

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM018002.D
 Acq On : 07 Dec 2018 16:35
 Operator : JU/SJ
 Sample : J6077-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y42

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	3.164	27	30	36	rVV	30282	42923	1.29%	0.125%
2	3.446	74	78	82	rVV3	10113	19097	0.58%	0.055%
3	4.552	261	266	271	rBV4	5161	8043	0.24%	0.023%
4	4.752	298	300	305	rBV4	6218	7476	0.23%	0.022%
5	4.805	305	309	310	rBV2	5715	6292	0.19%	0.018%
6	5.540	430	434	438	rBV4	5190	8165	0.25%	0.024%
7	5.840	477	485	486	rVV4	4777	7537	0.23%	0.022%
8	5.852	486	487	493	rVV4	4965	6068	0.18%	0.018%
9	6.052	515	521	522	rBV3	5796	7982	0.24%	0.023%
10	6.075	522	525	530	rVV5	7931	10184	0.31%	0.030%
11	6.122	530	533	539	rVV3	10758	17602	0.53%	0.051%
12	6.199	542	546	548	rBV5	7175	11066	0.33%	0.032%
13	6.234	548	552	556	rVB2	11780	19316	0.58%	0.056%
14	6.693	626	630	633	rBV3	12736	17788	0.54%	0.052%
15	6.746	633	639	656	rVV2	464671	1002032	30.19%	2.908%
16	6.910	659	667	679	rVV	421423	681719	20.54%	1.978%
17	7.010	680	684	686	rVV3	5976	8597	0.26%	0.025%
18	7.034	686	688	692	rVV5	5704	8368	0.25%	0.024%
19	7.093	692	698	710	rVB	567983	952127	28.69%	2.763%
20	7.452	754	759	760	rBV3	4570	7460	0.22%	0.022%
21	7.557	770	777	785	rVV	446119	742956	22.39%	2.156%
22	7.722	799	805	810	rBV6	4507	10883	0.33%	0.032%
