

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
 Data File : BM017494.D
 Acq On : 02 Nov 2018 13:35
 Operator : MJ/SJ
 Sample : J5701-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40J3

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-BM102418MA.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	3.216	36	39	44	rVB	24070	34503	0.74%	0.061%
2	3.499	84	87	91	rBV	12557	17352	0.37%	0.031%
3	3.710	120	123	128	rVB2	29105	38162	0.82%	0.068%
4	3.822	138	142	149	rVB	30096	47076	1.01%	0.083%
5	4.363	233	234	241	rVB4	8295	10220	0.22%	0.018%
6	4.822	304	312	316	rBV2	25781	54769	1.18%	0.097%
7	5.769	470	473	478	rBV5	6093	10911	0.23%	0.019%
8	6.693	625	630	634	rVB5	2784	5514	0.12%	0.010%
9	6.822	645	652	672	rVV2	569649	1237515	26.64%	2.191%
10	6.987	674	680	693	rVB	467733	741225	15.95%	1.312%
11	7.175	705	712	721	rBV	621461	982082	21.14%	1.739%
12	7.251	723	725	731	rVB5	4641	8380	0.18%	0.015%
13	7.640	783	791	799	rVV	838558	1392154	29.96%	2.465%
14	7.710	799	803	809	rVB2	16583	27453	0.59%	0.049%
15	8.345	904	911	929	rBV	613820	1062863	22.88%	1.882%
16	8.792	979	987	1001	rVV	561976	981262	21.12%	1.737%
17	9.192	1049	1055	1060	rBV3	13648	21527	0.46%	0.038%
18	9.504	1101	1108	1118	rBV	458216	808000	17.39%	1.431%
19	9.610	1124	1126	1132	rVB3	3057	5795	0.12%	0.010%
20	10.039	1192	1199	1216	rBV	611351	1184701	25.50%	2.098%
