

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008538.D
 Acq On : 14 Nov 2019 01:12
 Operator : JU
 Sample : K5679-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0CM4

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	51	rVB	89239	121778	2.06%	0.175%
2	3.723	120	125	130	rBV6	12101	23682	0.40%	0.034%
3	3.846	140	146	154	rVB4	17190	37150	0.63%	0.053%
4	3.934	156	161	166	rVB3	14723	24299	0.41%	0.035%
5	4.146	193	197	201	rBV6	9503	14075	0.24%	0.020%
6	4.828	307	313	318	rBV6	7689	15871	0.27%	0.023%
7	6.811	643	650	653	rBV	257009	447935	7.59%	0.643%
8	6.975	671	678	694	rBV	659656	1044039	17.69%	1.498%
9	7.175	705	712	722	rBV	751445	1217457	20.63%	1.746%
10	7.258	722	726	738	rVB	39716	77835	1.32%	0.112%
11	7.634	783	790	797	rVV	1188563	1836030	31.12%	2.634%
12	7.716	800	804	809	rVV2	18406	30461	0.52%	0.044%
13	8.328	902	908	917	rVV	657168	1066383	18.07%	1.530%
14	8.434	920	926	932	rVV7	15109	29248	0.50%	0.042%
15	8.510	932	939	943	rVV8	8155	15490	0.26%	0.022%
16	8.769	976	983	994	rVV	888718	1407371	23.85%	2.019%
17	9.275	1063	1069	1076	rVB	41010	67699	1.15%	0.097%
18	9.487	1097	1105	1112	rBV	606163	968956	16.42%	1.390%
19	9.681	1134	1138	1140	rVV4	10851	16930	0.29%	0.024%
20	9.722	1140	1145	1152	rVB7	6433	15385	0.26%	0.022%
21	9.957	1181	1185	1188	rBV5	9462	13797	0.23%	0.020%