23	7.828	815	823	826	rBV6	7031	16590	0.50%	0.048%
24	7.981	841	849	852	rBV6	3836	6344	0.19%	0.018%
25	8.087	864	867	872	rVB5	5687	8951	0.27%	0.026%
26	8.269	887	898	910	rBV	588215	1093200	32.94%	3.172%
27	8.604	948	955	957	rBV6	6973	10955	0.33%	0.032%
28	8.640	957	961	966	rVB5	10651	20413	0.62%	0.059%
29	8.710	966	973	984	rBV	502049	854809	25.76%	2.480%
30	8.851	991	997	998	rBV4	5202	6635	0.20%	0.019%
31	8.881	1001	1002	1008	rVB4	8346	8560	0.26%	0.025%
32	9.093	1035	1038	1042	rBV3	5403	7722	0.23%	0.022%
33	9.175	1047	1052	1055	rVV6	4077	7170	0.22%	0.021%
34	9.240	1057	1063	1067	rVV7	8388	14026	0.42%	0.041%

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35	9.422	1087	1094	1103	rBV	400573	735178	22.15%	2.133%
36	9.734	1140	1147	1150	rBV3	11204	20278	0.61%	0.059%
37	9.957	1177	1185	1205	rVV	547951	1094805	32.99%	3.177%
38	10.098	1208	1209	1215	rVB6	7522	7512	0.23%	0.022%
39	10.322	1240	1247	1261	rVB	584739	1022497	30.81%	2.967%
40	10.434	1261	1266	1267	rBV4	6380	7118	0.21%	0.021%
41	10.481	1267	1274	1291	rBV	407453	940724	28.35%	2.730%
42	10.798	1324	1328	1329	rBV3	6131	7146	0.22%	0.021%
43	10.987	1355	1360	1364	rVV3	6465	14076	0.42%	0.041%
44	11.163	1384	1390	1391	rBV2	5350	8160	0.25%	0.024%
45	11.345	1417	1421	1427	rVV5	19431	35333	1.06%	0.103%
46	11.493	1443	1446	1452	rVB4	4388	6465	0.19%	0.019%
47	11.592	1457	1463	1469	rBV6	9125	15419	0.46%	0.045%