21	10.410	1253	1262	1274	rBV	1302350	2141976	46.10%	3.792%
22	10.557	1279	1287	1307	rBV	451039	1027476	22.12%	1.819%
23	11.192	1391	1395	1398	rBV5	5506	9319	0.20%	0.016%
24	11.845	1500	1506	1510	rVB5	3058	5451	0.12%	0.010%
25	11.969	1523	1527	1530	rBV2	6529	8172	0.18%	0.014%
26	12.016	1530	1535	1541	rVB3	10887	18453	0.40%	0.033%
27	12.627	1632	1639	1642	rBV4	4735	6535	0.14%	0.012%
28	12.886	1679	1683	1686	rVB5	6489	8059	0.17%	0.014%
29	13.104	1714	1720	1723	rBV5	3276	5784	0.12%	0.010%
30	13.245	1741	1744	1749	rBV4	3723	5545	0.12%	0.010%
31	13.698	1814	1821	1826	rBV	1308811	1910899	41.13%	3.383%
32	13.745	1826	1829	1850	rVB	522001	773151	16.64%	1.369%
33	13.969	1857	1867	1883	rBV	1469688	2329213	50.13%	4.124%
34	14.186	1900	1904	1907	rVB3	6426	7333	0.16%	0.013%

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35	14.280	1913	1920	1935	rBV2	1876355	2931741	63.10%	5.191%
36	14.521	1953	1961	1985	rBV2	185412	643454	13.85%	1.139%
37	14.727	1991	1996	2007	rVB4	37637	78052	1.68%	0.138%
38	15.092	2055	2058	2061	rBV2	5256	7810	0.17%	0.014%
39	15.145	2065	2067	2073	rVB4	10079	12012	0.26%	0.021%
40	15.280	2083	2090	2107	rBV	2031593	3099404	66.71%	5.488%
41	15.410	2107	2112	2126	rVV	476880	785686	16.91%	1.391%
42	15.521	2127	2131	2138	rVV5	30320	55642	1.20%	0.099%
43	15.568	2138	2139	2145	rVB5	6111	8256	0.18%	0.015%
44	15.704	2159	2162	2167	rVB6	3908	6806	0.15%	0.012%
