

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008542.D
 Acq On : 14 Nov 2019 03:35
 Operator : JU
 Sample : K5679-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0CM8

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_N\METHODS\SOM-EPA-BN111319MA.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	3.217	35	39	49	rVV	99154	138861	2.40%	0.194%
2	3.846	142	146	152	rVB3	16401	25108	0.43%	0.035%
3	3.934	156	161	165	rVB	17638	25789	0.45%	0.036%
4	4.822	309	312	318	rVB6	7816	15233	0.26%	0.021%
5	6.340	561	570	572	rBV7	8485	19674	0.34%	0.028%
6	6.811	644	650	661	rBV2	249372	571890	9.88%	0.800%
7	6.975	672	678	691	rBV	703933	1096897	18.95%	1.534%
8	7.175	704	712	719	rBV	798985	1256120	21.70%	1.756%
9	7.275	724	729	731	rBV3	11524	16556	0.29%	0.023%
10	7.634	779	790	797	rBV	1251729	1947413	33.64%	2.723%
11	7.711	799	803	809	rVV2	25530	39094	0.68%	0.055%
12	8.328	902	908	917	rBV	633980	1025716	17.72%	1.434%
13	8.510	934	939	943	rVB3	38736	56818	0.98%	0.079%
14	8.769	974	983	997	rBV	920737	1549425	26.77%	2.166%
15	9.040	1024	1029	1034	rVB5	13667	22784	0.39%	0.032%
16	9.269	1062	1068	1073	rBV	59626	87403	1.51%	0.122%
17	9.487	1096	1105	1112	rBV	645244	1037683	17.93%	1.451%
18	10.022	1188	1196	1205	rBV	1161539	1899204	32.81%	2.656%
19	10.093	1205	1208	1214	rVB	40333	62947	1.09%	0.088%
