

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008541.D
 Acq On : 14 Nov 2019 03:00
 Operator : JU
 Sample : K5679-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0CM7

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	46	rBV	98668	123414	1.98%	0.170%
2	3.846	143	146	152	rVB6	15925	23029	0.37%	0.032%
3	3.928	157	160	165	rVB3	17945	24156	0.39%	0.033%
4	4.140	193	196	202	rVB7	11162	15861	0.26%	0.022%
5	4.834	309	314	317	rVB5	8300	13608	0.22%	0.019%
6	6.328	563	568	575	rBV8	7604	13004	0.21%	0.018%
7	6.810	644	650	661	rVB3	257861	527293	8.48%	0.728%
8	6.975	672	678	685	rBV	674445	1049302	16.87%	1.449%
9	7.175	704	712	719	rVV	764192	1221229	19.64%	1.686%
10	7.252	720	725	740	rVB	97550	194211	3.12%	0.268%
11	7.634	783	790	798	rVV	1317593	1993775	32.06%	2.753%
12	7.716	798	804	808	rBV5	15850	23201	0.37%	0.032%
13	8.328	900	908	916	rBV	666878	1071396	17.23%	1.479%
14	8.428	920	925	931	rVV7	7379	15204	0.24%	0.021%
15	8.510	934	939	943	rBV6	11810	19777	0.32%	0.027%
16	8.769	973	983	995	rBV	875865	1439252	23.15%	1.987%
17	8.893	1000	1004	1008	rVV7	9854	18269	0.29%	0.025%
18	8.957	1012	1015	1019	rVB4	8683	13403	0.22%	0.019%
19	9.269	1064	1068	1073	rVB	50443	72977	1.17%	0.101%
20	9.487	1098	1105	1113	rBV	615197	991299	15.94%	1.369%
21	9.722	1142	1145	1150	rVB7	5822	10457	0.17%	0.014%