48	11.675	1475	1477	1483	rVB2	5175	5998	0.18%	0.017%
49	11.745	1483	1489	1492	rBV4	6259	13456	0.41%	0.039%
50	11.887	1509	1513	1518	rVB5	5361	10071	0.30%	0.029%
51	11.951	1518	1524	1525	rBV4	7673	13376	0.40%	0.039%
52	12.151	1553	1558	1564	rBV3	4833	7891	0.24%	0.023%
53	12.240	1566	1573	1577	rVB5	5966	11884	0.36%	0.034%
54	12.722	1650	1655	1660	rBV	18332	28092	0.85%	0.082%
55	12.992	1697	1701	1705	rBV3	5976	9373	0.28%	0.027%
56	13.039	1705	1709	1713	rVB5	5759	10198	0.31%	0.030%
57	13.369	1762	1765	1769	rVV4	3776	6042	0.18%	0.018%
58	13.628	1802	1809	1814	rVV	1049677	1601839	48.27%	4.648%
59	13.675	1814	1817	1827	rVB	183122	292756	8.82%	0.849%
60	13.892	1848	1854	1864	rVV	1352456	1962847	59.15%	5.695%
61	13.957	1864	1865	1872	rVB3	8357	10250	0.31%	0.030%
62	14.051	1877	1881	1886	rVB6	4716	8652	0.26%	0.025%
63	14.204	1900	1907	1918	rVV2	775434	1225768	36.94%	3.557%
64	14.457	1943	1950	1975	rBV2	157804	570558	17.19%	1.656%
65	14.745	1995	1999	2003	rVB6	7912	12260	0.37%	0.036%
66	15.051	2047	2051	2053	rVV3	6656	8703	0.26%	0.025%
67	15.075	2053	2055	2059	rVB3	5870	6001	0.18%	0.017%
68	15.210	2071	2078	2094	rBV	1554612	2439625	73.51%	7.079%
69	15.351	2096	2102	2112	rVV	399162	675195	20.35%	1.959%
70	15.451	2116	2119	2132	rVB6	25148	65092	1.96%	0.189%
71	15.957	2199	2205	2209	rVV3	23639	33092	1.00%	0.096%