20	10.187	1220	1224	1230	rBV6	15323	26337	0.45%	0.037%
21	10.399	1252	1260	1268	rBV	1690033	2770278	47.86%	3.874%
22	10.463	1268	1271	1277	rVV2	46583	73082	1.26%	0.102%
23	10.528	1277	1282	1288	rVV2	56047	94038	1.62%	0.131%
24	10.781	1318	1325	1329	rBV7	17056	32774	0.57%	0.046%
25	10.822	1329	1332	1335	rVV4	10846	17717	0.31%	0.025%
26	10.946	1348	1353	1359	rVB7	14492	30136	0.52%	0.042%
27	11.399	1426	1430	1436	rBV4	26582	41314	0.71%	0.058%
28	11.581	1456	1461	1467	rVV5	16988	36111	0.62%	0.050%
29	11.757	1486	1491	1496	rVV2	27252	42574	0.74%	0.060%
30	11.987	1524	1530	1539	rVB3	24579	47018	0.81%	0.066%
31	12.628	1634	1639	1644	rVV2	36411	54045	0.93%	0.076%
32	13.240	1740	1743	1747	rBV4	12012	16881	0.29%	0.024%
33	13.675	1811	1817	1821	rBV	2323479	3123032	53.95%	4.367%
34	13.722	1821	1825	1830	rVB	331637	425745	7.35%	0.595%

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35	13.945	1856	1863	1872	rBV	2389802	3488114	60.26%	4.877%
36	14.204	1904	1907	1909	rBV3	12112	15197	0.26%	0.021%
37	14.257	1909	1916	1923	rVV	2580285	3737141	64.56%	5.225%
38	14.316	1923	1926	1933	rVB4	38136	51769	0.89%	0.072%
39	14.445	1943	1948	1958	rVB	203756	319395	5.52%	0.447%
40	14.628	1972	1979	1983	rBV4	38521	73519	1.27%	0.103%
41	14.675	1985	1987	1989	rVV2	14253	15433	0.27%	0.022%