22	10.022	1189	1196	1205	rVV	1179447	1919433	30.87%	2.650%
23	10.099	1205	1209	1213	rVB4	15799	23156	0.37%	0.032%
24	10.187	1219	1224	1230	rBV8	10709	19839	0.32%	0.027%
25	10.399	1252	1260	1268	rBV	1758684	2874269	46.22%	3.969%
26	10.469	1268	1272	1276	rVV6	17766	23298	0.37%	0.032%
27	10.528	1276	1282	1290	rVV2	55812	105160	1.69%	0.145%
28	11.010	1359	1364	1365	rVV4	8667	11408	0.18%	0.016%
29	11.028	1365	1367	1371	rVV3	15466	22181	0.36%	0.031%
30	11.404	1426	1431	1435	rBV5	10003	16443	0.26%	0.023%
31	11.569	1454	1459	1463	rBV7	9135	15108	0.24%	0.021%
32	11.634	1465	1470	1474	rVB7	7699	13690	0.22%	0.019%
33	11.763	1486	1492	1497	rBV2	34555	55647	0.89%	0.077%
34	11.846	1500	1506	1509	rVB5	7685	13337	0.21%	0.018%

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35	11.904	1511	1516	1521	rBV5	8641	17040	0.27%	0.024%
36	11.993	1526	1531	1536	rVB3	24173	37759	0.61%	0.052%
37	12.398	1598	1600	1605	rVB6	7625	10465	0.17%	0.014%
38	12.628	1634	1639	1645	rVB8	14090	22637	0.36%	0.031%
39	12.881	1678	1682	1685	rBV3	9779	13743	0.22%	0.019%
40	13.675	1810	1817	1821	rBV	2382627	3249906	52.26%	4.487%
41	13.722	1821	1825	1830	rVV	367725	506172	8.14%	0.699%
42	13.945	1856	1863	1872	rBV	2449349	3624366	58.29%	5.004%
43	14.204	1903	1907	1909	rBV5	9425	10994	0.18%	0.015%