45	15.768	2171	2173	2176	rVB3	5771	5974	0.13%	0.011%
46	15.845	2182	2186	2187	rBV4	6031	7278	0.16%	0.013%
47	16.010	2210	2214	2221	rBV4	14822	24754	0.53%	0.044%
48	16.063	2221	2223	2229	rVB5	3140	5058	0.11%	0.009%
49	16.180	2239	2243	2244	rBV3	5038	6009	0.13%	0.011%
50	16.233	2250	2252	2257	rBV4	4423	7300	0.16%	0.013%
51	16.321	2263	2267	2269	rBV4	5869	8525	0.18%	0.015%
52	16.351	2269	2272	2274	rVB4	4426	6075	0.13%	0.011%
53	16.451	2285	2289	2295	rBV5	27192	37265	0.80%	0.066%
54	16.592	2309	2313	2315	rBV4	5018	4720	0.10%	0.008%
55	16.810	2345	2350	2357	rBV6	16651	42466	0.91%	0.075%
56	16.939	2369	2372	2375	rBV4	13257	19088	0.41%	0.034%
57	17.033	2381	2388	2399	rBV2	2505736	3738954	80.48%	6.620%
58	17.133	2399	2405	2416	rVV	2238698	3340390	71.90%	5.914%
59	17.215	2416	2419	2427	rVB9	28037	49267	1.06%	0.087%
60	17.327	2436	2438	2442	rVB5	8061	8728	0.19%	0.015%
61	17.427	2450	2455	2465	rBV2	92961	148151	3.19%	0.262%
62	17.545	2470	2475	2480	rBV7	13281	26051	0.56%	0.046%
63	17.639	2488	2491	2496	rVB6	9172	14656	0.32%	0.026%
64	17.692	2496	2500	2501	rBV4	4995	6843	0.15%	0.012%
65	17.709	2501	2503	2507	rVB5	9171	10606	0.23%	0.019%
66	17.815	2516	2521	2528	rVV2	52544	103996	2.24%	0.184%
67	17.880	2528	2532	2536	rVV	175483	236347	5.09%	0.418%
68	17.939	2538	2542	2551	rVV	684216	1014869	21.84%	1.797%
69	18.009	2552	2554	2561	rVB	47377	71027	1.53%	0.126%
