

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005603.D
 Acq On : 10 May 2019 23:42
 Operator : JU/SJ
 Sample : K2613-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHD4

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-BN041919MA.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	3.205	34	37	41	rBV2	30420	39218	0.93%	0.082%
2	6.763	636	642	655	rBV	558053	1026939	24.39%	2.148%
3	6.928	664	670	684	rVB	474298	766772	18.21%	1.604%
4	7.116	696	702	716	rVB	619646	1035706	24.59%	2.167%
5	7.581	775	781	790	rBV	679409	1083133	25.72%	2.266%
6	8.281	894	900	912	rBV	750347	1318203	31.30%	2.758%
7	8.722	968	975	987	rBV	629122	1089115	25.86%	2.278%
8	9.157	1044	1049	1055	rVB3	14027	20682	0.49%	0.043%
9	9.440	1090	1097	1109	rBV	544456	940342	22.33%	1.967%
10	9.975	1180	1188	1196	rBV	762704	1370478	32.54%	2.867%
11	10.340	1243	1250	1258	rBV	965675	1593797	37.85%	3.334%
12	10.487	1267	1275	1293	rBV	713460	1445505	34.33%	3.024%
13	11.969	1520	1527	1535	rVB4	7820	18832	0.45%	0.039%
14	13.634	1803	1810	1814	rBV	1617483	2253443	53.51%	4.714%
15	13.681	1814	1818	1828	rVB	456833	679923	16.15%	1.422%
16	13.904	1849	1856	1869	rBV	1840677	2727753	64.77%	5.706%
17	14.134	1891	1895	1900	rBV3	4549	7162	0.17%	0.015%
18	14.216	1903	1909	1921	rVB2	1450775	2174185	51.63%	4.548%
19	14.439	1941	1947	1965	rBV	426863	887530	21.08%	1.857%
20	14.575	1968	1970	1976	rVB4	5651	9774	0.23%	0.020%
21	14.828	2009	2013	2016	rBV5	2787	4994	0.12%	0.010%
22	14.981	2034	2039	2045	rBV4	4626	7892	0.19%	0.017%
23	15.034	2045	2048	2053	rVV3	3796	6575	0.16%	0.014%
24	15.098	2053	2059	2062	rVB3	7724	10830	0.26%	0.023%
25	15.216	2073	2079	2090	rBV	2304800	3310369	78.61%	6.925%
26	15.363	2095	2104	2116	rBV	481180	833382	19.79%	1.743%
27	15.457	2116	2120	2126	rVB	28337	40486	0.96%	0.085%
28	15.645	2151	2152	2157	rVB3	3655	4874	0.12%	0.010%
29	15.804	2174	2179	2180	rBV4	3642	5987	0.14%	0.013%
30	15.851	2183	2187	2190	rVV5	3383	4999	0.12%	0.010%
31	15.910	2190	2197	2202	rVV5	2968	7698	0.18%	0.016%
32	15.957	2202	2205	2208	rVV3	9348	12911	0.31%	0.027%
33	16.004	2210	2213	2220	rVB4	10957	18495	0.44%	0.039%
34	16.133	2229	2235	2240	rVB4	6230	11082	0.26%	0.023%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005603.D
 Acq On : 10 May 2019 23:42
 Operator : JU/SJ
 Sample : K2613-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHD4

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-BN041919MA.M
 Title : SVOA CALIBRATION