22	10.022	1189	1196	1206	rVV	1149823	1897692	32.16%	2.722%
23	10.099	1206	1209	1214	rVV6	11739	20123	0.34%	0.029%
24	10.193	1220	1225	1229	rVB7	10710	19454	0.33%	0.028%
25	10.281	1234	1240	1242	rBV5	9022	13606	0.23%	0.020%
26	10.399	1250	1260	1268	rBV	1586619	2641772	44.77%	3.789%
27	10.469	1268	1272	1275	rVB5	14265	23490	0.40%	0.034%
28	10.528	1275	1282	1293	rBV3	52287	102952	1.74%	0.148%
29	10.710	1308	1313	1318	rVB7	7607	16079	0.27%	0.023%
30	11.028	1362	1367	1370	rBV5	10935	15428	0.26%	0.022%
31	11.199	1393	1396	1399	rVV5	10349	11176	0.19%	0.016%
32	11.399	1426	1430	1436	rBV5	36088	60121	1.02%	0.086%
33	11.563	1453	1458	1461	rBV6	12450	21281	0.36%	0.031%
34	11.757	1486	1491	1497	rVV2	30470	50682	0.86%	0.073%

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35	11.840	1503	1505	1510	rVB5	11268	15349	0.26%	0.022%
36	11.987	1525	1530	1536	rBV5	23582	47113	0.80%	0.068%
37	12.410	1597	1602	1604	rVB5	14287	21230	0.36%	0.030%
38	12.569	1622	1629	1632	rBV6	19472	26146	0.44%	0.038%
39	12.628	1632	1639	1643	rBV6	13982	28058	0.48%	0.040%
40	12.881	1677	1682	1686	rBV5	14998	24708	0.42%	0.035%
41	13.251	1740	1745	1749	rVB7	8329	12942	0.22%	0.019%
42	13.498	1783	1787	1791	rBV7	7450	11870	0.20%	0.017%
43	13.675	1810	1817	1822	rBV	2415427	3252232	55.12%	4.665%