44	14.257	1909	1916	1923	rVV	2657926	3904749	62.79%	5.391%
45	14.316	1923	1926	1934	rVB3	37304	53965	0.87%	0.075%
46	14.445	1943	1948	1961	rBV2	225519	348973	5.61%	0.482%
47	14.534	1961	1963	1969	rVB6	6044	11109	0.18%	0.015%
48	14.710	1985	1993	1996	rVV8	15031	28785	0.46%	0.040%
49	14.816	2008	2011	2019	rVB4	27363	47721	0.77%	0.066%
50	15.098	2054	2059	2063	rBV3	33219	44117	0.71%	0.061%
51	15.157	2063	2069	2073	rVB5	22033	38518	0.62%	0.053%
52	15.251	2079	2085	2098	rVB	3092981	4435283	71.33%	6.124%
53	15.363	2098	2104	2114	rBV	719502	1013296	16.30%	1.399%
54	15.492	2121	2126	2131	rVB5	41094	76332	1.23%	0.105%
55	15.551	2131	2136	2140	rBV6	17054	25724	0.41%	0.036%
56	15.639	2147	2151	2155	rBV6	19900	27592	0.44%	0.038%
57	15.710	2159	2163	2167	rBV6	6051	10933	0.18%	0.015%
58	15.910	2195	2197	2202	rBV5	9589	12867	0.21%	0.018%
59	15.963	2202	2206	2211	rBV7	11965	23984	0.39%	0.033%
60	16.022	2213	2216	2217	rBV3	14236	16067	0.26%	0.022%
61	16.181	2237	2243	2245	rBV7	9781	18322	0.29%	0.025%
62	16.369	2271	2275	2277	rBV5	9789	10713	0.17%	0.015%
63	16.428	2282	2285	2290	rVV7	19461	28137	0.45%	0.039%
64	16.586	2309	2312	2315	rBV5	9380	12254	0.20%	0.017%
65	16.651	2320	2323	2325	rBV4	9547	11764	0.19%	0.016%
66	16.757	2335	2341	2342	rBV6	12200	20911	0.34%	0.029%
