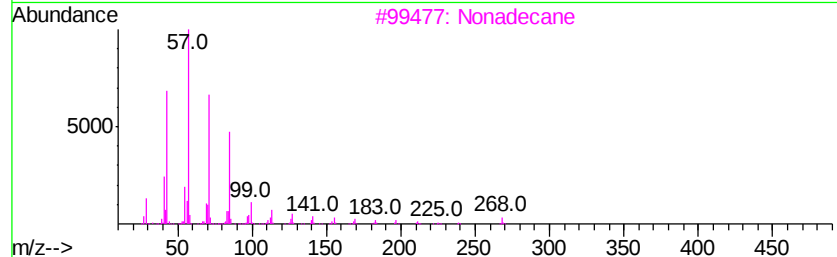
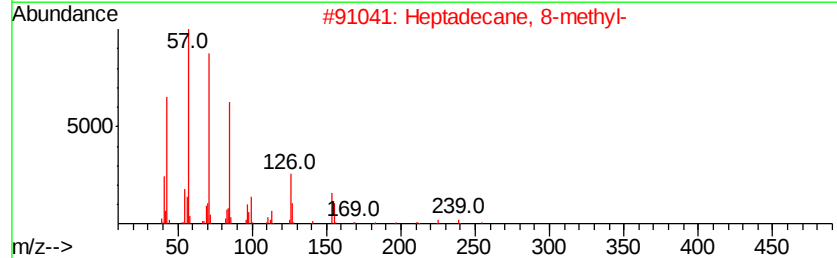
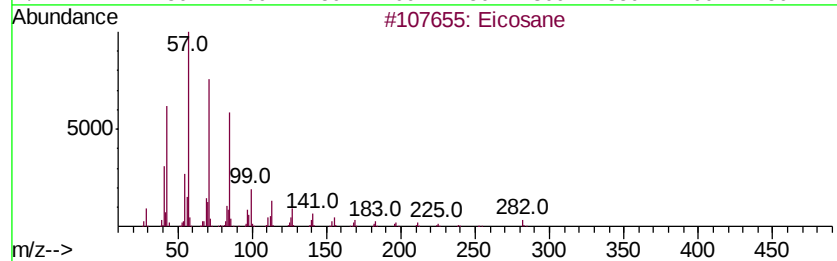
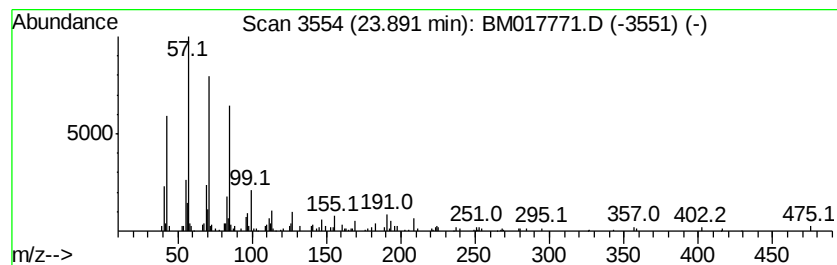
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.89	2.29 ng/ul	306207	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	3.0	ng/ul	335496	4	16.99	2273090	20.0
(DEL) Alkane: Str...	23.89	2.3	ng/ul	306207	6	23.39	2669670	20.0