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72	16.339	2268	2270	2274	rVB4	5349	6170	0.19%	0.018%
73	16.786	2342	2346	2349	rVB5	7096	11388	0.34%	0.033%
74	16.963	2370	2376	2386	rBV	937767	1345824	40.55%	3.905%
75	17.063	2386	2393	2409	rVB	1613923	2536480	76.43%	7.360%
76	17.257	2424	2426	2430	rVB5	4651	6004	0.18%	0.017%
77	17.751	2504	2510	2514	rBV7	5980	13048	0.39%	0.038%
78	17.874	2525	2531	2542	rBV	259922	445035	13.41%	1.291%
79	18.157	2577	2579	2585	rBV6	4378	6682	0.20%	0.019%
80	18.804	2686	2689	2694	rVB6	5650	7761	0.23%	0.023%
81	19.016	2720	2725	2728	rBV3	19411	34432	1.04%	0.100%
82	19.045	2728	2730	2733	rVB3	7868	9159	0.28%	0.027%
83	19.168	2746	2751	2759	rVV3	82197	144801	4.36%	0.420%
84	19.257	2762	2766	2771	rBV3	16026	26640	0.80%	0.077%
85	19.316	2771	2776	2780	rBV	194736	217330	6.55%	0.631%
86	19.368	2780	2785	2794	rVV	1997334	2890787	87.11%	8.388%
87	19.880	2870	2872	2874	rBV3	5562	6760	0.20%	0.020%
88	19.915	2874	2878	2879	rVV4	14242	19243	0.58%	0.056%
89	19.933	2879	2881	2885	rVB4	18990	17641	0.53%	0.051%
90	20.374	2952	2956	2959	rBV	109352	118325	3.57%	0.343%
91	20.433	2963	2966	2970	rVB3	34648	40292	1.21%	0.117%
92	20.904	3041	3046	3055	rBV	387589	597274	18.00%	1.733%
93	21.180	3088	3093	3105	rBV	1108162	1647897	49.66%	4.782%
94	21.339	3117	3120	3128	rBV2	69548	99663	3.00%	0.289%
95	21.768	3189	3193	3195	rBV	83106	99930	3.01%	0.290%