42	14.816	2007	2011	2014	rBV4	20595	29084	0.50%	0.041%
43	15.098	2054	2059	2063	rBV6	37119	56889	0.98%	0.080%
44	15.140	2063	2066	2067	rVV2	16469	17759	0.31%	0.025%
45	15.157	2067	2069	2073	rVB2	21418	21032	0.36%	0.029%
46	15.251	2079	2085	2095	rVB	3012767	4353262	75.20%	6.087%
47	15.363	2095	2104	2113	rBV	716483	1035857	17.89%	1.448%
48	15.469	2115	2122	2124	rBV6	38847	77635	1.34%	0.109%
49	15.545	2131	2135	2140	rBV3	39190	54884	0.95%	0.077%
50	15.634	2147	2150	2154	rVV6	14331	21952	0.38%	0.031%
51	15.757	2165	2171	2176	rVV7	40409	82185	1.42%	0.115%
52	15.810	2177	2180	2185	rVB5	21772	32666	0.56%	0.046%
53	15.904	2192	2196	2197	rBV3	20821	21404	0.37%	0.030%
54	15.957	2202	2205	2209	rBV6	16201	27352	0.47%	0.038%
55	16.157	2234	2239	2247	rBV6	15501	34156	0.59%	0.048%
56	16.310	2258	2265	2269	rBV8	24087	45572	0.79%	0.064%
57	16.369	2269	2275	2279	rVV8	16296	38408	0.66%	0.054%
58	16.439	2283	2287	2290	rVB3	30115	42848	0.74%	0.060%
59	16.516	2296	2300	2305	rVB7	25142	41652	0.72%	0.058%
60	16.581	2307	2311	2316	rVB7	18948	33449	0.58%	0.047%
61	16.657	2319	2324	2327	rBV4	23256	34336	0.59%	0.048%
62	16.757	2335	2341	2342	rBV6	21700	29402	0.51%	0.041%
63	16.781	2343	2345	2349	rVB3	18355	18655	0.32%	0.026%
64	16.881	2359	2362	2369	rVB9	31001	47723	0.82%	0.067%
65	16.998	2369	2382	2388	rBV	3189223	4441040	76.72%	6.210%