44	13.722	1822	1825	1836	rVV	401982	533805	9.05%	0.766%
45	13.822	1838	1842	1848	rVB2	52298	73356	1.24%	0.105%
46	13.945	1856	1863	1872	rBV	2330421	3555257	60.25%	5.100%
47	14.257	1909	1916	1922	rBV2	2450315	3575005	60.59%	5.128%
48	14.298	1922	1923	1924	rVV	43036	28546	0.48%	0.041%
49	14.316	1924	1926	1929	rVB3	45529	53102	0.90%	0.076%
50	14.445	1942	1948	1960	rBV	240941	378006	6.41%	0.542%
51	14.616	1970	1977	1982	rBV	14219	30433	0.52%	0.044%
52	14.681	1986	1988	1990	rVV3	17122	15449	0.26%	0.022%
53	14.816	2005	2011	2014	rBV3	38648	57437	0.97%	0.082%
54	15.098	2054	2059	2063	rBV3	32836	48567	0.82%	0.070%
55	15.157	2063	2069	2073	rVB4	29890	44198	0.75%	0.063%
56	15.251	2079	2085	2095	rVB	2961604	4379652	74.22%	6.282%
57	15.363	2099	2104	2113	rBV	712515	968034	16.41%	1.389%
58	15.492	2117	2126	2131	rVV4	43351	84884	1.44%	0.122%
59	15.545	2133	2135	2144	rVB8	16500	28306	0.48%	0.041%
60	15.640	2145	2151	2154	rBV6	13303	26462	0.45%	0.038%
61	15.904	2194	2196	2199	rBV4	9335	11141	0.19%	0.016%
62	16.034	2212	2218	2224	rBV8	22980	57209	0.97%	0.082%
63	16.275	2256	2259	2262	rBV4	8954	15077	0.26%	0.022%
64	16.434	2282	2286	2291	rVB8	13486	20332	0.34%	0.029%
65	16.522	2299	2301	2305	rVB5	14182	16646	0.28%	0.024%
66	16.575	2305	2310	2314	rBV2	48201	70929	1.20%	0.102%