67	16.786	2344	2346	2348	rVV	19996	23196	0.37%	0.032%
68	16.810	2348	2350	2354	rVB3	24756	24535	0.39%	0.034%
69	16.945	2368	2373	2374	rBV5	9178	13577	0.22%	0.019%
70	16.998	2374	2382	2389	rBV	3285264	4606978	74.09%	6.361%
71	17.098	2392	2399	2409	rVB	3573597	4990256	80.25%	6.890%

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72	17.204	2414	2417	2421	rVB6	19653	27334	0.44%	0.038%
73	17.798	2515	2518	2521	rBV5	13475	16281	0.26%	0.022%
74	17.933	2535	2541	2548	rBV	644809	998553	16.06%	1.379%
75	18.222	2586	2590	2598	rVB9	22571	54523	0.88%	0.075%
76	18.792	2683	2687	2692	rVB7	36173	50573	0.81%	0.070%
77	18.880	2700	2702	2706	rVB5	10533	11483	0.18%	0.016%
78	19.027	2722	2727	2731	rBV	64416	97889	1.57%	0.135%
79	19.069	2731	2734	2736	rVV3	39887	54842	0.88%	0.076%
80	19.092	2736	2738	2743	rVB6	37115	49147	0.79%	0.068%
81	19.222	2755	2760	2767	rBV	309275	479664	7.71%	0.662%
82	19.280	2767	2770	2774	rVB2	46897	73748	1.19%	0.102%
83	19.398	2783	2790	2796	rBV	4143519	5884298	94.63%	8.125%
84	19.957	2881	2885	2888	rBV4	34518	50649	0.81%	0.070%
85	20.357	2950	2953	2959	rVB8	31651	46881	0.75%	0.065%
86	20.469	2970	2972	2974	rBV3	25577	20838	0.34%	0.029%
87	20.498	2975	2977	2981	rVB4	34454	32776	0.53%	0.045%
88	20.945	3049	3053	3058	rBV	900722	1222034	19.65%	1.687%