70	18.109	2567	2571	2578	rVB7	43366	65412	1.41%	0.116%
71	18.168	2578	2581	2586	rVB7	21360	30063	0.65%	0.053%

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72	18.233	2590	2592	2596	rVB4	13949	17282	0.37%	0.031%
73	18.368	2612	2615	2622	rBV2	99418	129905	2.80%	0.230%
74	18.439	2625	2627	2630	rVB4	11586	12292	0.26%	0.022%
75	18.533	2641	2643	2646	rBV4	7997	6885	0.15%	0.012%
76	18.568	2646	2649	2653	rVB6	17351	24583	0.53%	0.044%
77	18.615	2655	2657	2660	rBV3	8524	11769	0.25%	0.021%
78	18.809	2686	2690	2692	rBV5	12531	18982	0.41%	0.034%
79	18.874	2698	2701	2703	rBV4	12514	16658	0.36%	0.029%
80	18.980	2715	2719	2724	rBV6	15055	25097	0.54%	0.044%
81	19.104	2731	2740	2743	rBV3	160617	345327	7.43%	0.611%
82	19.133	2743	2745	2752	rVB4	82644	105968	2.28%	0.188%
83	19.227	2757	2761	2772	rVV2	219144	341099	7.34%	0.604%
84	19.321	2774	2777	2782	rVB3	28802	45383	0.98%	0.080%
85	19.433	2790	2796	2805	rBV	2853533	4172232	89.80%	7.387%
86	20.950	3050	3054	3061	rBV	435043	622290	13.39%	1.102%
87	21.156	3085	3089	3094	rBV	254616	297537	6.40%	0.527%
88	21.233	3096	3102	3112	rBV	3266969	4646007	100.00%	8.226%
89	21.392	3127	3129	3133	rVB	113817	109459	2.36%	0.194%
90	21.821	3199	3202	3212	rBV2	179016	349463	7.52%	0.619%
91	22.274	3276	3279	3284	rBV	300613	352444	7.59%	0.624%
92	22.403	3297	3301	3310	rVB	440314	613001	13.19%	1.085%
93	22.774	3360	3364	3369	rVB	457171	618852	13.32%	1.096%