96	22.215	3265	3269	3272	rBV	149122	175574	5.29%	0.509%
97	22.704	3348	3352	3356	rBV	132945	174804	5.27%	0.507%
98	23.215	3433	3439	3454	rVB	1694224	3318655	100.00%	9.630%
99	23.356	3457	3463	3475	rVB	864072	1625030	48.97%	4.715%
100	23.862	3545	3549	3555	rVB	133007	217916	6.57%	0.632%

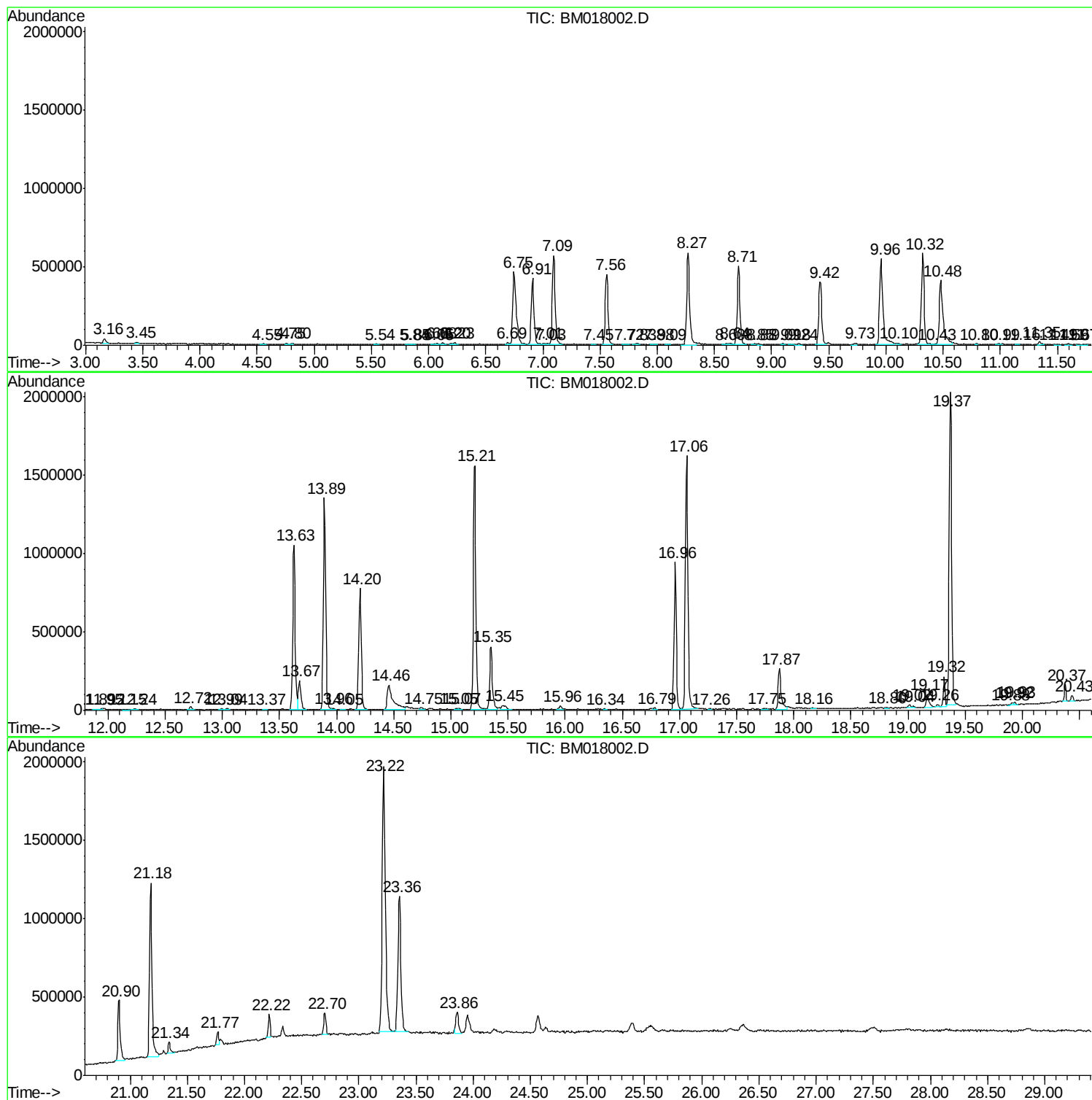
Sum of corrected areas: 34463331

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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



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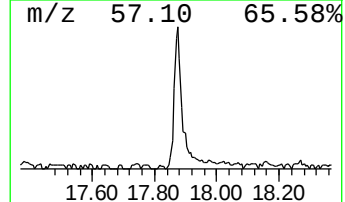
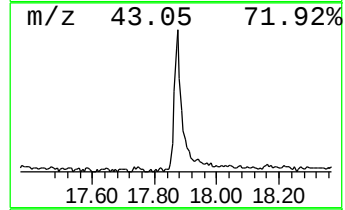
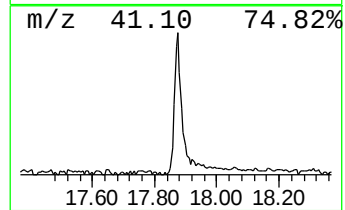
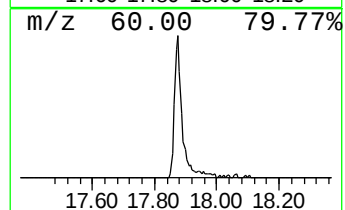
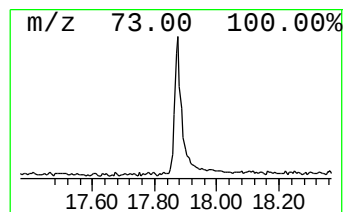
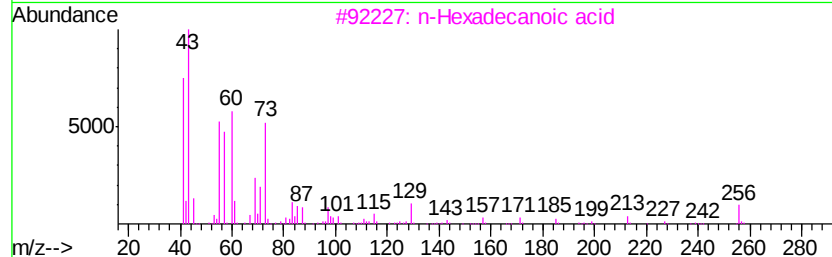
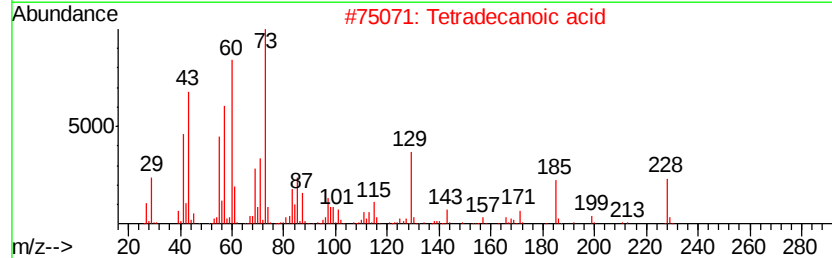
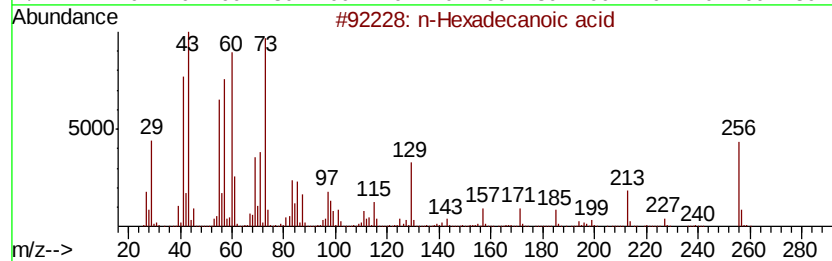
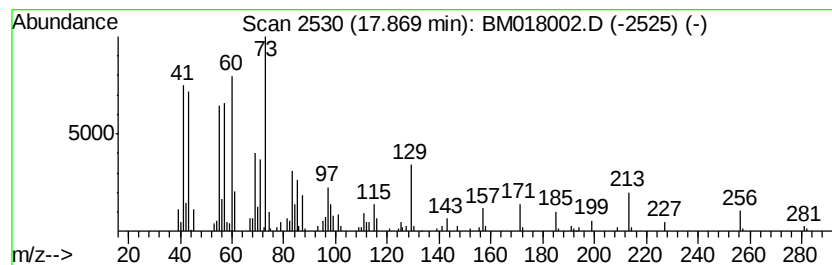
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.87	6.61 ng/ul	445035	Phenanthrene-d10		16.96		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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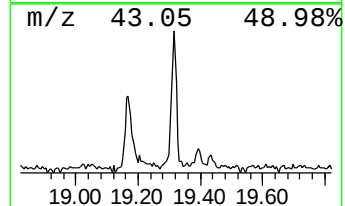
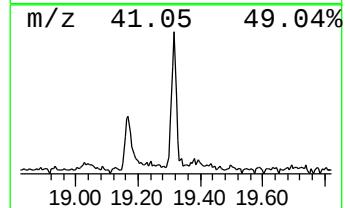
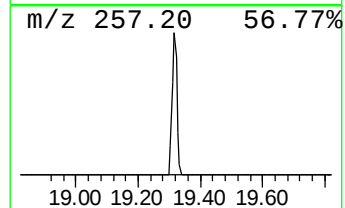
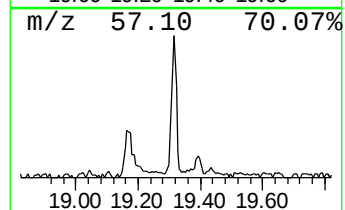
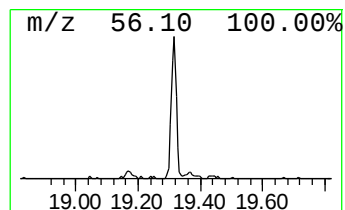
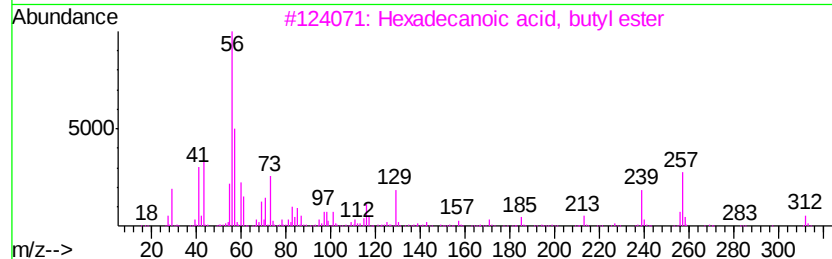