66	17.045	2388	2390	2393	rVV4	26377	30368	0.52%	0.042%
67	17.098	2393	2399	2409	rVB	3403972	4905730	84.75%	6.859%
68	17.210	2414	2418	2423	rVB7	37406	59153	1.02%	0.083%
69	17.316	2433	2436	2440	rVB6	30263	39214	0.68%	0.055%
70	17.545	2472	2475	2477	rBV4	11683	16777	0.29%	0.023%
71	17.763	2508	2512	2515	rBV3	22873	32719	0.57%	0.046%

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72	17.798	2515	2518	2524	rVB7	30580	45828	0.79%	0.064%
73	17.928	2535	2540	2548	rBV	549584	849532	14.68%	1.188%
74	17.992	2548	2551	2560	rVB2	51061	106421	1.84%	0.149%
75	18.375	2613	2616	2621	rVB7	19015	26680	0.46%	0.037%
76	18.745	2677	2679	2682	rVB4	17596	19821	0.34%	0.028%
77	18.792	2684	2687	2695	rVB8	27375	41448	0.72%	0.058%
78	19.022	2722	2726	2731	rBV2	53688	82911	1.43%	0.116%
79	19.086	2735	2737	2745	rVB7	27592	47925	0.83%	0.067%
80	19.216	2755	2759	2767	rBV2	165201	250171	4.32%	0.350%
81	19.280	2767	2770	2776	rVB	43953	63335	1.09%	0.089%
82	19.398	2783	2790	2797	rVB	4023457	5788726	100.00%	8.094%
83	19.492	2803	2806	2812	rVB7	18595	22930	0.40%	0.032%
84	19.951	2882	2884	2888	rVB4	30709	33520	0.58%	0.047%
85	20.498	2974	2977	2980	rVB	38982	37637	0.65%	0.053%
86	20.945	3049	3053	3059	rBV	1137810	1488732	25.72%	2.082%
87	20.992	3059	3061	3066	rVB	140493	166704	2.88%	0.233%