67	16.622	2314	2318	2323	rVV4	32720	42637	0.72%	0.061%
68	16.787	2341	2346	2348	rBV4	26423	39082	0.66%	0.056%
69	16.887	2358	2363	2367	rVB8	24098	40243	0.68%	0.058%
70	16.998	2375	2382	2388	rBV	3023045	4184422	70.91%	6.002%
71	17.098	2393	2399	2409	rVB	3480496	4875196	82.62%	6.993%

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72	17.269	2424	2428	2431	rBV3	12825	18394	0.31%	0.026%
73	17.692	2496	2500	2504	rBV6	25917	39021	0.66%	0.056%
74	17.869	2528	2530	2534	rVB5	12219	13857	0.23%	0.020%
75	17.928	2535	2540	2548	rBV	453752	728698	12.35%	1.045%
76	17.992	2548	2551	2555	rVB	35523	53646	0.91%	0.077%
77	18.375	2610	2616	2621	rBV9	23175	48584	0.82%	0.070%
78	18.498	2634	2637	2640	rVB4	16190	21063	0.36%	0.030%
79	18.792	2684	2687	2693	rVB6	36869	51849	0.88%	0.074%
80	18.963	2714	2716	2721	rVB6	13845	17838	0.30%	0.026%
81	19.028	2721	2727	2731	rBV	68268	112596	1.91%	0.162%
82	19.216	2755	2759	2766	rBV3	169967	236711	4.01%	0.340%
83	19.281	2767	2770	2776	rVB2	48890	73822	1.25%	0.106%
84	19.392	2783	2789	2797	rBV	4252081	5900752	100.00%	8.464%
85	19.957	2882	2885	2889	rBV6	29848	37389	0.63%	0.054%
86	20.357	2951	2953	2958	rVB6	25039	25250	0.43%	0.036%
87	20.945	3049	3053	3059	rBV	1136018	1448554	24.55%	2.078%
88	20.992	3059	3061	3071	rVB	156603	223710	3.79%	0.321%