35	16.410	2280	2282	2290	rVB5	3591	5901	0.14%	0.012%
36	16.757	2338	2341	2345	rBV5	11957	18660	0.44%	0.039%
37	16.898	2364	2365	2371	rVB5	4116	5270	0.13%	0.011%
38	16.969	2371	2377	2388	rBV2	1795425	2616534	62.13%	5.474%
39	17.069	2388	2394	2408	rVV2	2433880	3683062	87.46%	7.705%
40	17.269	2427	2428	2430	rBV2	5481	5162	0.12%	0.011%
41	17.357	2437	2443	2444	rBV3	4822	5978	0.14%	0.013%
42	17.386	2444	2448	2450	rBV4	7779	11748	0.28%	0.025%
43	17.492	2463	2466	2470	rBV3	7808	8042	0.19%	0.017%
44	17.669	2492	2496	2499	rBV5	4301	6812	0.16%	0.014%
45	17.775	2509	2514	2515	rBV5	5276	7525	0.18%	0.016%
46	17.892	2528	2534	2549	rBV	213820	426544	10.13%	0.892%
47	18.186	2579	2584	2588	rBV5	19485	28487	0.68%	0.060%
48	18.769	2681	2683	2690	rVB7	4996	6990	0.17%	0.015%
49	18.833	2690	2694	2699	rBV4	13865	19142	0.45%	0.040%
50	18.945	2710	2713	2714	rBV2	6868	5547	0.13%	0.012%
51	19.022	2721	2726	2730	rBV	26797	44039	1.05%	0.092%
52	19.186	2750	2754	2763	rBV4	51784	103268	2.45%	0.216%
53	19.269	2765	2768	2774	rVB2	29216	43528	1.03%	0.091%
54	19.386	2781	2788	2797	rBV	2875945	4211191	100.00%	8.810%
55	19.457	2797	2800	2806	rVV4	25690	30742	0.73%	0.064%
56	19.516	2808	2810	2813	rVB4	4755	4509	0.11%	0.009%
57	19.963	2882	2886	2891	rVB2	27707	33378	0.79%	0.070%
58	20.327	2944	2948	2954	rBV7	31697	50910	1.21%	0.107%
59	20.463	2967	2971	2975	rBV2	60334	69920	1.66%	0.146%
60	20.757	3019	3021	3022	rBV2	8471	5575	0.13%	0.012%
61	20.927	3046	3050	3068	rBV	328636	638076	15.15%	1.335%
62	21.133	3082	3085	3090	rBV3	20170	25693	0.61%	0.054%
63	21.204	3091	3097	3105	rBV	1976652	2693897	63.97%	5.636%
64	21.374	3122	3126	3130	rBV	150578	157646	3.74%	0.330%
65	21.804	3195	3199	3206	rBV	187730	248326	5.90%	0.519%
66	22.263	3272	3277	3281	rBV	274661	344430	8.18%	0.721%
67	22.380	3294	3297	3303	rVB	80400	110112	2.61%	0.230%
68	22.757	3356	3361	3368	rBV	272976	396210	9.41%	0.829%
69	22.921	3387	3389	3394	rVB3	38131	41630	0.99%	0.087%
70	23.262	3440	3447	3452	rBV	1825845	3290873	78.15%	6.884%
71	23.304	3452	3454	3462	rVV	291058	429889	10.21%	0.899%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

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-BN041919MA.M
Title : SVOA CALIBRATION

72	23.398	3463	3470	3485	rVB	1191930	2325836	55.23%	4.866%
73	23.933	3556	3561	3569	rVB	220521	385020	9.14%	0.805%
74	24.651	3678	3683	3694	rVB2	156910	320042	7.60%	0.670%
75	25.492	3822	3826	3833	rVB4	81590	166019	3.94%	0.347%