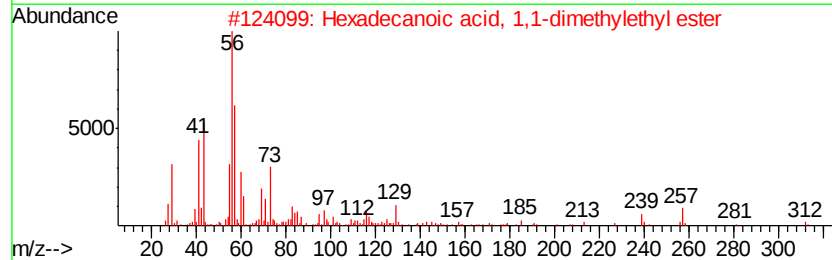
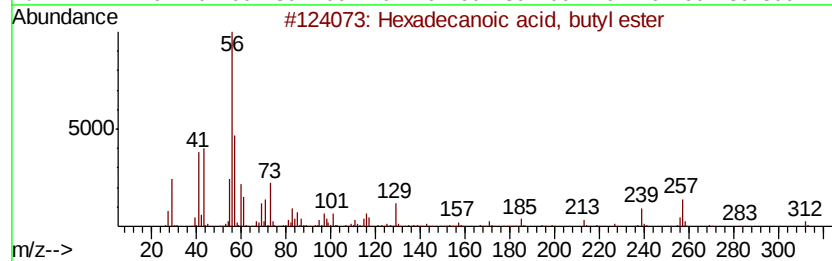
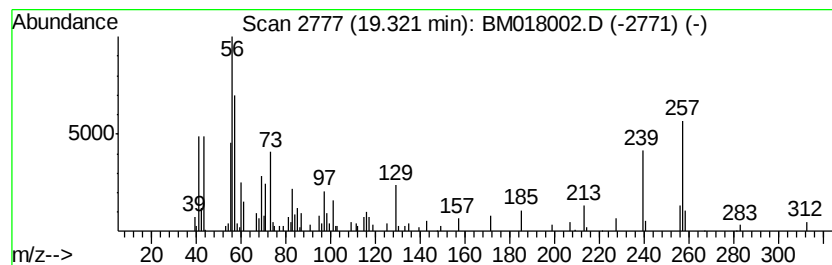
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.64 ng/ul	217330	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	92
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	38
5		Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	35



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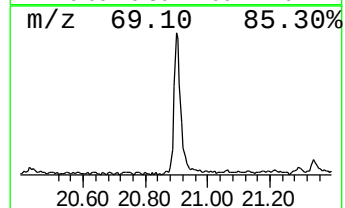
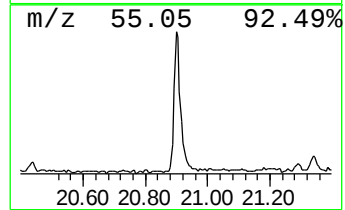
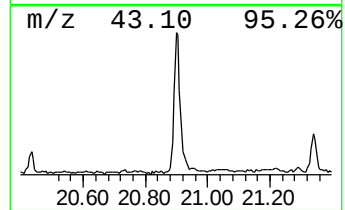
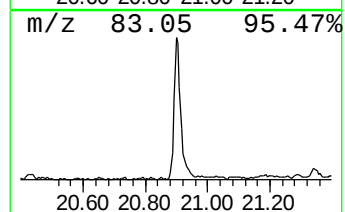
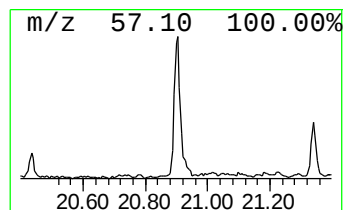
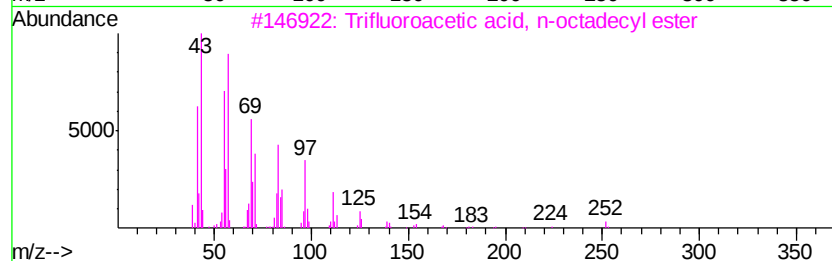
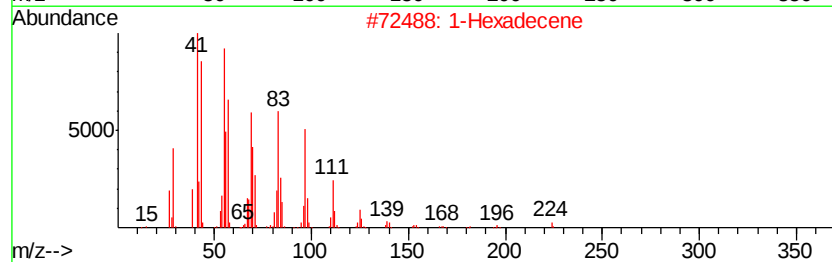
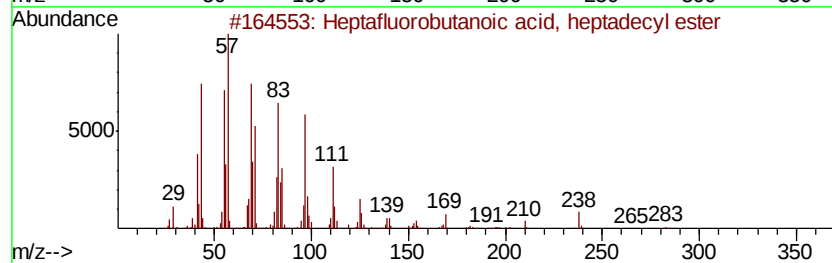
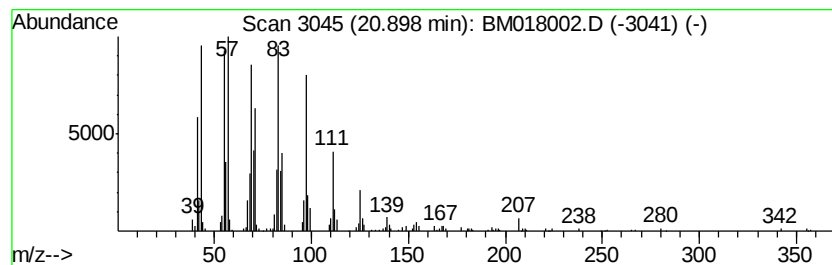
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Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.25 ng/ul	597274	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		1-Hexadecene	224	C16H32	000629-73-2	91
3		Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	89
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
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Acq On : 07 Dec 2018 16:35
Operator : JU/SJ
Sample : J6077-03
Misc :
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Instrument :
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ClientSampleId :