94	23.297	3447	3453	3466	rVB	1859380	4268899	91.88%	7.558%
95	23.433	3470	3476	3493	rVB	2048554	4020893	86.55%	7.119%
96	23.956	3561	3565	3573	rVB	539751	947176	20.39%	1.677%
97	24.680	3685	3688	3695	rVB2	384889	762996	16.42%	1.351%

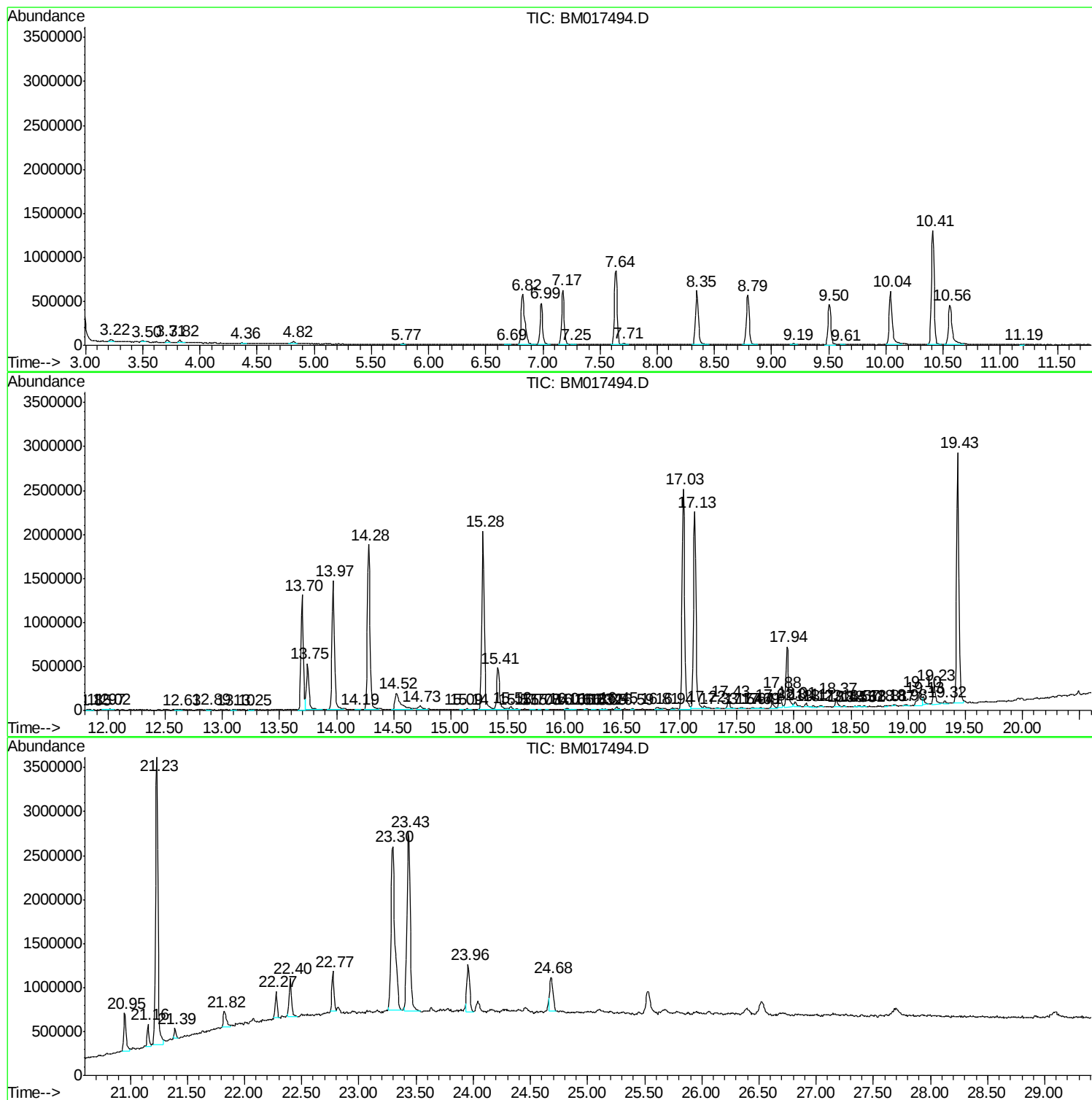
Sum of corrected areas: 56480044

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



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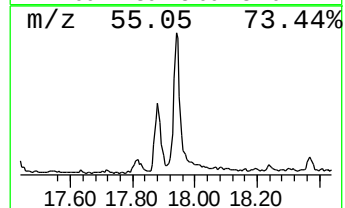
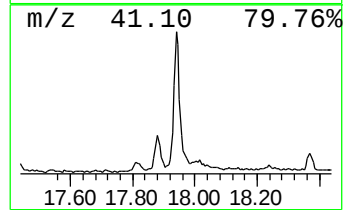
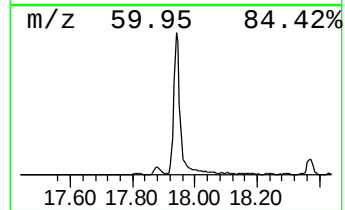
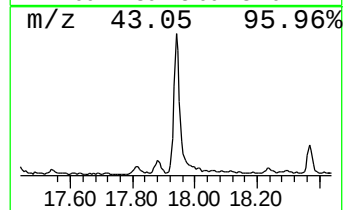
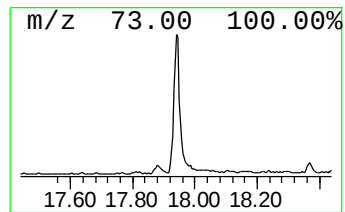
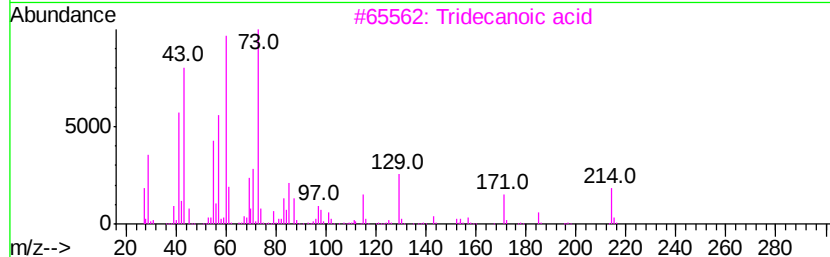
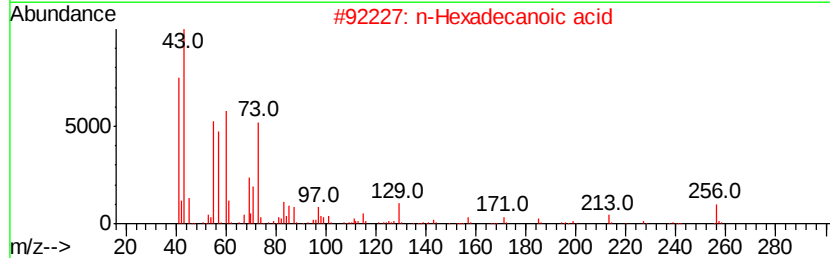
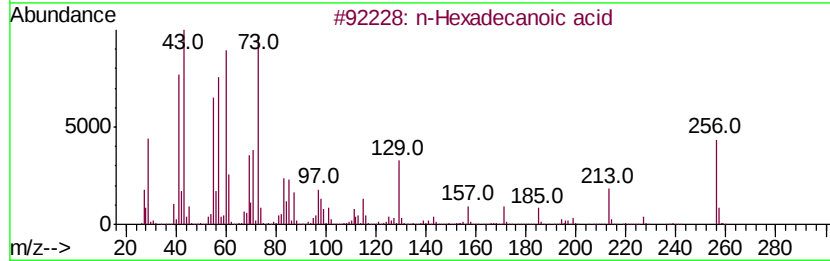
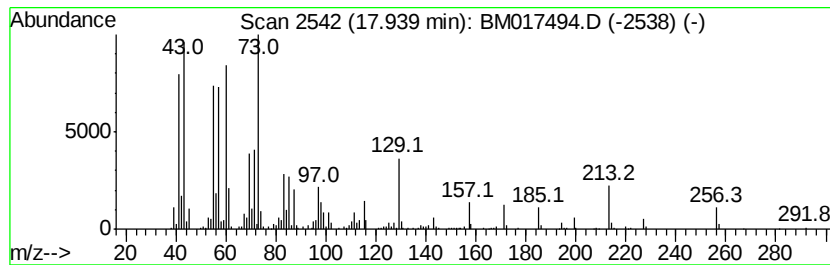
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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.	
17.94	5.43 ng/ul	1014870	Phenanthrene-d10		17.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
5	Tridecanoic acid		214	C13H26O2	000638-53-9	91



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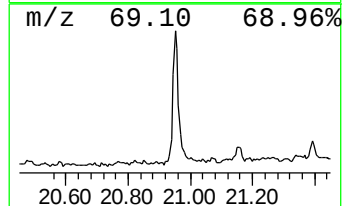
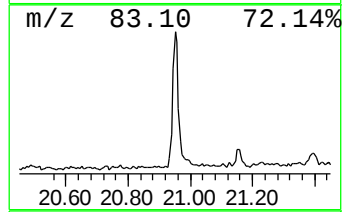
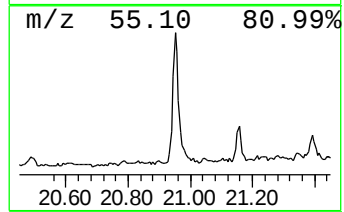
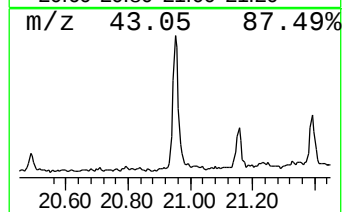
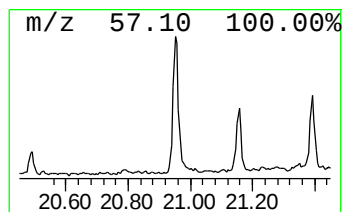
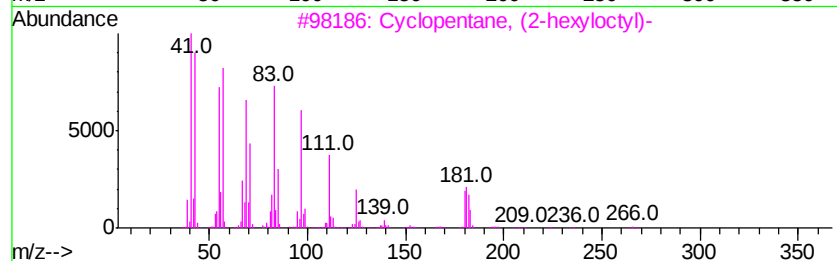
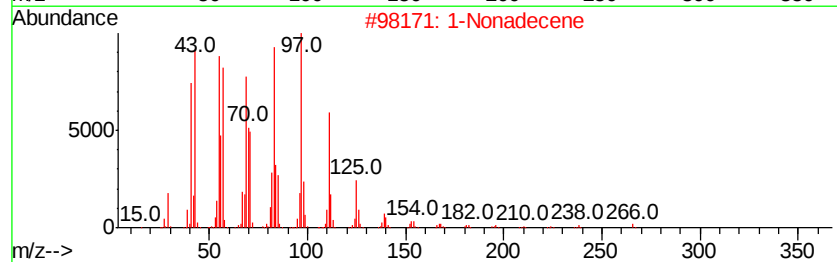