89	20.992	3058	3061	3069	rVB	153785	257293	4.14%	0.355%
90	21.151	3085	3088	3090	rBV3	48199	52661	0.85%	0.073%
91	21.198	3090	3096	3102	rVB	3858490	5018792	80.71%	6.930%
92	21.398	3127	3130	3136	rVB	190932	216109	3.48%	0.298%
93	21.833	3200	3204	3210	rVB	362173	424155	6.82%	0.586%
94	22.286	3277	3281	3288	rVB	492303	649566	10.45%	0.897%
95	22.786	3361	3366	3375	rVB	656558	1004926	16.16%	1.388%
96	23.233	3435	3442	3452	rVB	3165684	5692331	91.54%	7.859%
97	23.374	3455	3466	3479	rVB2	2808801	6218318	100.00%	8.586%
98	23.974	3561	3568	3574	rBV	572825	1136044	18.27%	1.569%
99	24.698	3685	3691	3697	rVB	357344	728333	11.71%	1.006%
100	25.545	3830	3835	3846	rVB2	198383	495434	7.97%	0.684%

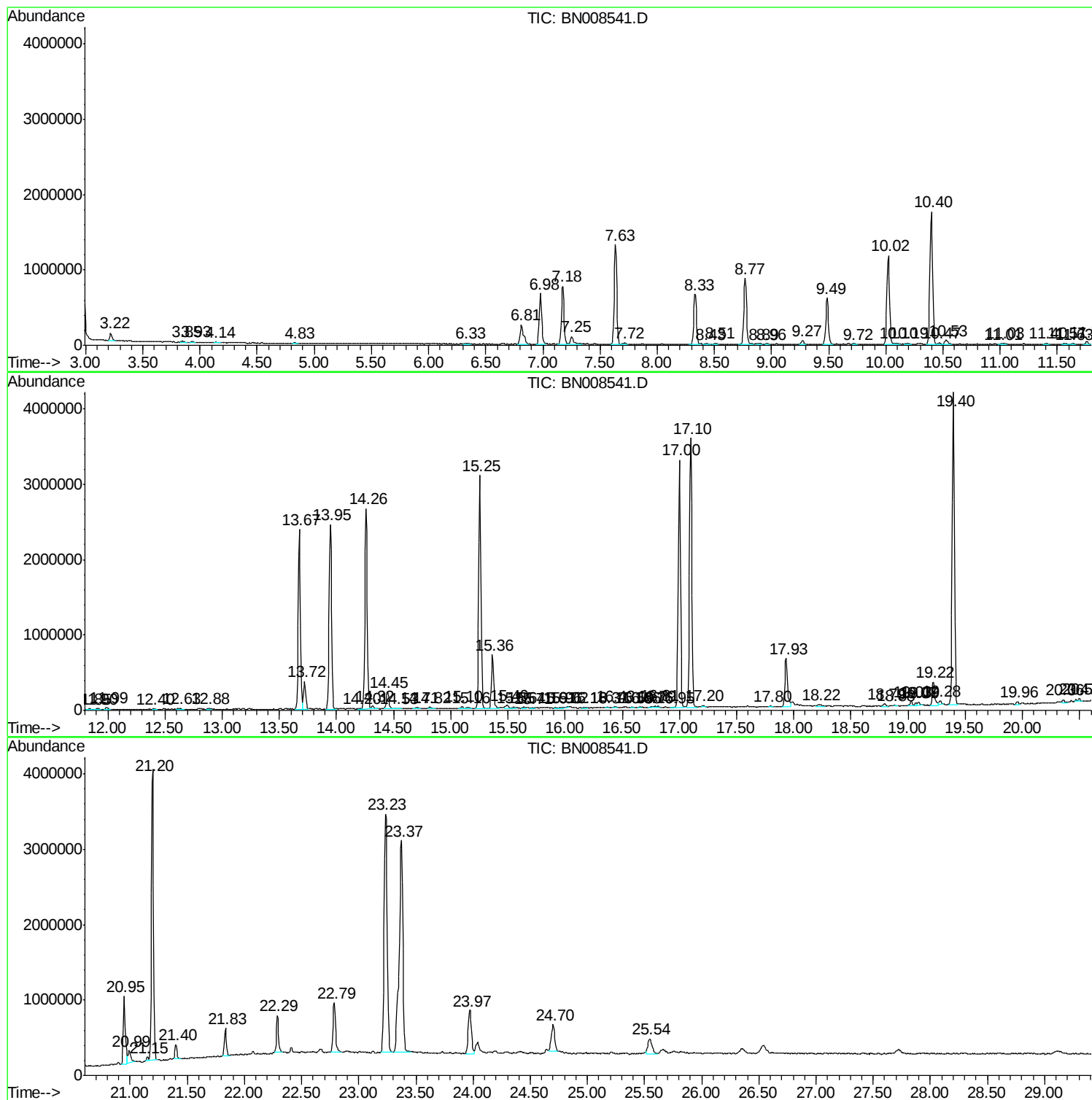
Sum of corrected areas: 72426301

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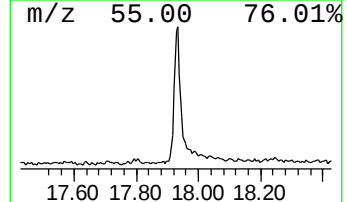
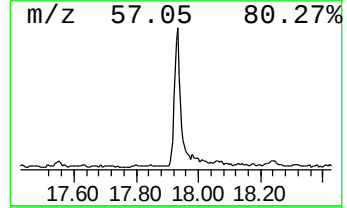
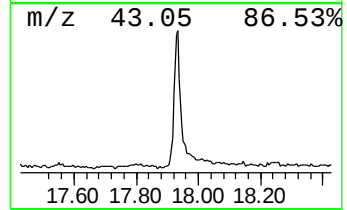
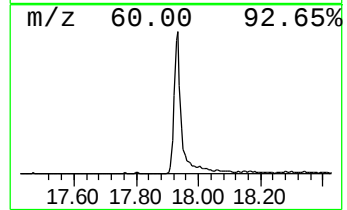
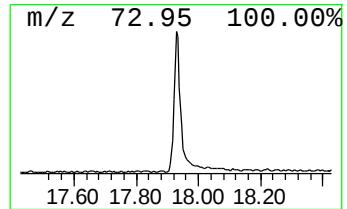
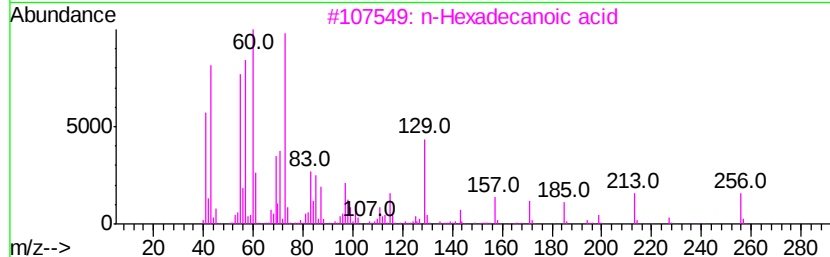
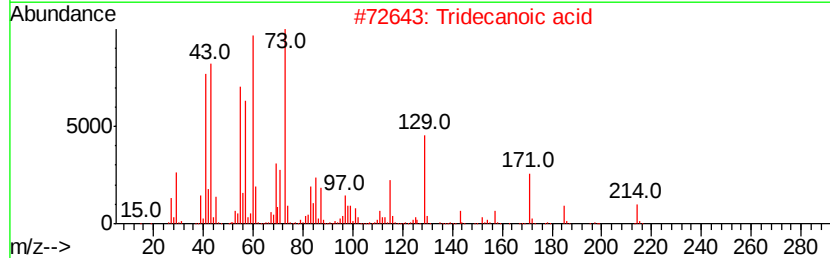
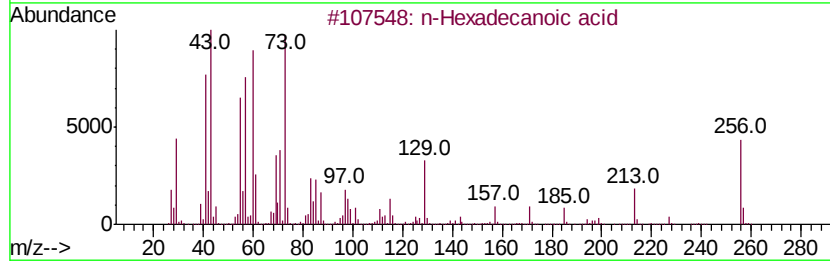
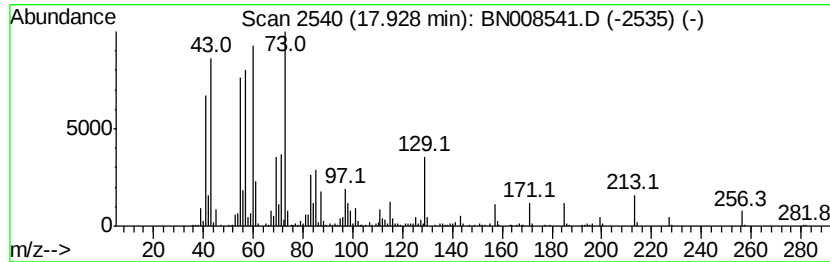
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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	4.33 ng/ul	998553	Phenanthrene-d10	17.00	