89	21.151	3085	3088	3090	rBV2	49892	54864	0.93%	0.079%
90	21.192	3090	3095	3103	rVB	3733613	4689747	79.48%	6.727%
91	21.398	3127	3130	3139	rVB	189503	269067	4.56%	0.386%
92	21.833	3200	3204	3210	rBV	309425	381864	6.47%	0.548%
93	22.286	3277	3281	3292	rBV	408322	577359	9.78%	0.828%
94	22.786	3361	3366	3374	rVB	580039	864868	14.66%	1.241%
95	23.233	3435	3442	3453	rVB	3038937	5605585	95.00%	8.041%
96	23.369	3455	3465	3475	rBV3	2559436	5694185	96.50%	8.168%
97	23.968	3562	3567	3573	rBV	529893	948693	16.08%	1.361%
98	24.033	3575	3578	3588	rVB3	164988	320713	5.44%	0.460%
99	24.698	3685	3691	3700	rVB	329020	705405	11.95%	1.012%
100	25.545	3830	3835	3845	rVB	203137	473342	8.02%	0.679%

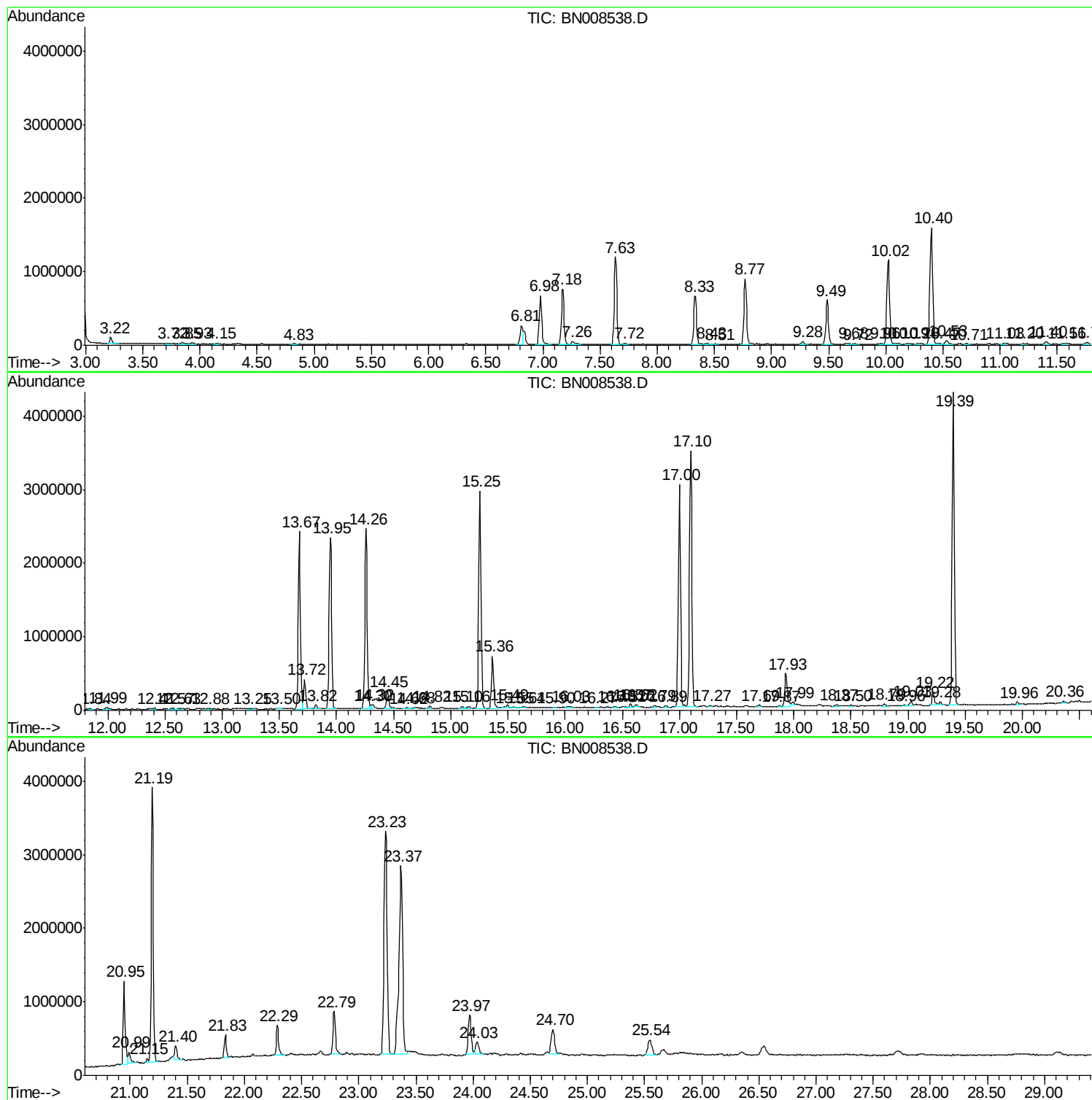
Sum of corrected areas: 69716214

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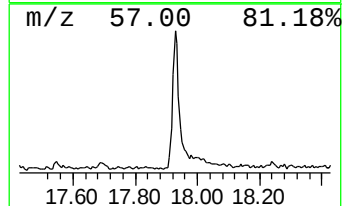
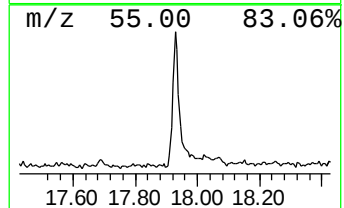
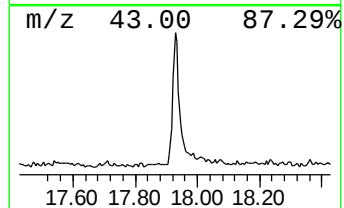
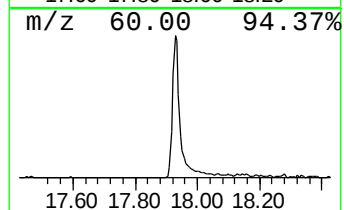
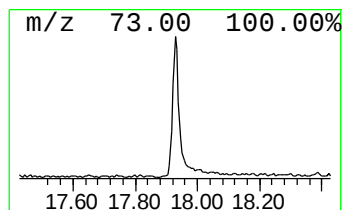
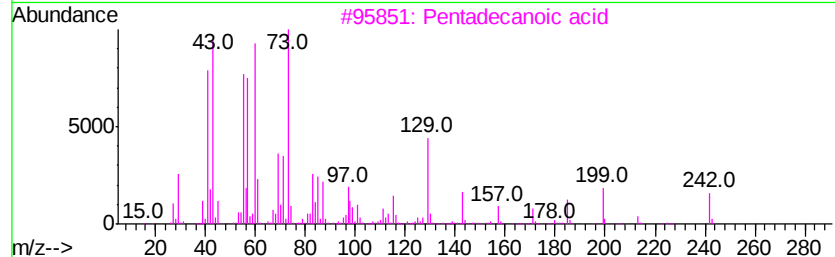
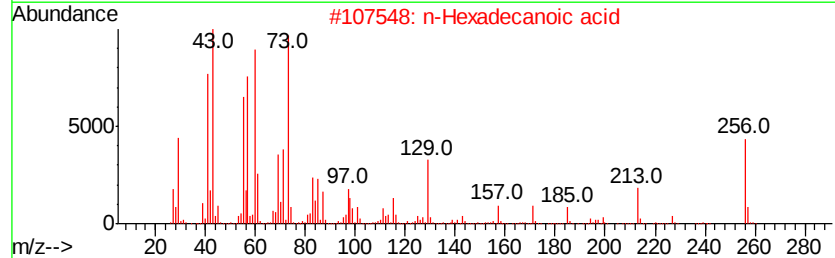
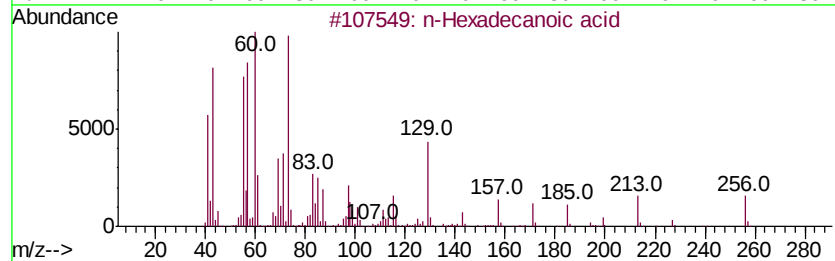
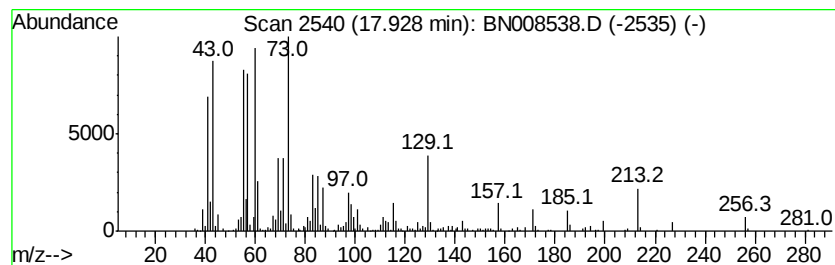