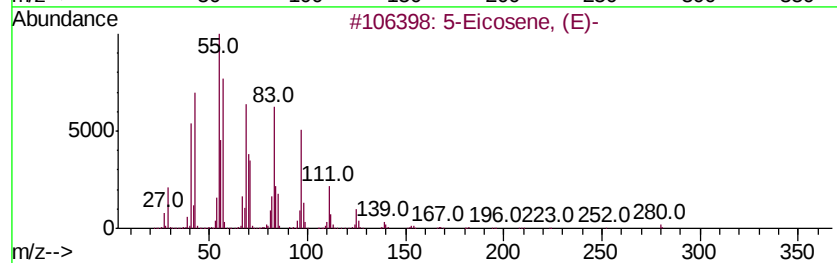
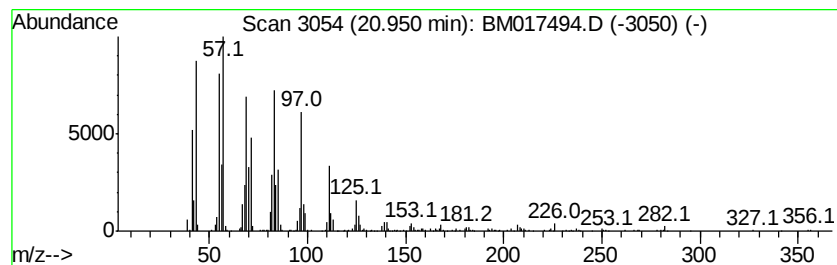
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.68 ng/ul	622290	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			1-Nonadecene	266	C19H38	018435-45-5	97
3			Cyclopentane, (2-hexyloctyl)-	266	C19H38	055044-77-4	91
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



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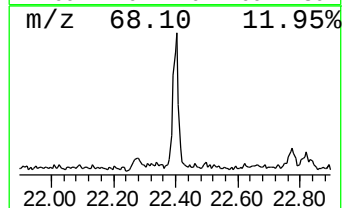
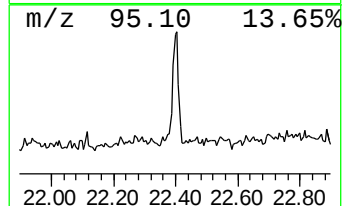
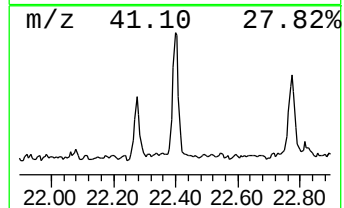
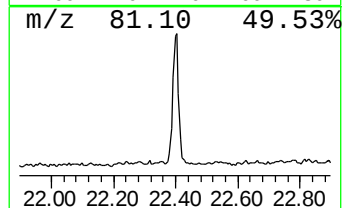
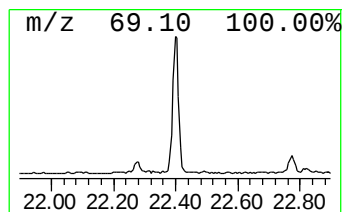
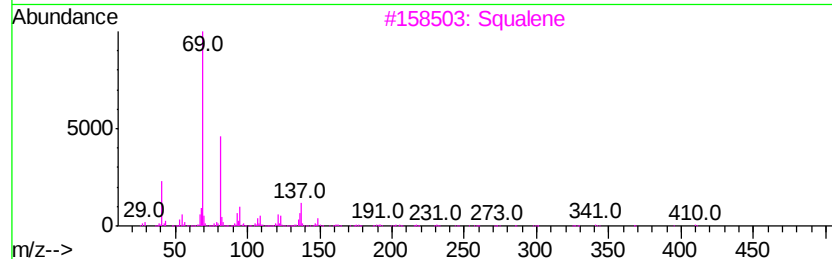
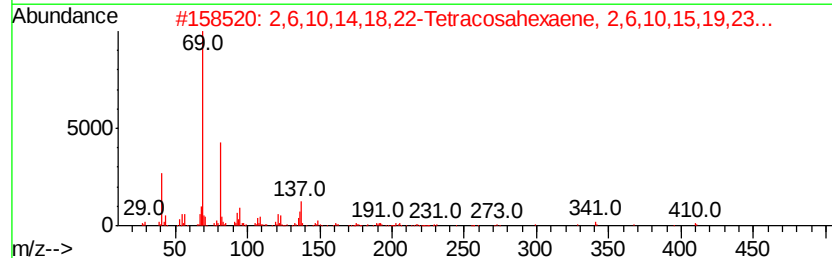
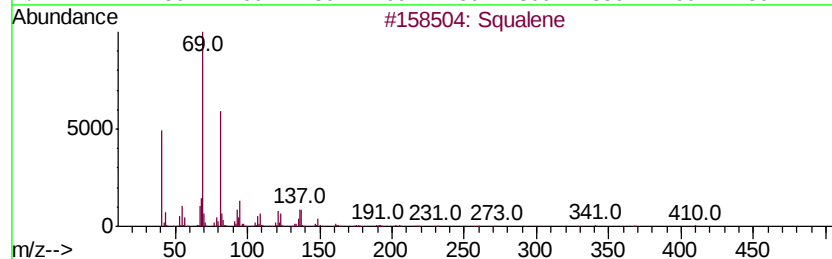
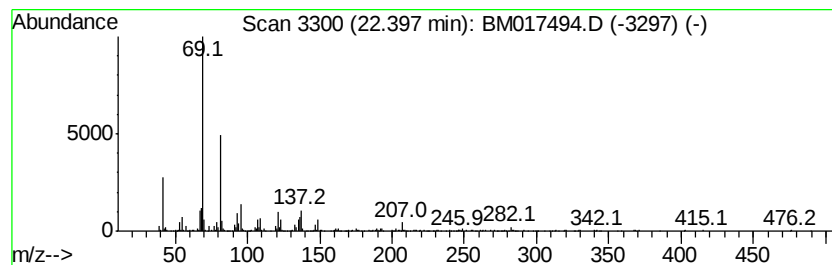
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Peak Number 3 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.05 ng/ul	613001	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 87
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 83
3	Squalene		410 C30H50	007683-64-9 83
4	1,5,9-Undecatriene, 2,6,10-trime...		192 C14H24	062951-96-6 81
5	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 80



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Acq On : 02 Nov 2018 13:35
Operator : MJ/SJ
Sample : J5701-17
Misc :
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ClientSampleId :