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	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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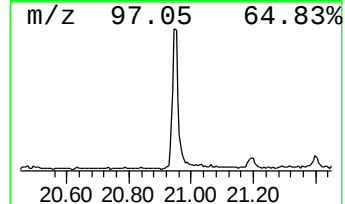
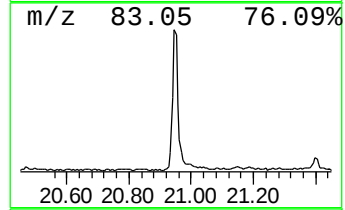
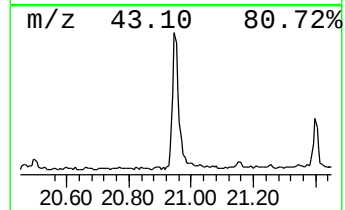
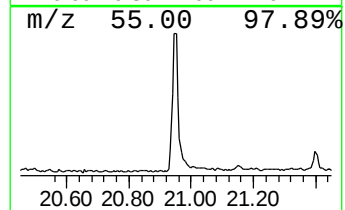
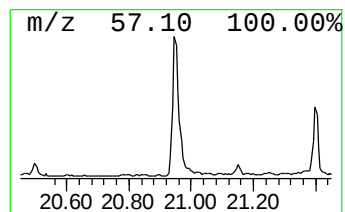
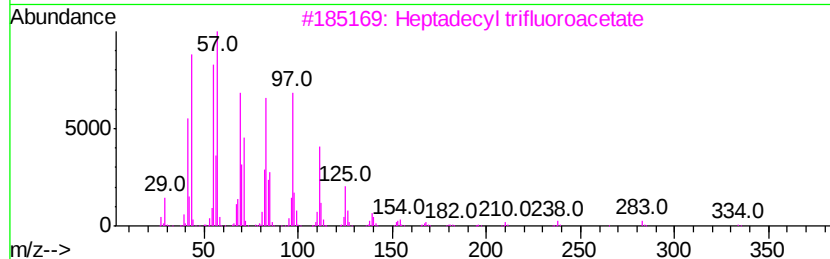
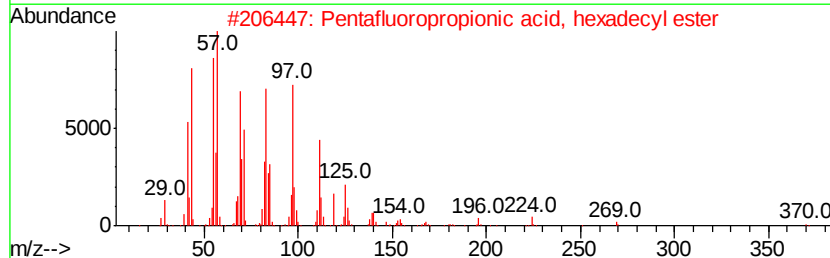
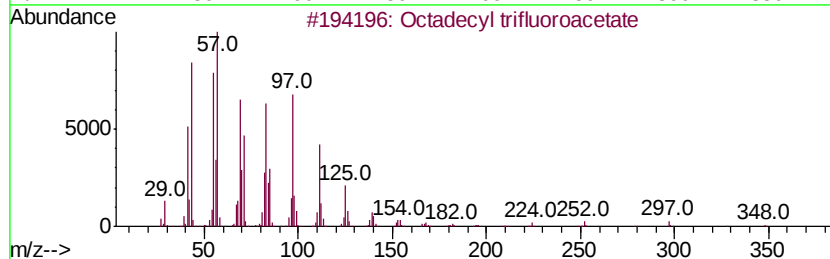
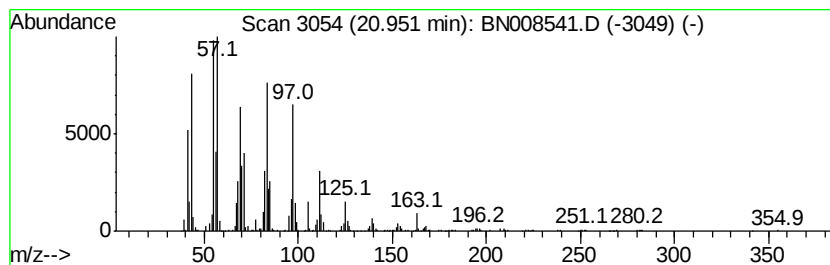
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.87 ng/ul	1222030	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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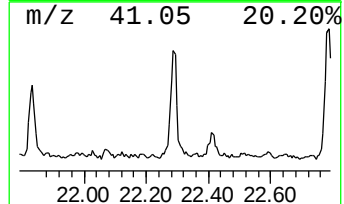
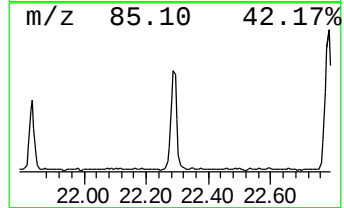
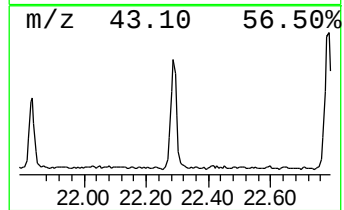
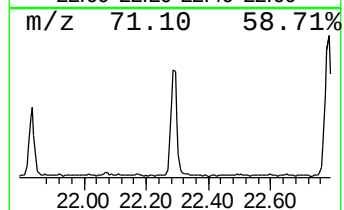
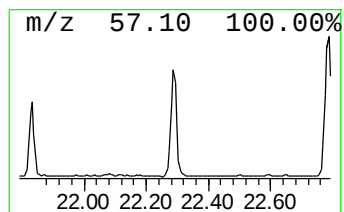
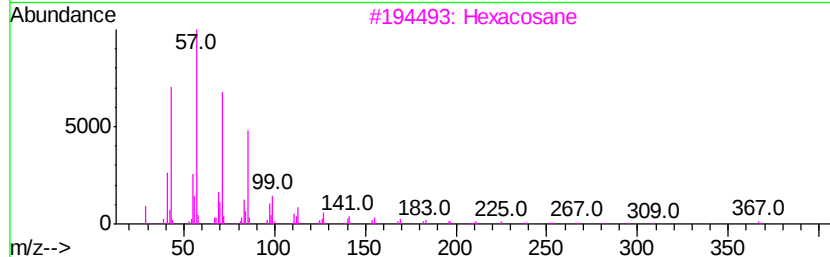
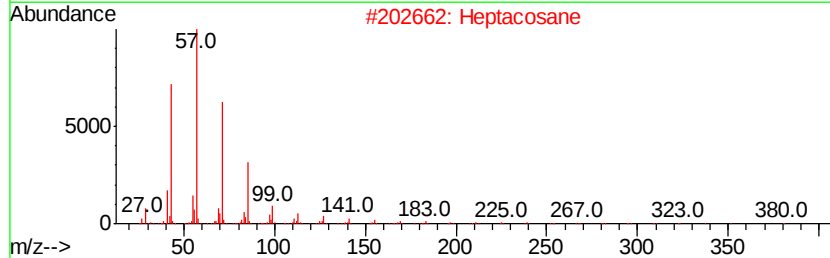
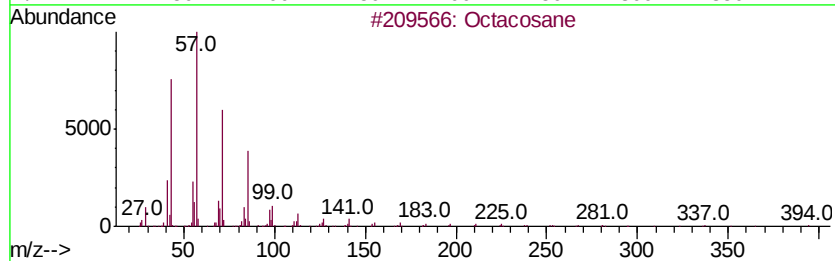
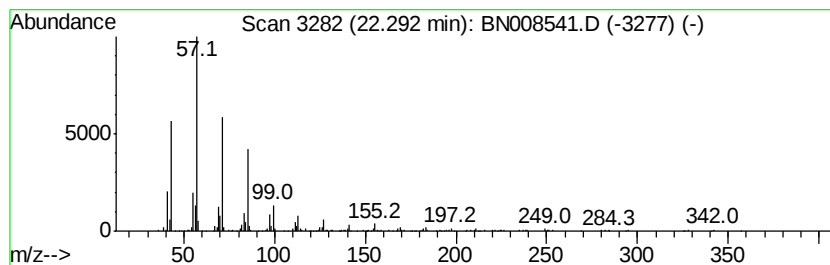
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.59 ng/ul	649566	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008541.D
Acq On : 14 Nov 2019 03:00
Operator : JU