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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	3.48 ng/ul	728698	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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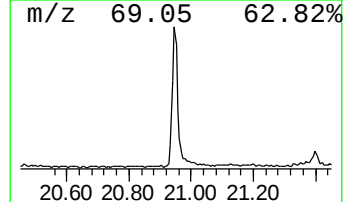
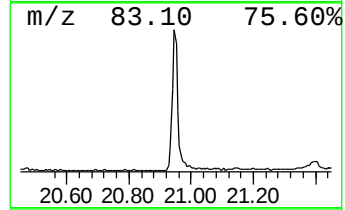
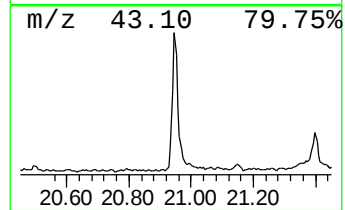
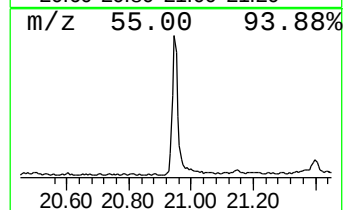
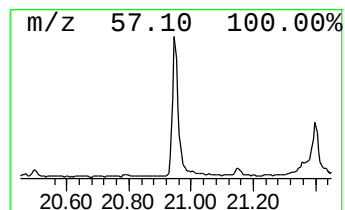
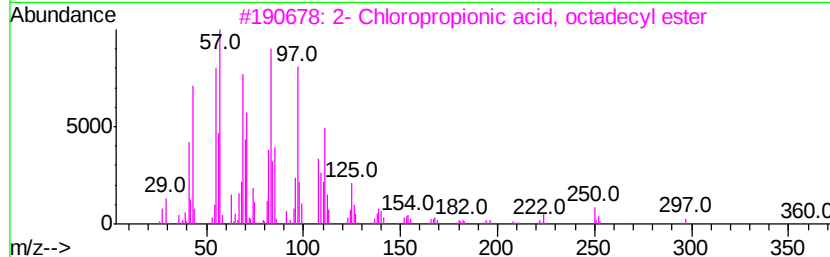
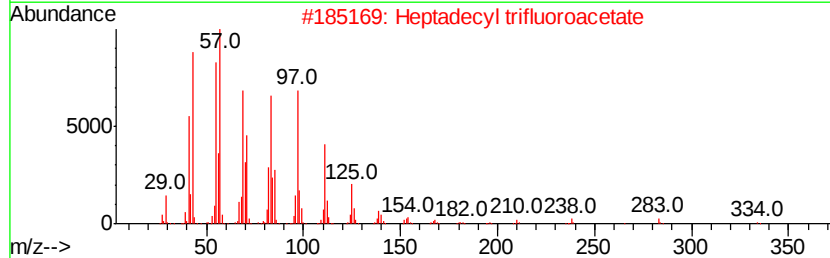
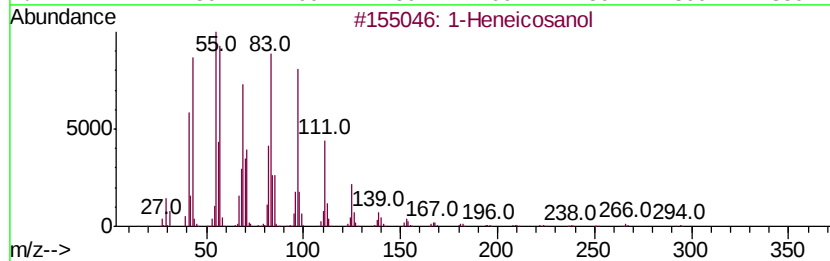
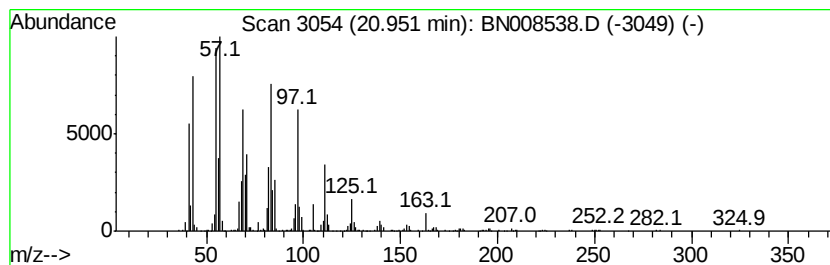
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.18 ng/ul	1448550	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5		Z-5-Nonadecene	266	C19H38	1000131-11-8	91



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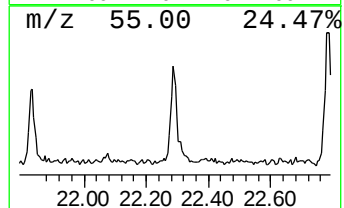
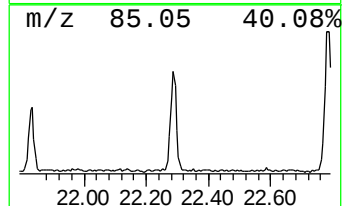
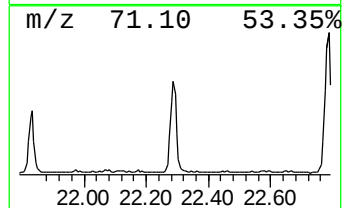
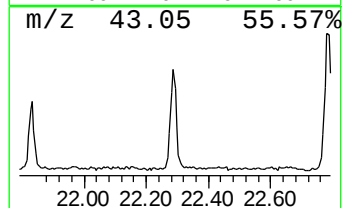
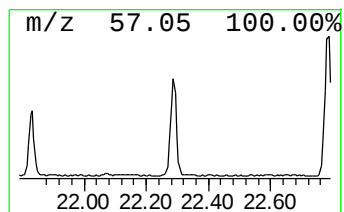
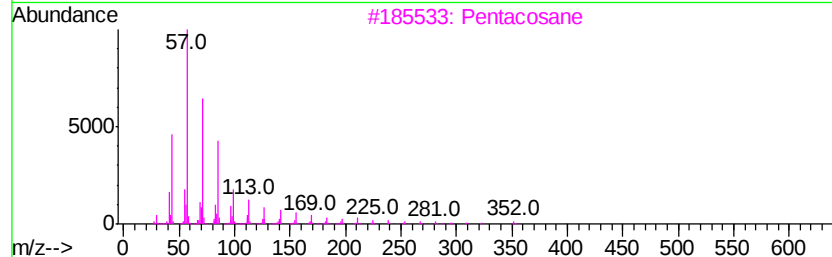
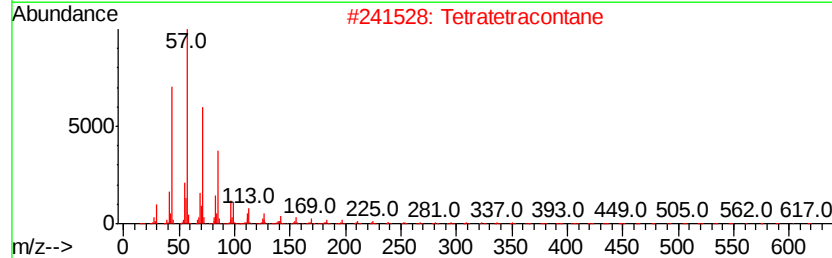
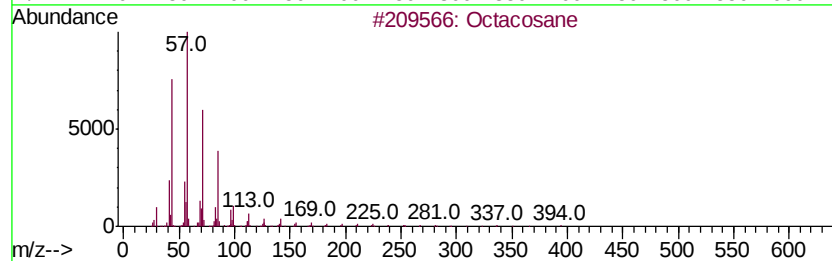
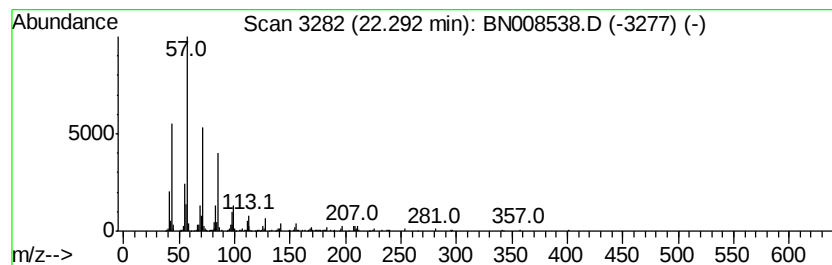
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.03 ng/ul	577359	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008538.D
Acq On : 14 Nov 2019 01:12
Operator : JU
Sample : K5679-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM4