88	21.151	3084	3088	3091	rBV	274324	333618	5.76%	0.466%
89	21.192	3091	3095	3107	rVB2	3567738	4809149	83.08%	6.724%
90	21.398	3127	3130	3134	rVB	142750	151108	2.61%	0.211%
91	21.833	3200	3204	3209	rBV	244957	309894	5.35%	0.433%
92	22.286	3277	3281	3289	rVB	328901	448870	7.75%	0.628%
93	22.410	3298	3302	3307	rVB	452771	556941	9.62%	0.779%
94	22.786	3361	3366	3378	rVB	486177	732789	12.66%	1.025%
95	23.233	3435	3442	3450	rBV	3164524	5584346	96.47%	7.808%
96	23.369	3455	3465	3474	rVB	2731523	5783722	99.91%	8.087%
97	23.968	3562	3567	3573	rBV	518898	887724	15.34%	1.241%
98	24.039	3574	3579	3584	rVB4	143737	280352	4.84%	0.392%
99	24.698	3685	3691	3700	rVB	390402	812608	14.04%	1.136%
100	25.539	3829	3834	3847	rVB	251427	605216	10.46%	0.846%

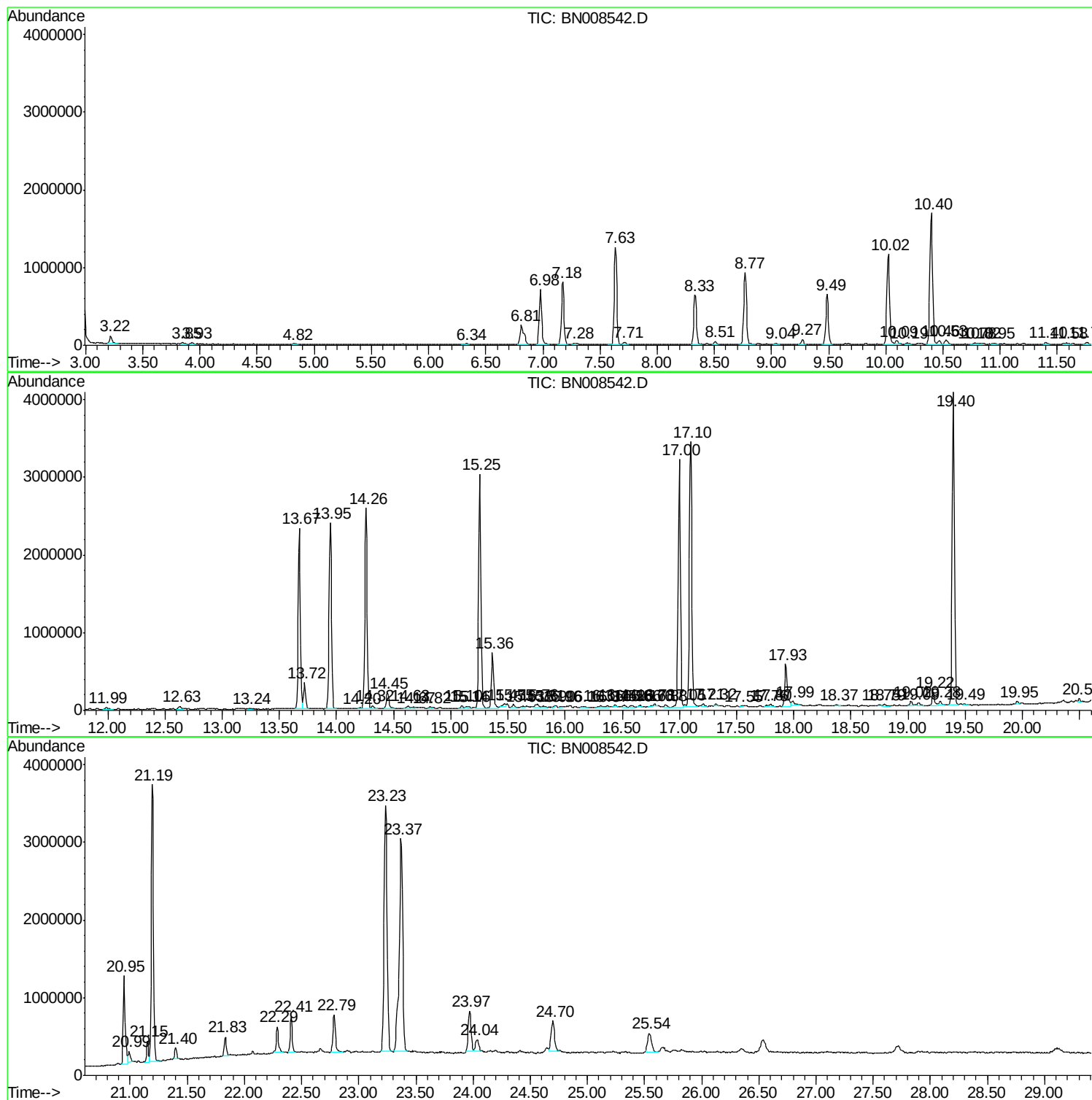
Sum of corrected areas: 71518086

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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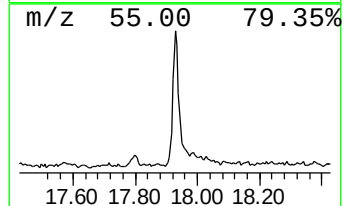
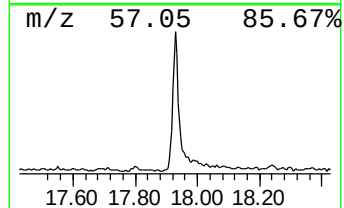
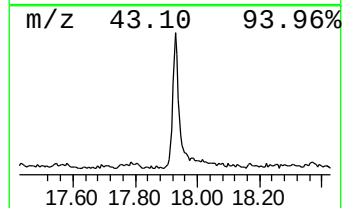
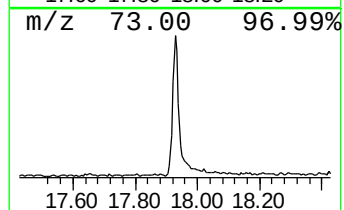
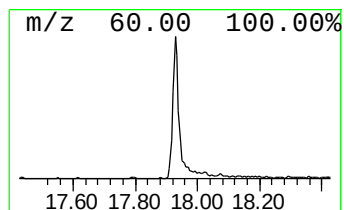
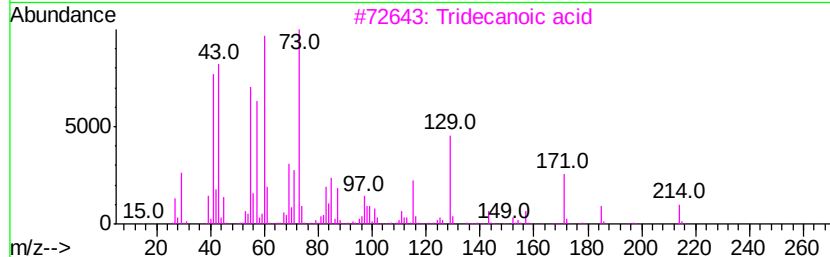
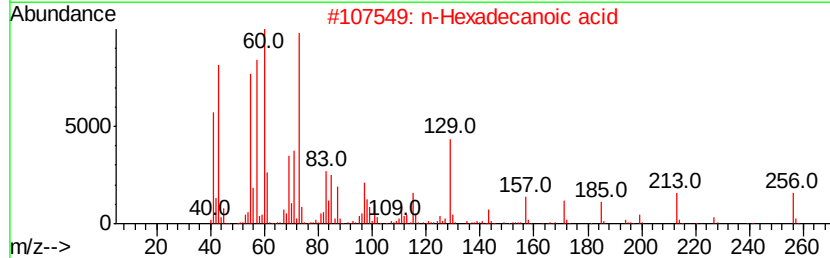
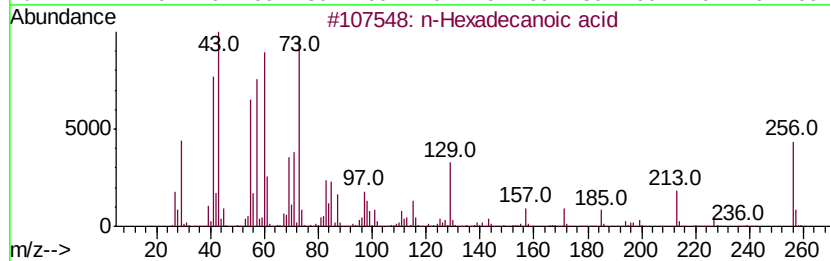
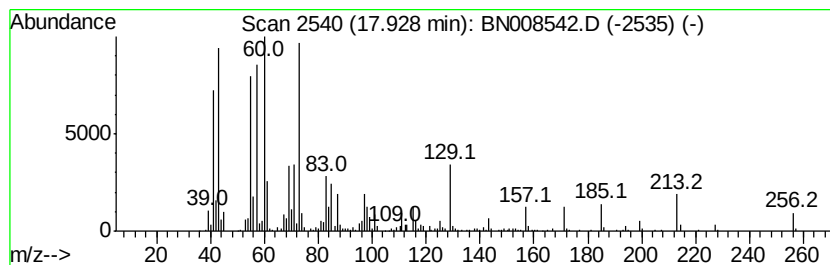