Sample : K5679-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM7

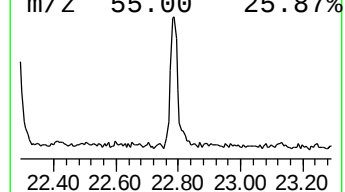
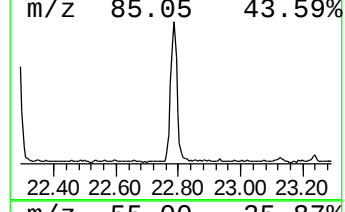
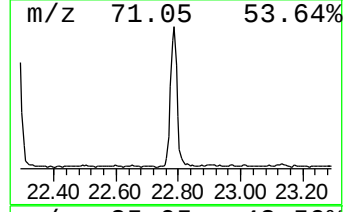
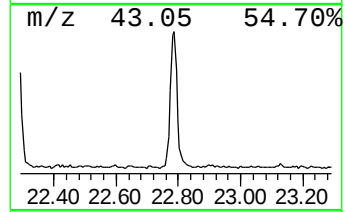
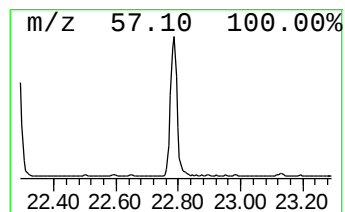
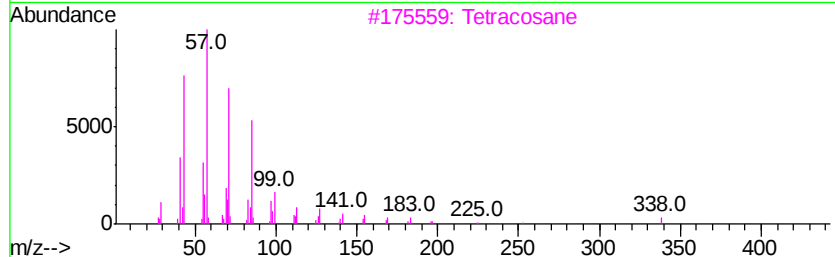
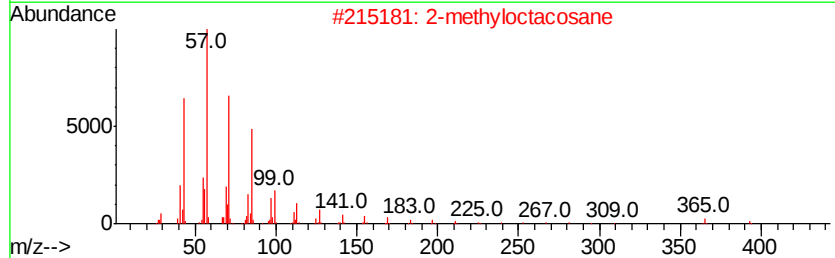
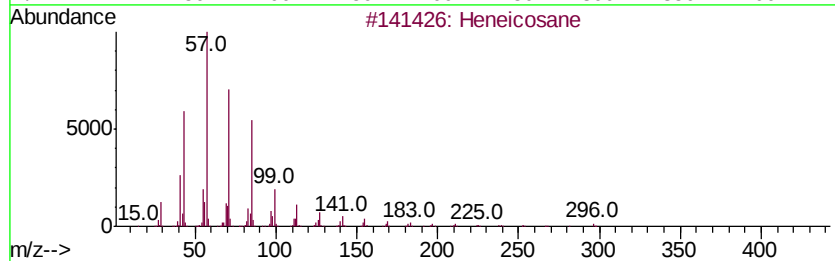
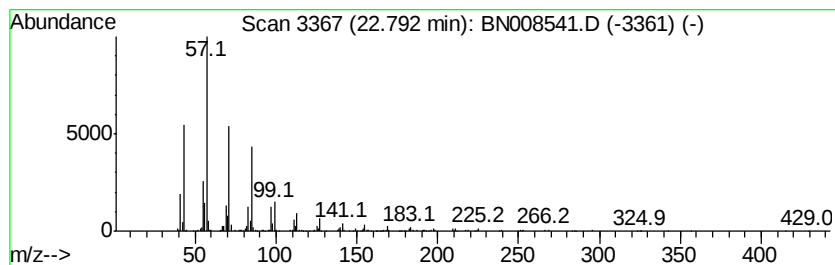
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Quant Title : SVOA CALIBRATION

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	3.23 ng/ul	1004930	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008541.D
Acq On : 14 Nov 2019 03:00
Operator : JU
Sample : K5679-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM7

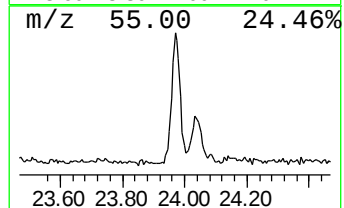
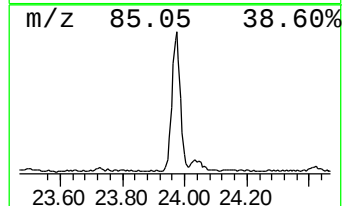
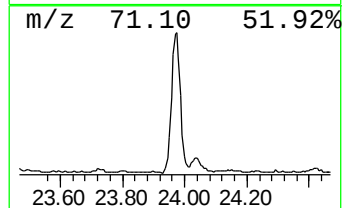
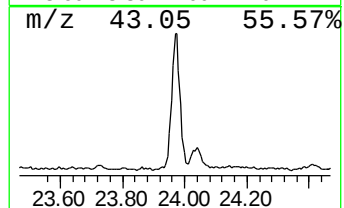
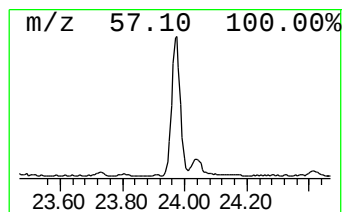
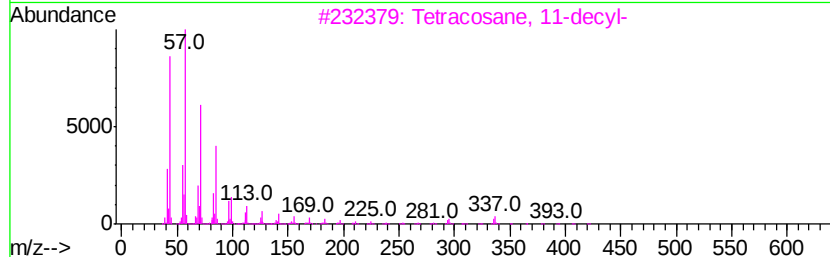
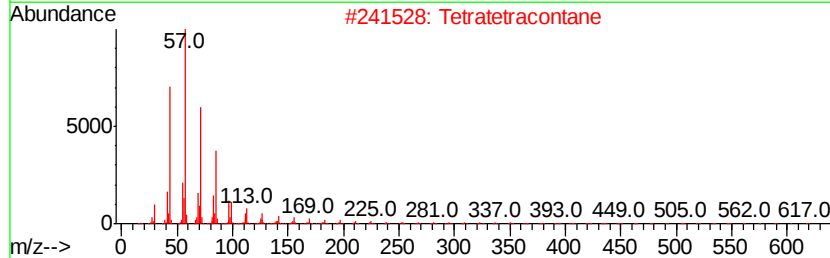
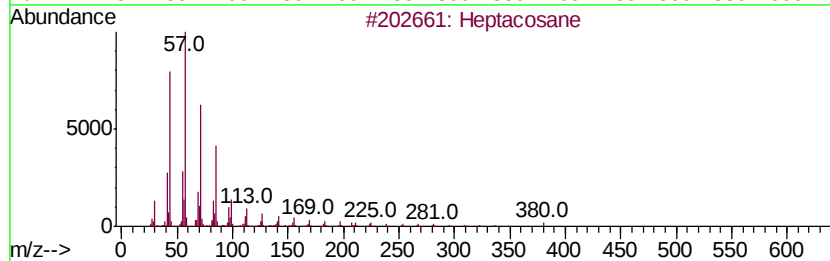
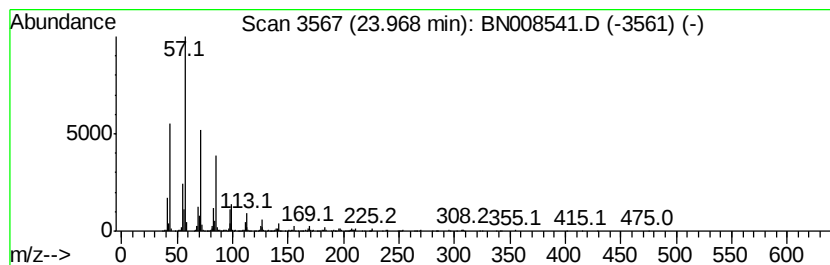
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Quant Title : SVOA CALIBRATION