F9Y42

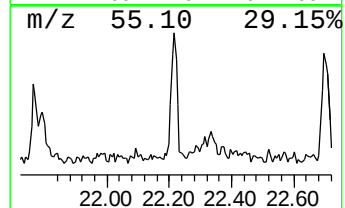
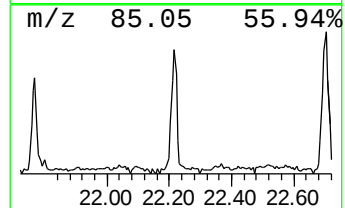
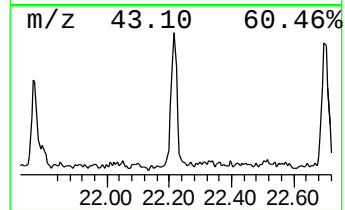
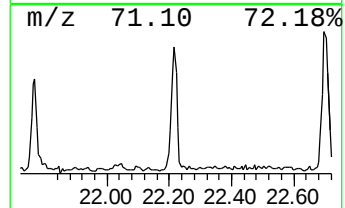
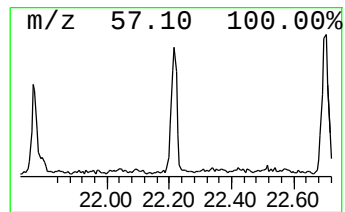
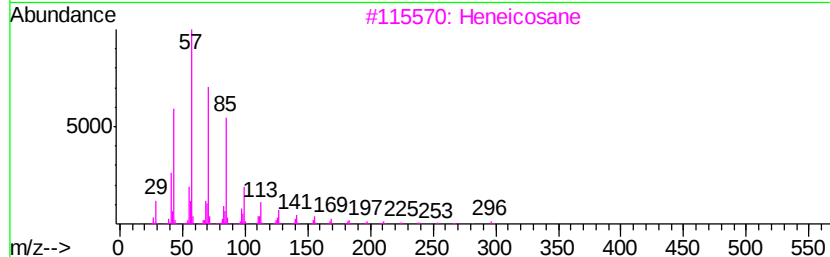
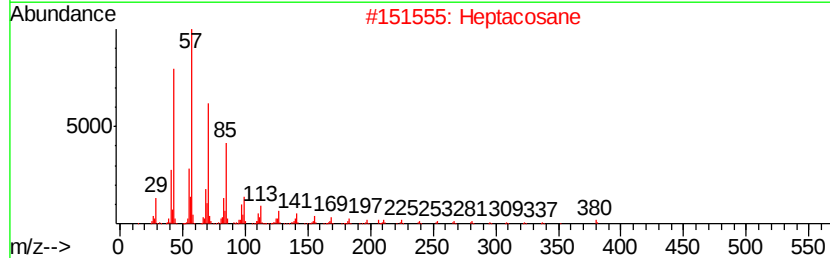
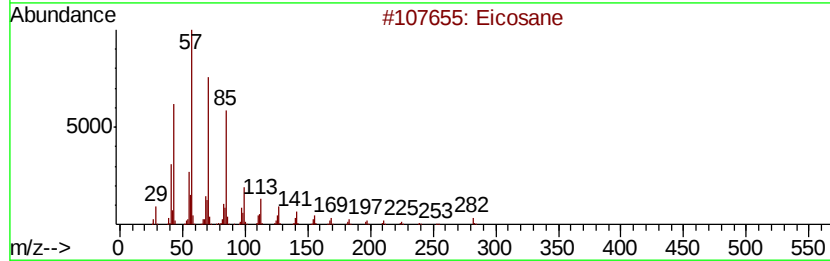
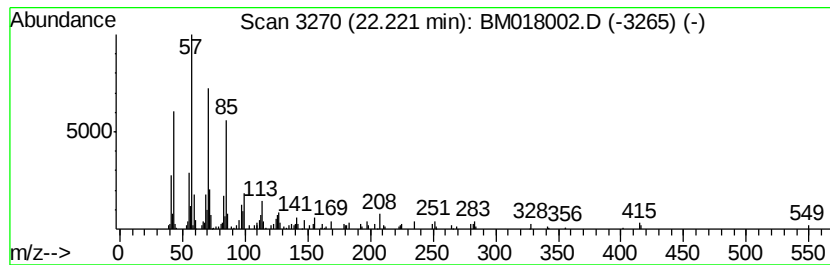
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.13 ng/ul	175574	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Hexacosane	366	C26H54	000630-01-3	86
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018002.D
Acq On : 07 Dec 2018 16:35
Operator : JU/SJ
Sample : J6077-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y42

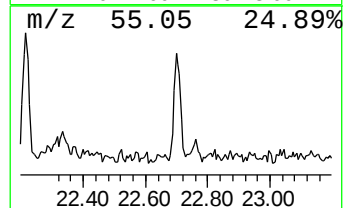
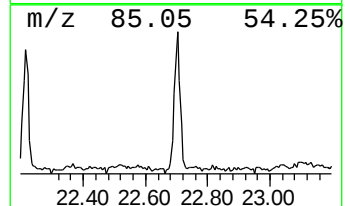
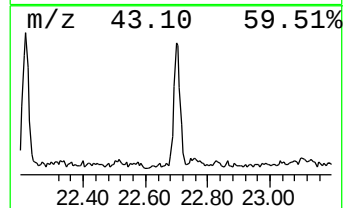
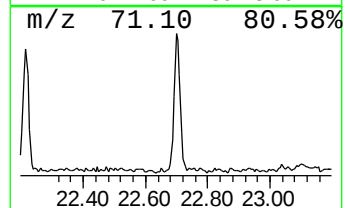
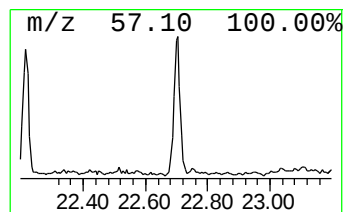
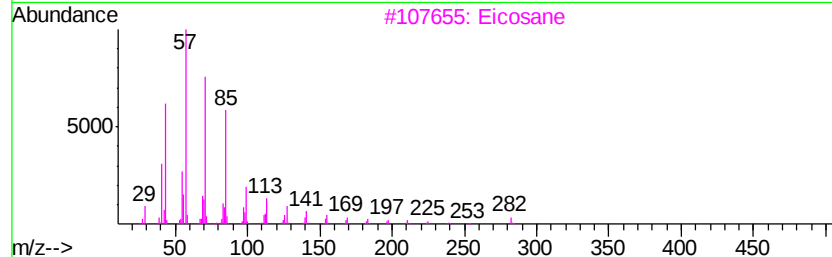
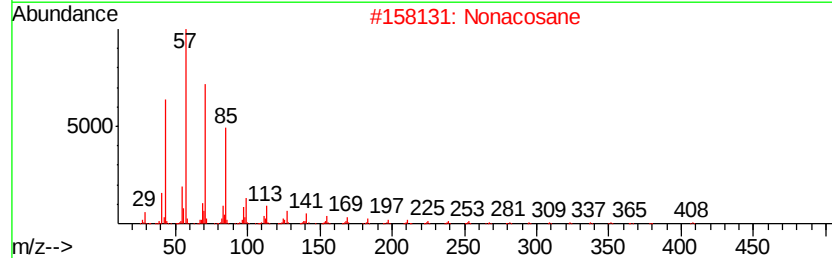
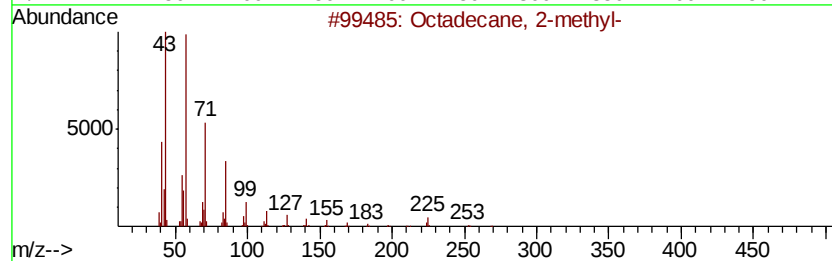
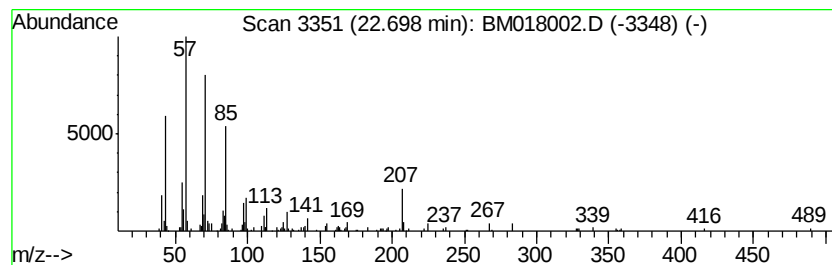
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.15 ng/ul	174804	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Nonacosane	408	C29H60	000630-03-5	83
3		Eicosane	282	C20H42	000112-95-8	83