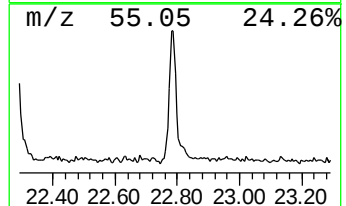
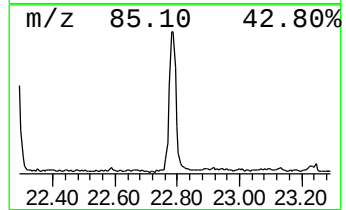
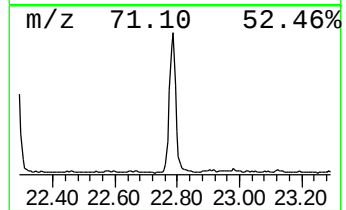
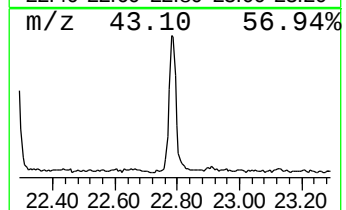
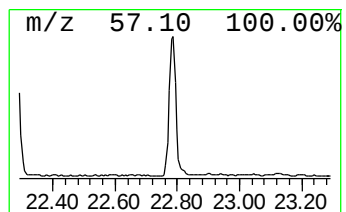
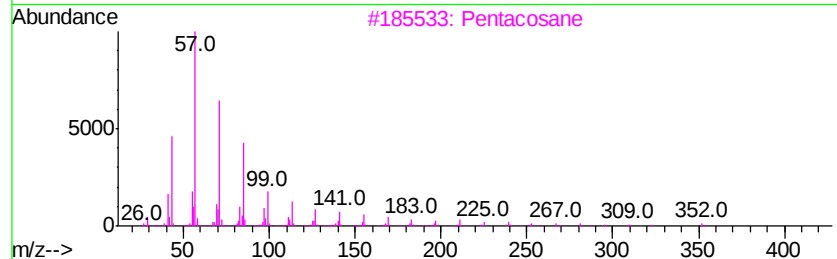
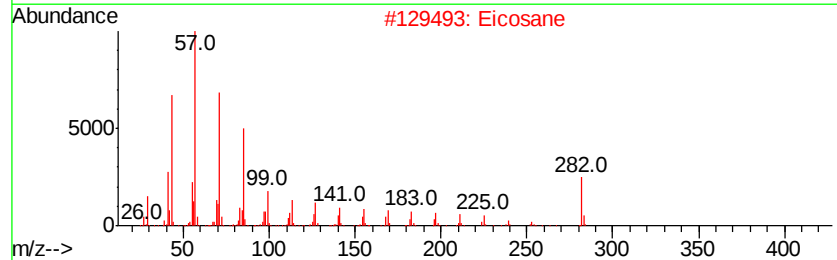
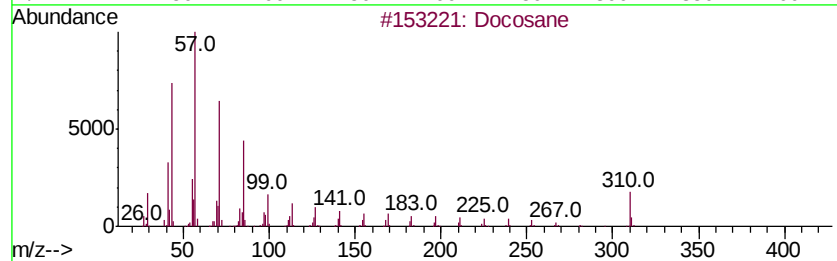
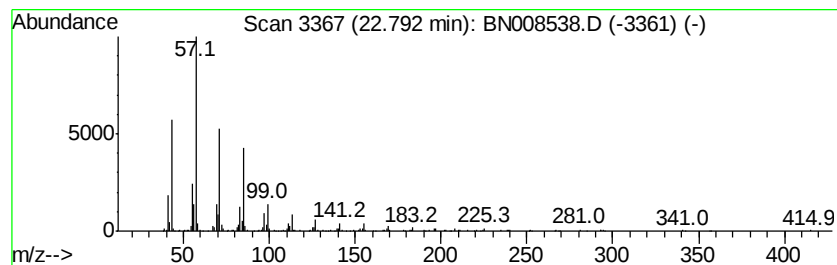
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.04 ng/ul	864868	Perylene-d12	23.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	94
2			Eicosane	282	C20H42	000112-95-8	91
3			Pentacosane	352	C25H52	000629-99-2	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008538.D
Acq On : 14 Nov 2019 01:12
Operator : JU
Sample : K5679-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM4

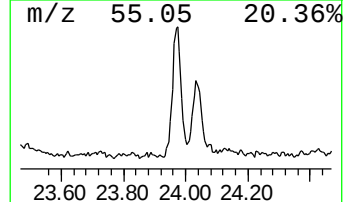
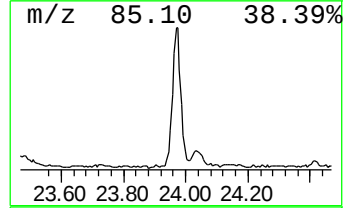
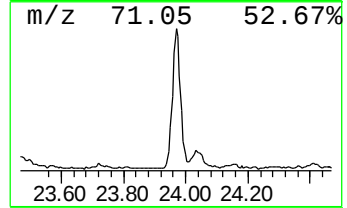
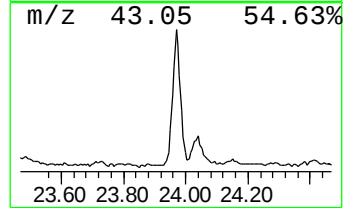
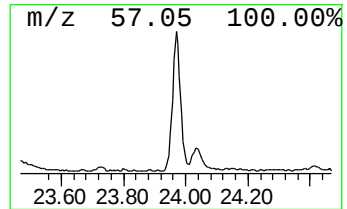
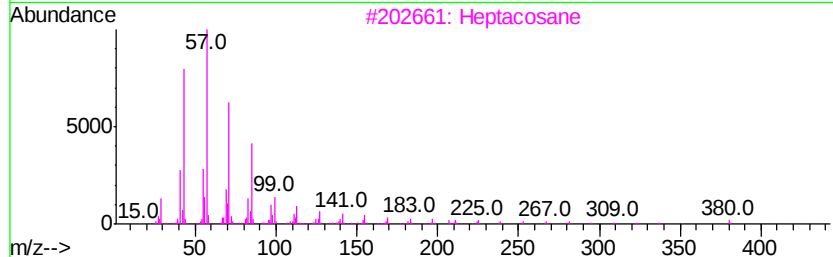
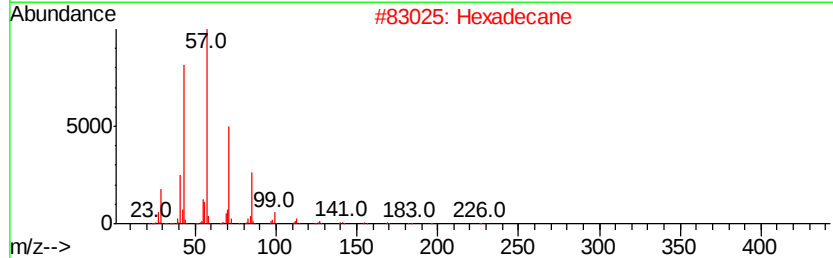
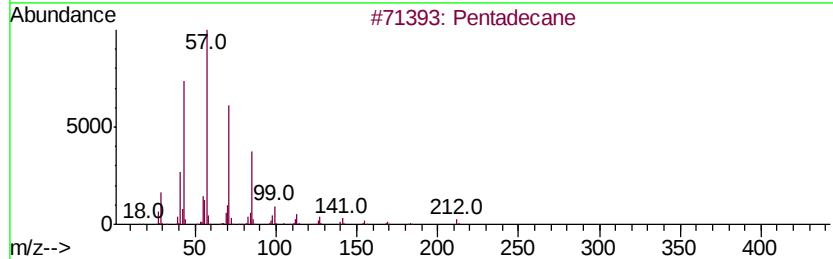
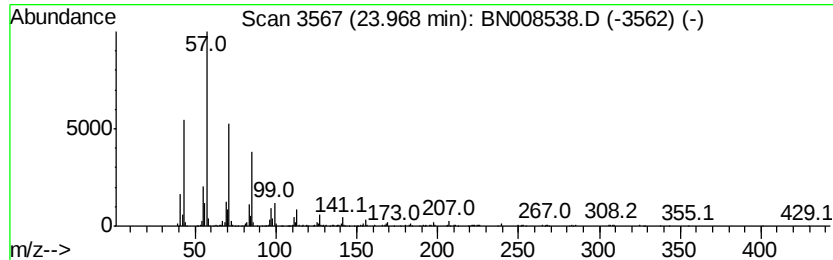
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.33 ng/ul	948693	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Heptacosane	380	C27H56	000593-49-7	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 : BN008538.D