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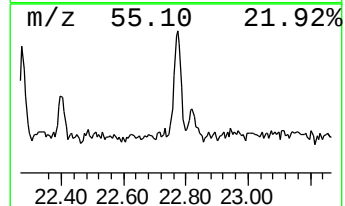
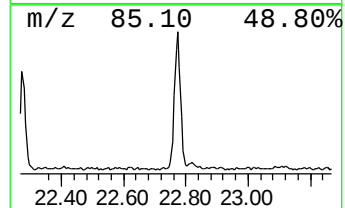
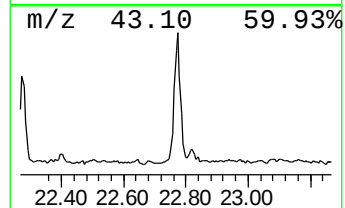
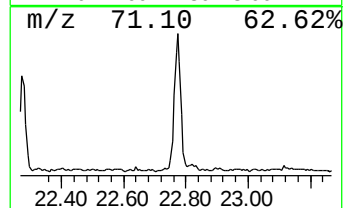
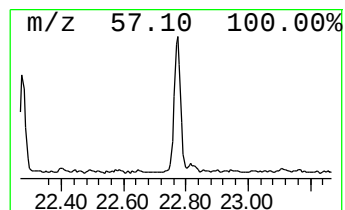
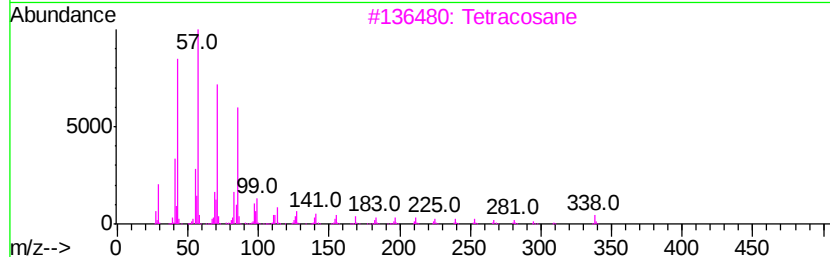
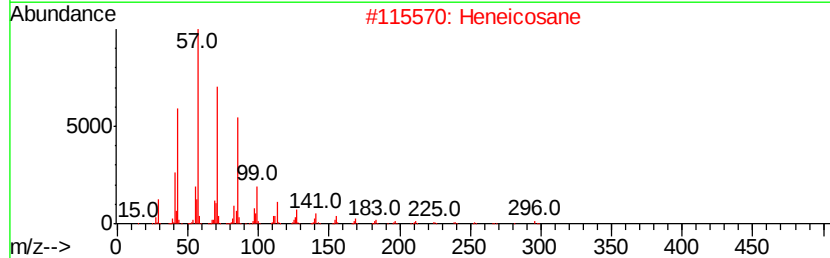
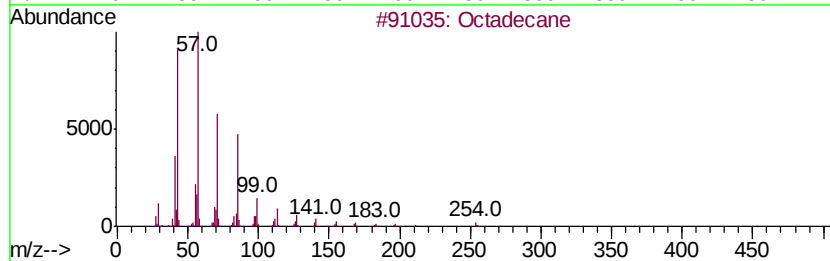
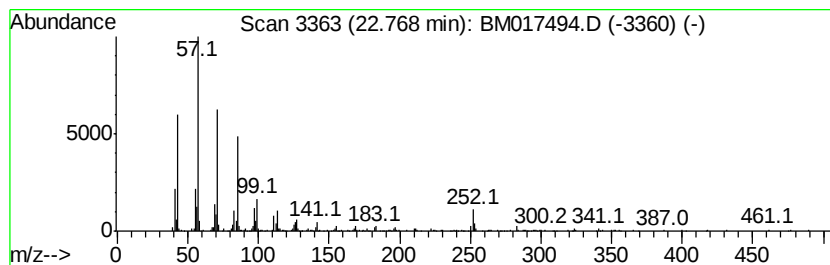
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	3.08 ng/ul	618852	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane	338	C24H50	000646-31-1	83
4		Eicosane	282	C20H42	000112-95-8	83
5		triacontane	422	C30H62	000638-68-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017494.D
Acq On : 02 Nov 2018 13:35
Operator : MJ/SJ
Sample : J5701-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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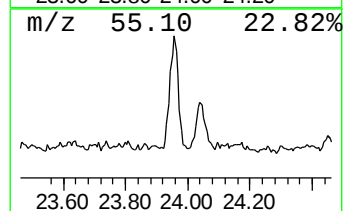
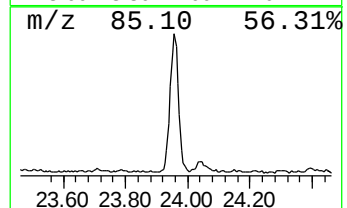
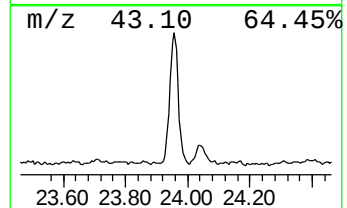
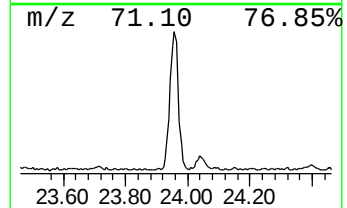
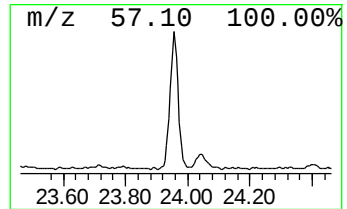
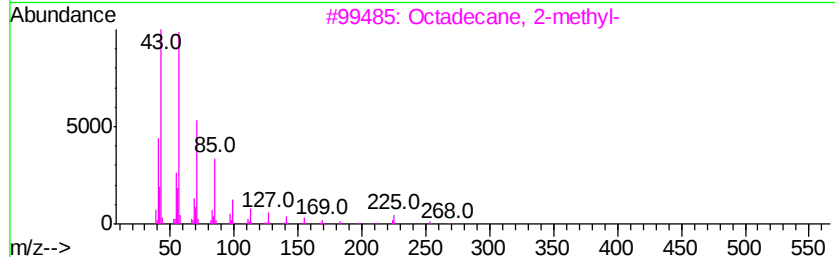
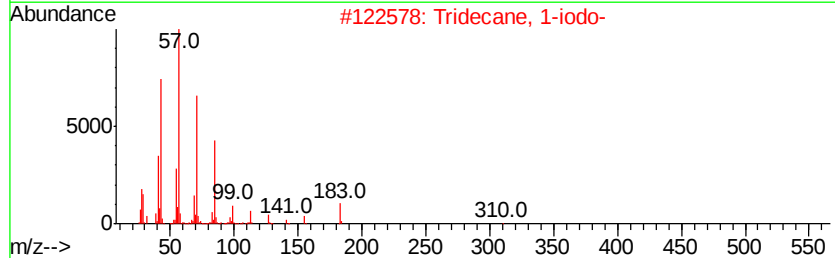
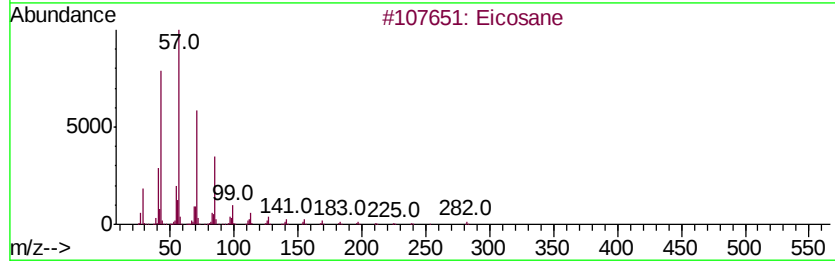
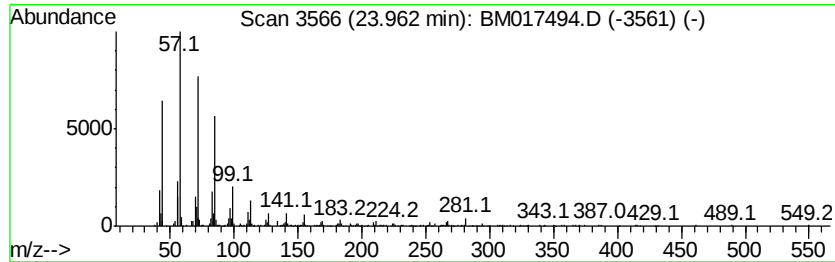
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	4.71 ng/ul	947176	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017494.D