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	3.65 ng/ul	1136040	Perylene-d12	23.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008541.D
Acq On : 14 Nov 2019 03:00
Operator : JU
Sample : K5679-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM7

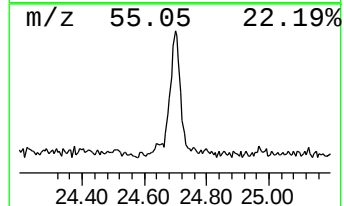
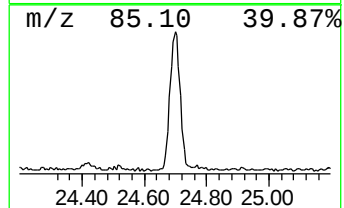
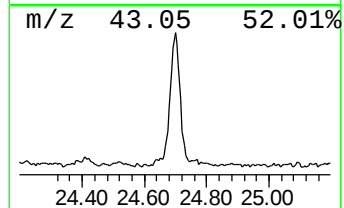
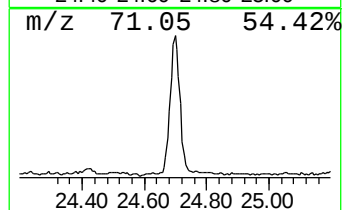
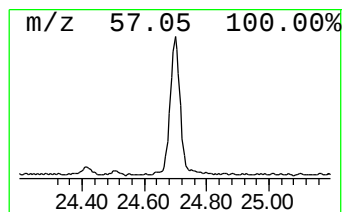
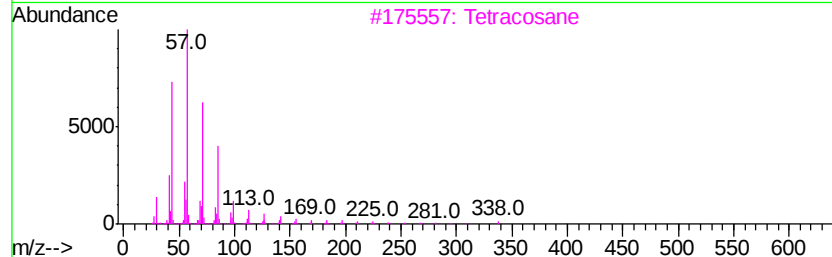
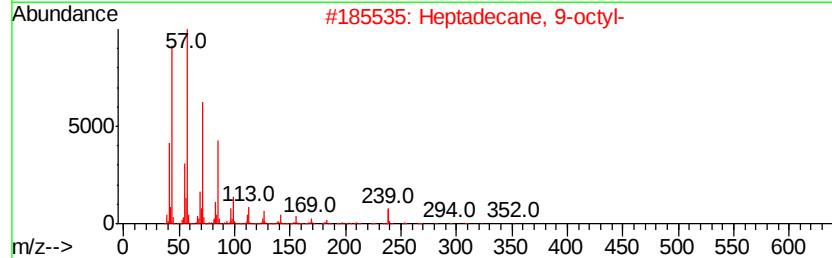
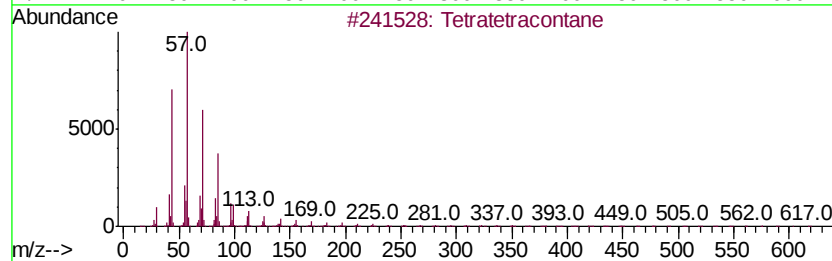
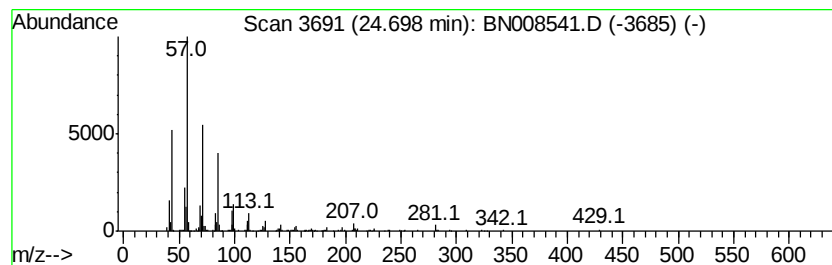
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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.
24.70	2.34 ng/ul	728333	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008541.D
Acq On : 14 Nov 2019 03:00
Operator : JU
Sample : K5679-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CM7

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	4.3	ng/ul	998553	4	17.00	4606980	20.0
Octadecyl trifluo...	20.95	4.9	ng/ul	1222030	5	21.20	5018790	20.0
(DEL) Alkane: Str...	22.29	2.6	ng/ul	649566	5	21.20	5018790	20.0
(DEL) Alkane: Str...	22.79	3.2	ng/ul	1004930	6	23.37	6218320	20.0
(DEL) Alkane: Str...	23.97	3.6	ng/ul	1136040	6	23.37	6218320	20.0
(DEL) Alkane: Str...	24.70	2.3	ng/ul	728333	6	23.37	6218320	20.0