 Acq On : 14 Nov 2019 01:12
 Operator : JU
 Sample : K5679-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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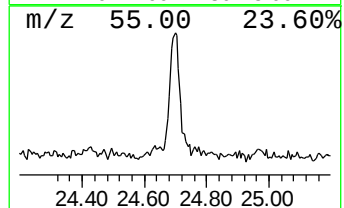
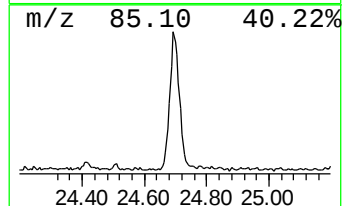
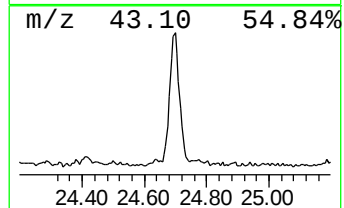
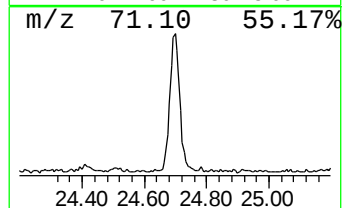
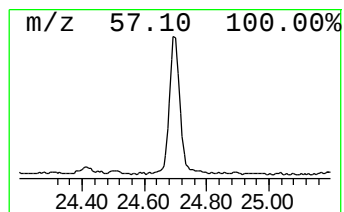
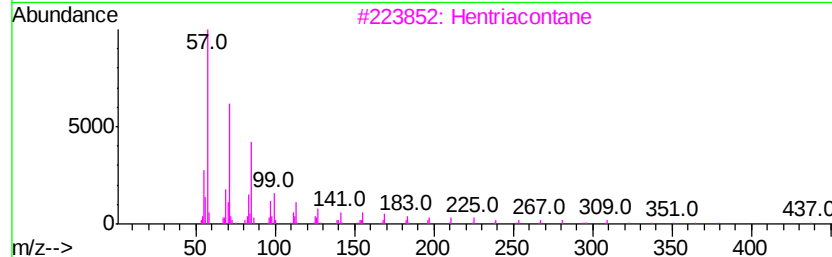
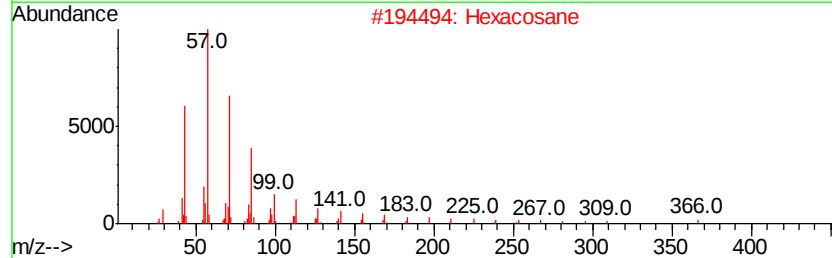
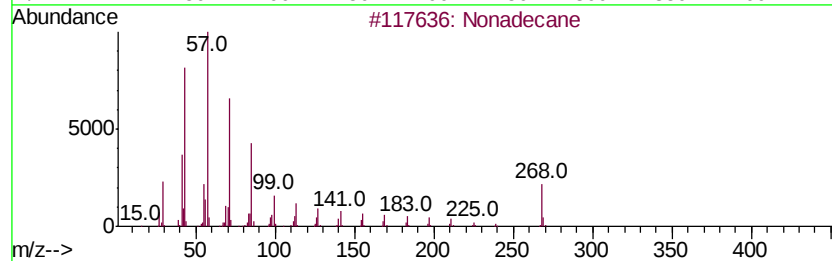
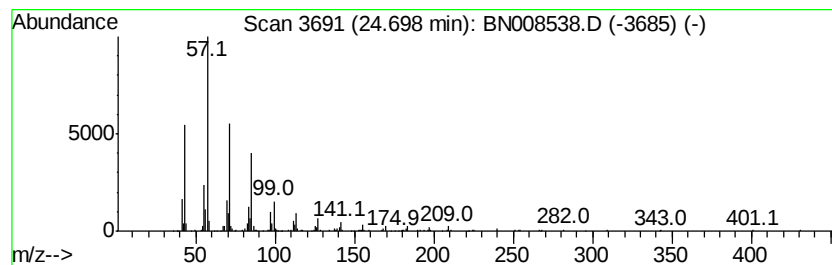
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.48 ng/ul	705405	Perylene-d12	23.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008538.D
Acq On : 14 Nov 2019 01:12
Operator : JU
Sample : K5679-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM4

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	3.5	ng/ul	728698	4	17.00	4184420	20.0
1-Heneicosanol	20.95	6.2	ng/ul	1448550	5	21.19	4689750	20.0
(DEL) Alkane: Str...	22.29	2.0	ng/ul	577359	6	23.37	5694190	20.0
(DEL) Alkane: Str...	22.79	3.0	ng/ul	864868	6	23.37	5694190	20.0
(DEL) Alkane: Str...	23.97	3.3	ng/ul	948693	6	23.37	5694190	20.0
(DEL) Alkane: Str...	24.70	2.5	ng/ul	705405	6	23.37	5694190	20.0