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.83 ng/ul	849532	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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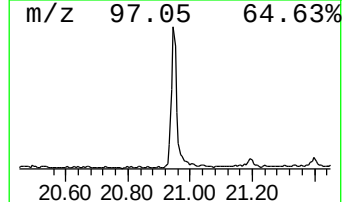
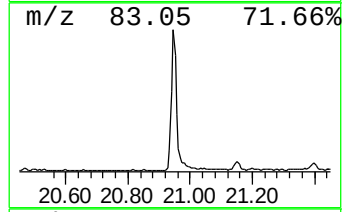
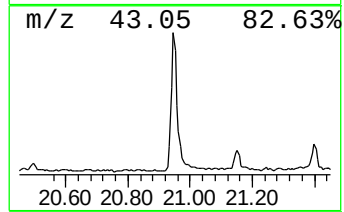
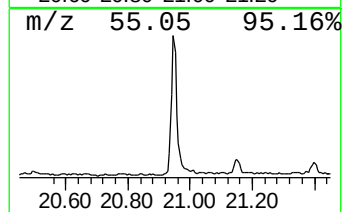
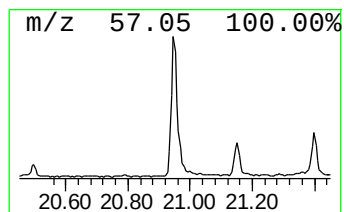
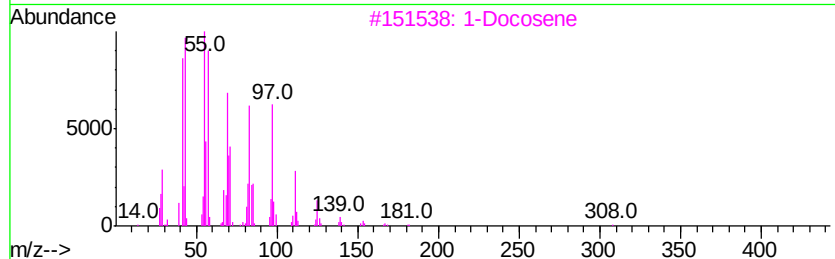
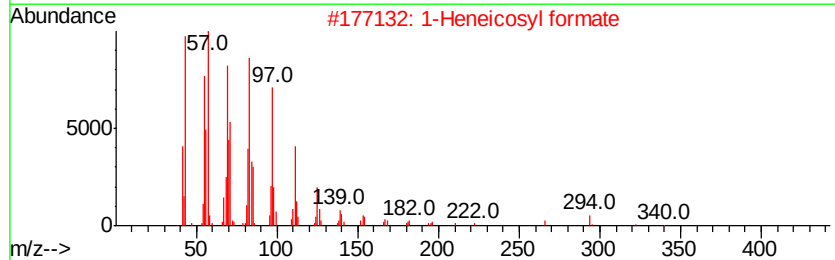
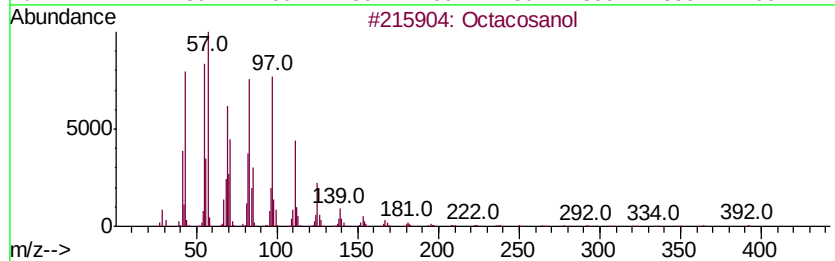
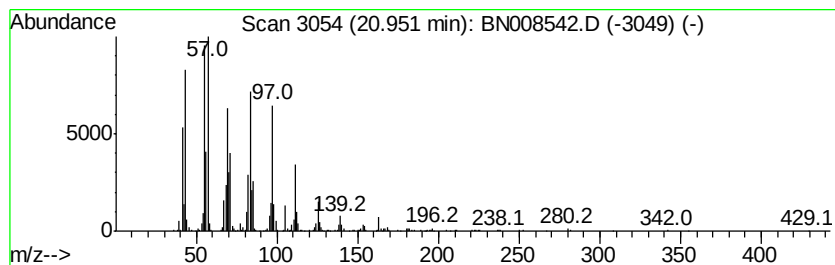
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.19 ng/ul	1488730	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Docosene	308	C22H44	001599-67-3	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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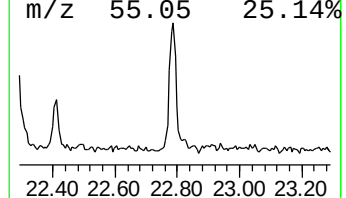
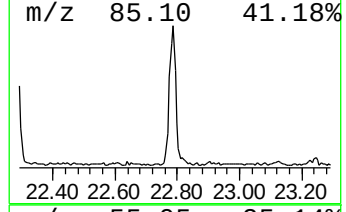
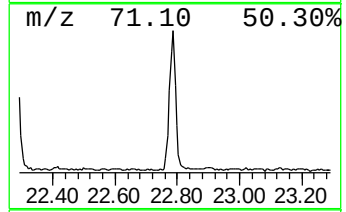
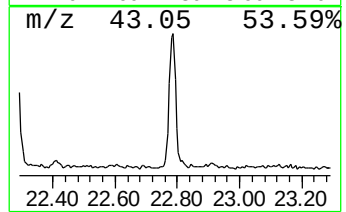
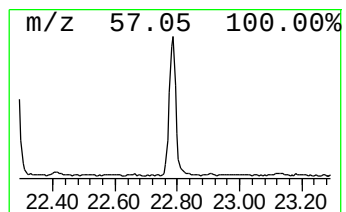
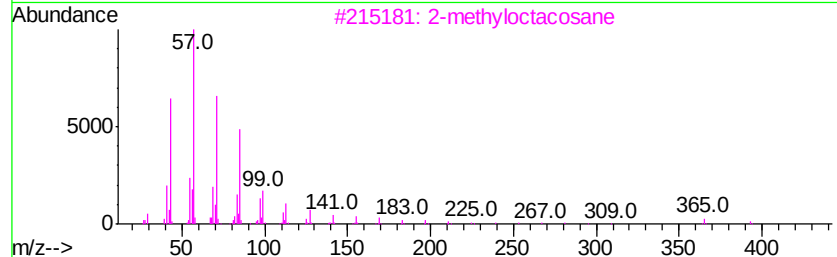
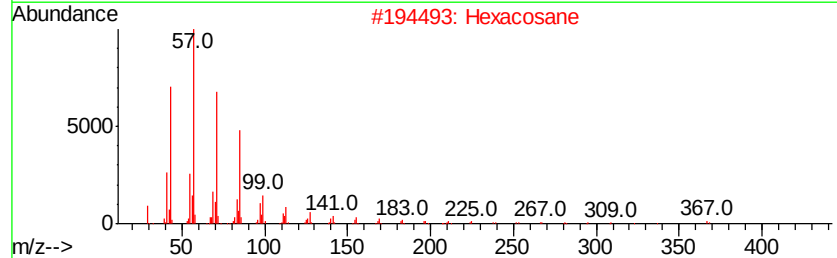
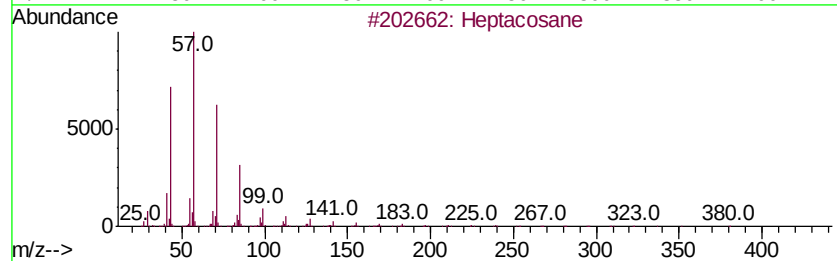
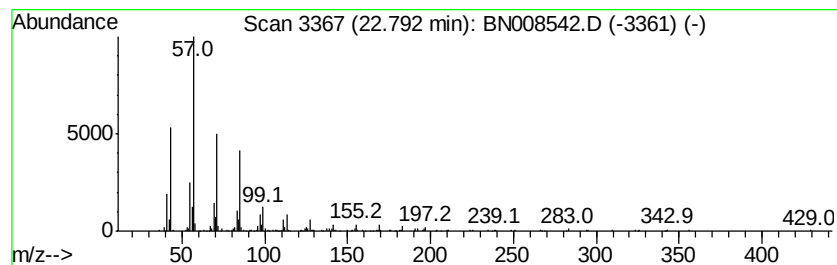
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.53 ng/ul	732789	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Docosane	310	C22H46	000629-97-0	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008542.D