Acq On : 02 Nov 2018 13:35
Operator : MJ/SJ
Sample : J5701-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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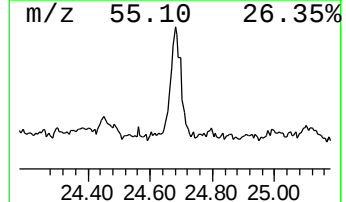
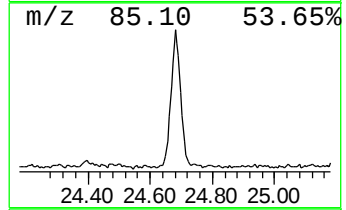
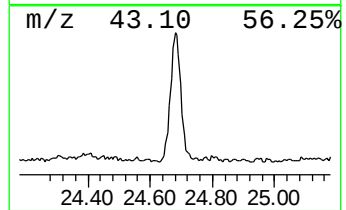
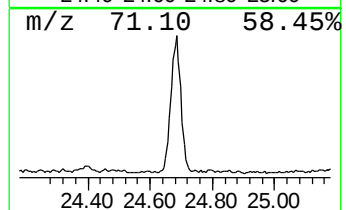
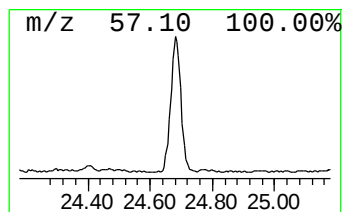
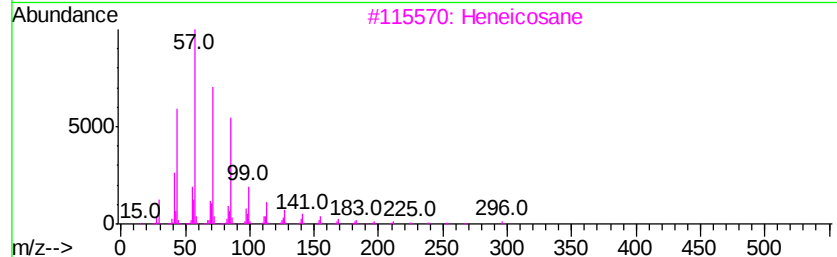
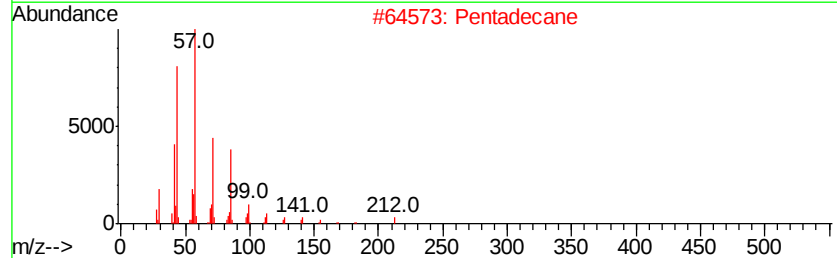
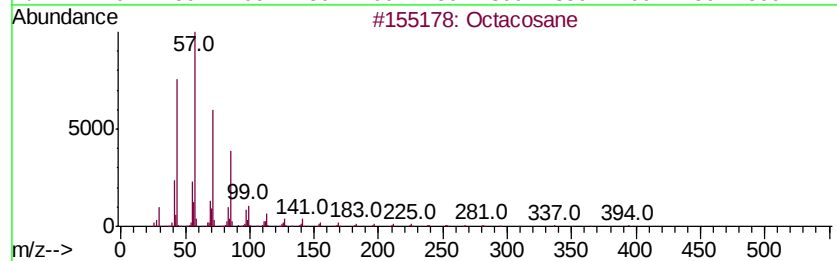
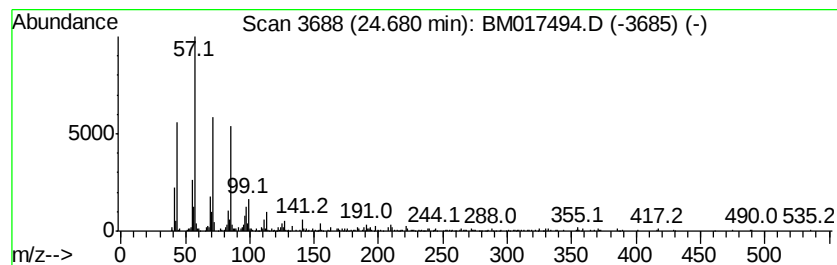
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	3.80 ng/ul	762996	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Pentadecane	212	C15H32	000629-62-9	87
3			Heneicosane	296	C21H44	000629-94-7	87
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\
Data File : BM017494.D
Acq On : 02 Nov 2018 13:35
Operator : MJ/SJ
Sample : J5701-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40J3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.94	5.4	ng/ul	1014870	4	17.03	3738950	20.0
(DEL) Alkane: Cyc...	20.95	2.7	ng/ul	622290	5	21.23	4646010	20.0
Squalene	22.40	3.0	ng/ul	613001	6	23.43	4020890	20.0
(DEL) Alkane: Str...	22.77	3.1	ng/ul	618852	6	23.43	4020890	20.0
(DEL) Alkane: Str...	23.96	4.7	ng/ul	947176	6	23.43	4020890	20.0
(DEL) Alkane: Str...	24.68	3.8	ng/ul	762996	6	23.43	4020890	20.0