4		Octadecane	254	C18H38	000593-45-3	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018002.D
Acq On : 07 Dec 2018 16:35
Operator : JU/SJ
Sample : J6077-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y42

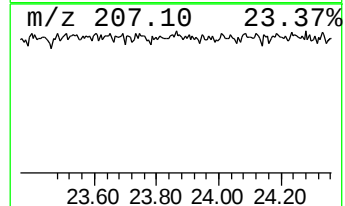
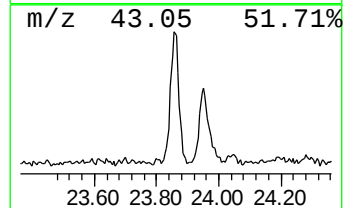
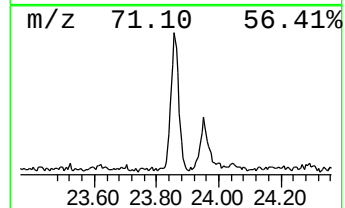
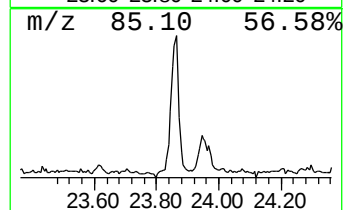
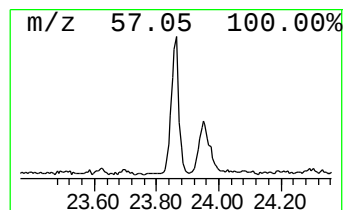
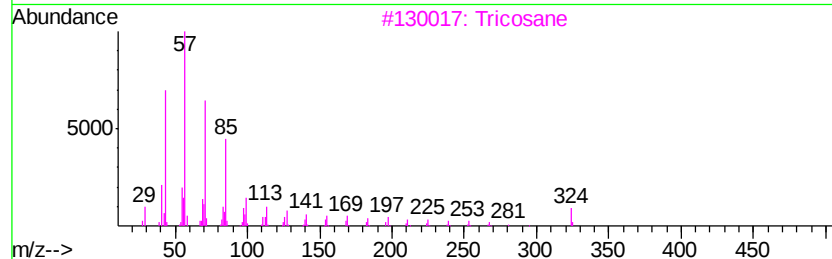
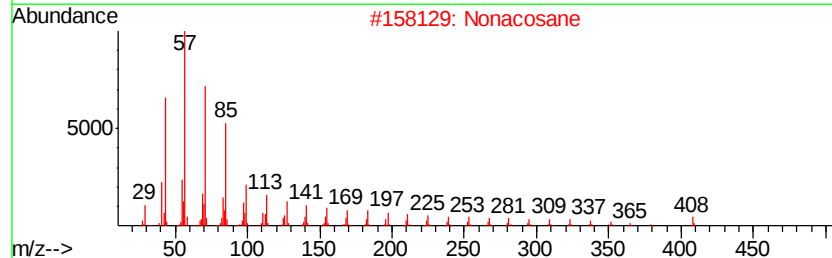
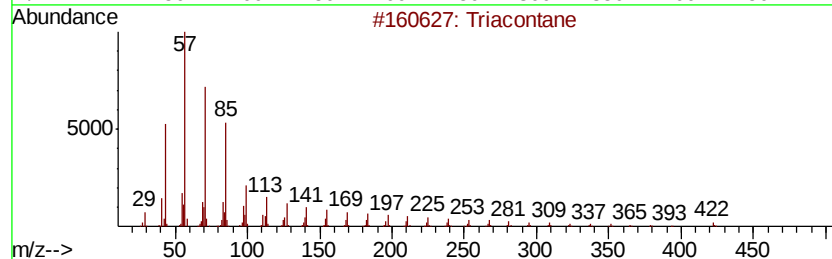
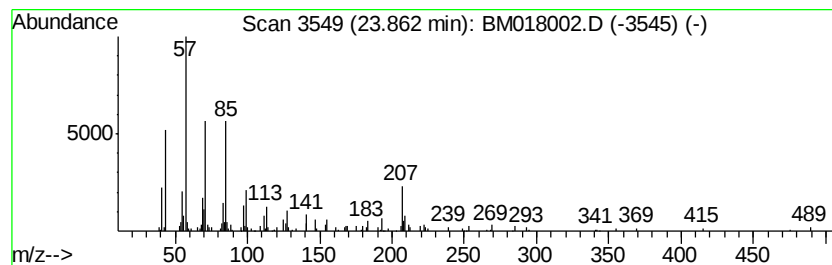
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.68 ng/ul	217916	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	64
2		Nonacosane	408	C29H60	000630-03-5	59
3		Tricosane	324	C23H48	000638-67-5	58
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM018002.D
Acq On : 07 Dec 2018 16:35
Operator : JU/SJ
Sample : J6077-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y42

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	6.6	ng/ul	445035	4	16.96	1345820	20.0
Hexadecanoic acid...	19.32	2.6	ng/ul	217330	5	21.18	1647900	20.0
Heptafluorobutano...	20.90	7.3	ng/ul	597274	5	21.18	1647900	20.0
(DEL) Alkane: Str...	22.22	2.1	ng/ul	175574	5	21.18	1647900	20.0
(DEL) Alkane: Str...	22.70	2.1	ng/ul	174804	6	23.36	1625030	20.0
(DEL) Alkane: Str...	23.86	2.7	ng/ul	217916	6	23.36	1625030	20.0