Acq On : 14 Nov 2019 03:35
Operator : JU
Sample : K5679-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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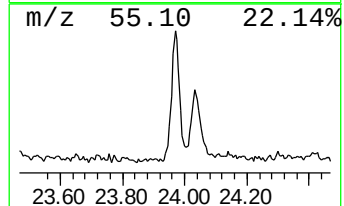
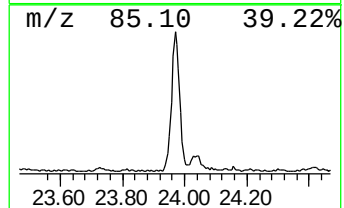
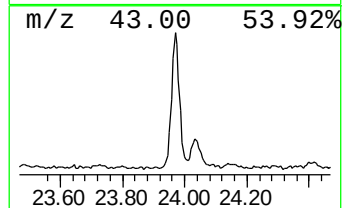
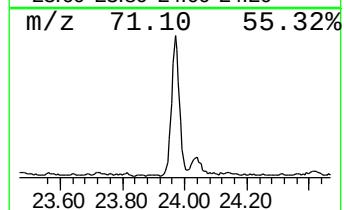
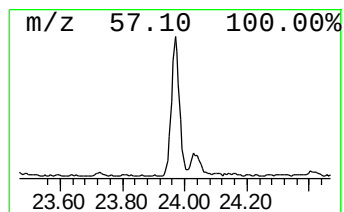
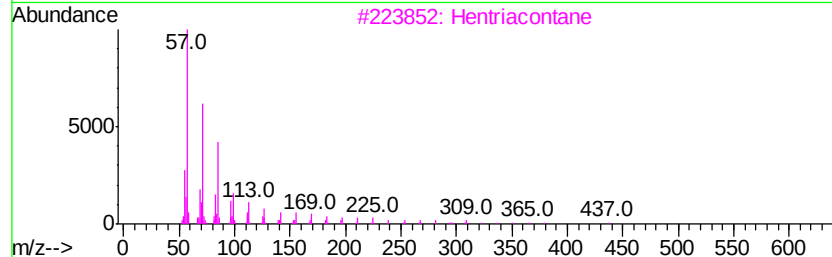
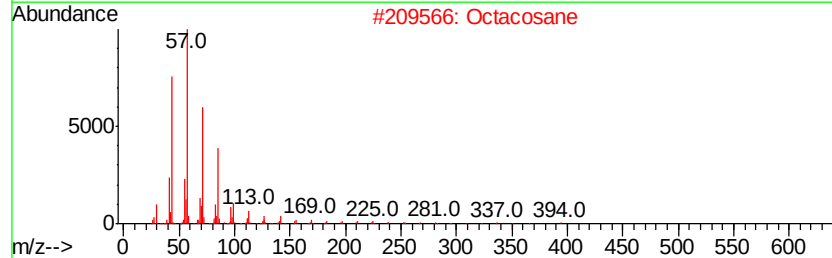
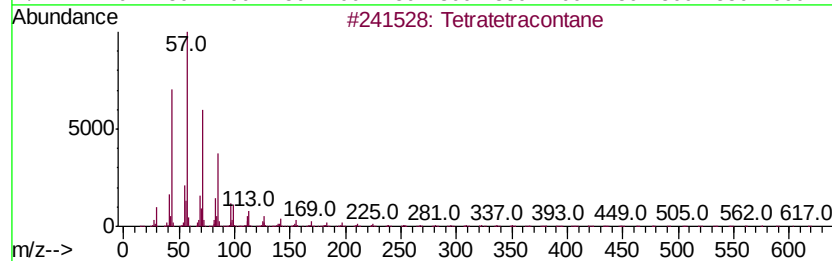
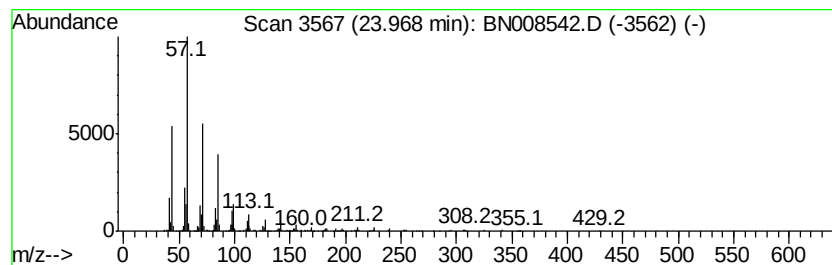
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.07 ng/ul	887724	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008542.D
Acq On : 14 Nov 2019 03:35
Operator : JU
Sample : K5679-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM8

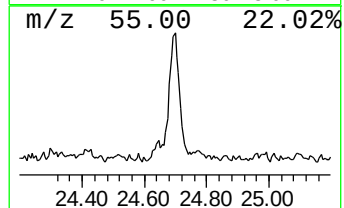
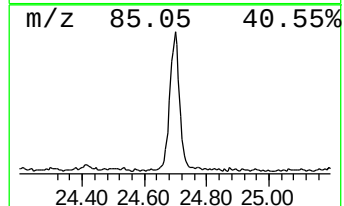
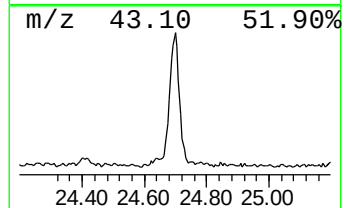
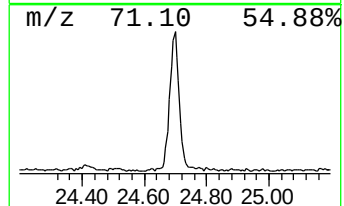
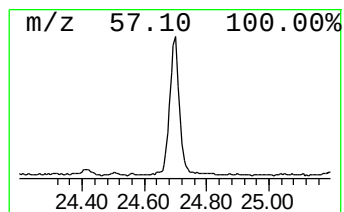
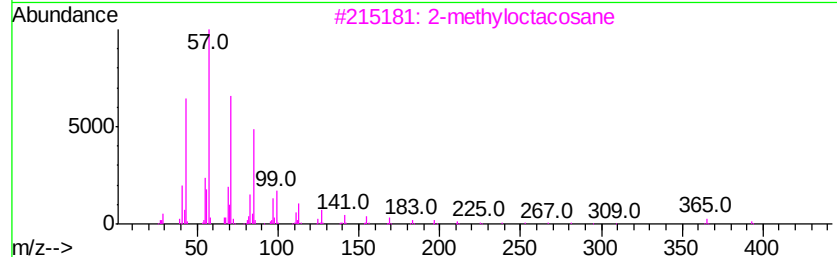
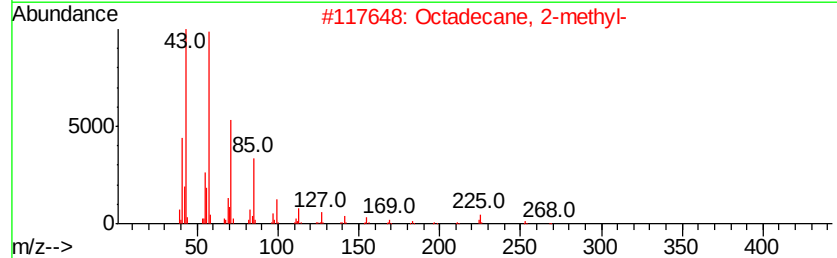
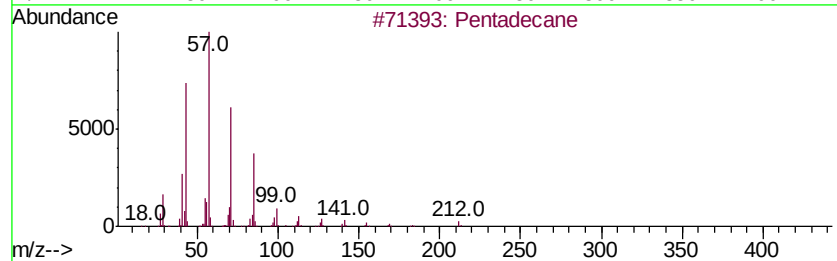
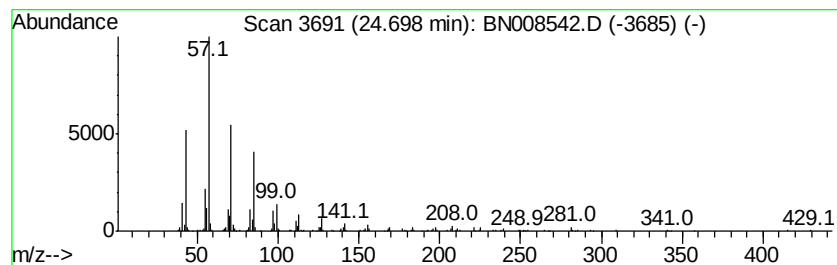
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.81 ng/ul	812608	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008542.D
Acq On : 14 Nov 2019 03:35
Operator : JU
Sample : K5679-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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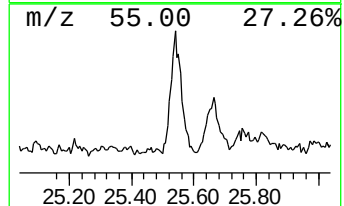
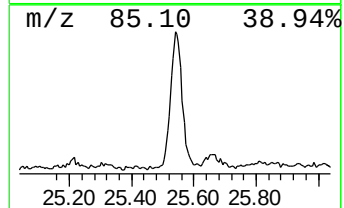
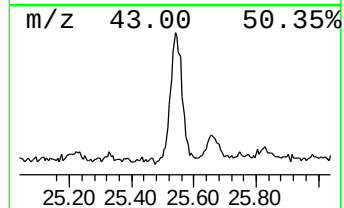
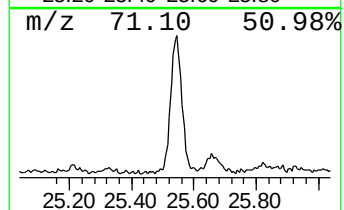
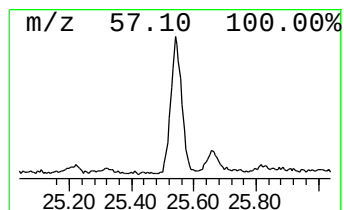
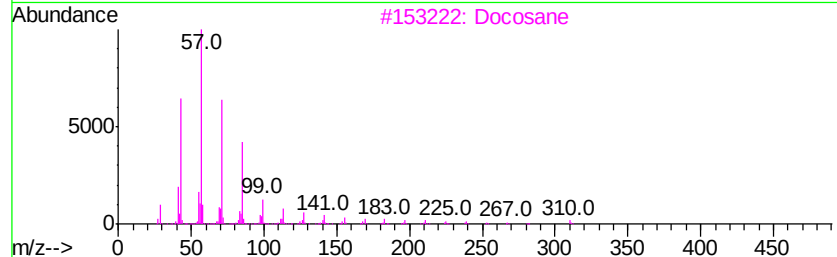
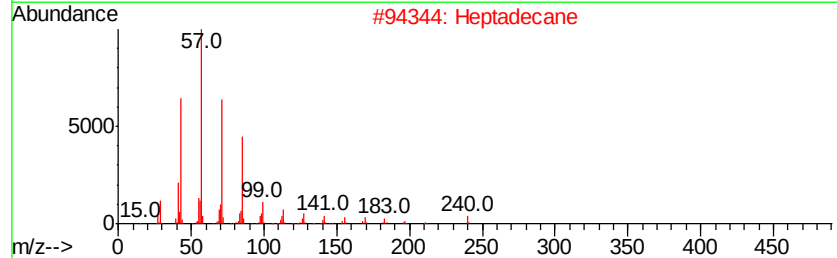
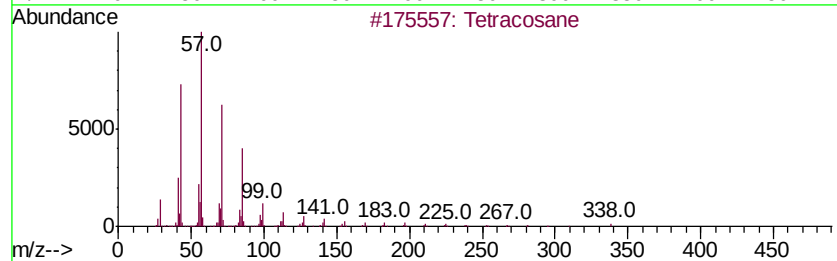
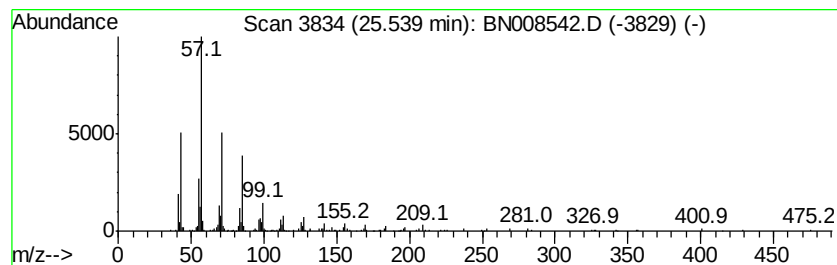
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	2.09 ng/ul	605216	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Docosane	310	C22H46	000629-97-0	83
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008542.D
Acq On : 14 Nov 2019 03:35
Operator : JU
Sample : K5679-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	3.8	ng/ul	849532	4	17.00	4441040	20.0
Octacosanol	20.95	6.2	ng/ul	1488730	5	21.19	4809150	20.0
(DEL) Alkane: Str...	22.79	2.5	ng/ul	732789	6	23.37	5783720	20.0
(DEL) Alkane: Str...	23.97	3.1	ng/ul	887724	6	23.37	5783720	20.0
(DEL) Alkane: Str...	24.70	2.8	ng/ul	812608	6	23.37	5783720	20.0
(DEL) Alkane: Str...	25.54	2.1	ng/ul	605216	6	23.37	5783720	20.0