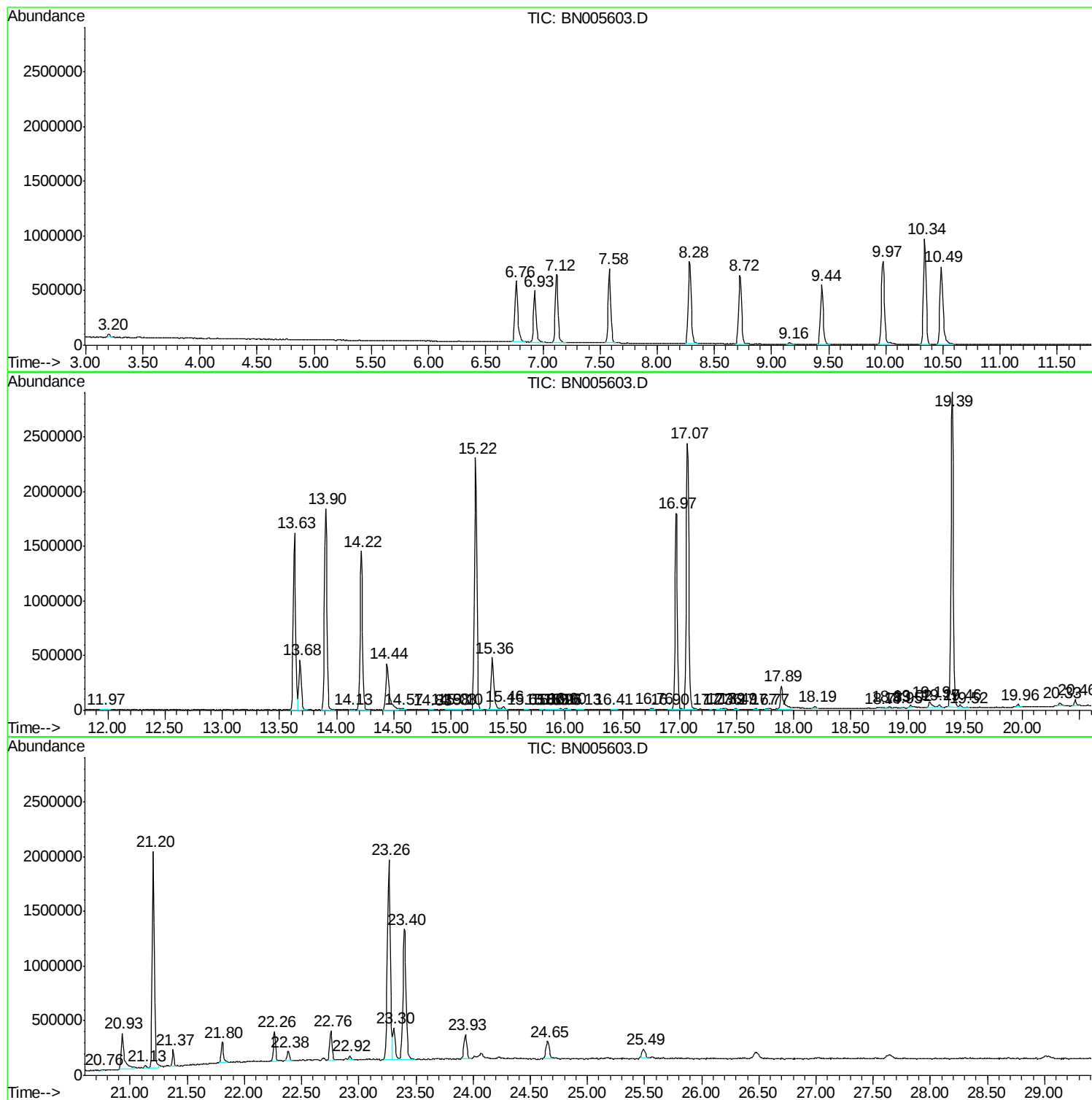
Sum of corrected areas: 47801229

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

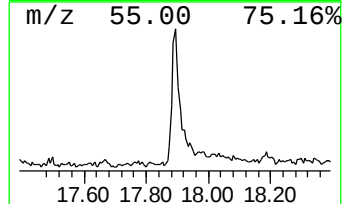
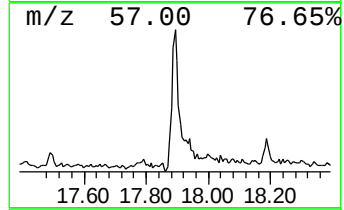
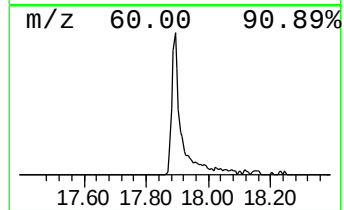
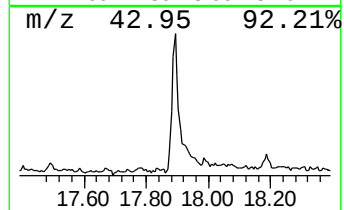
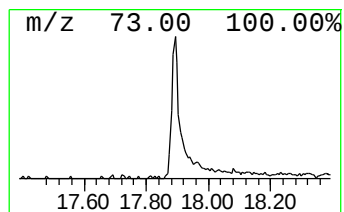
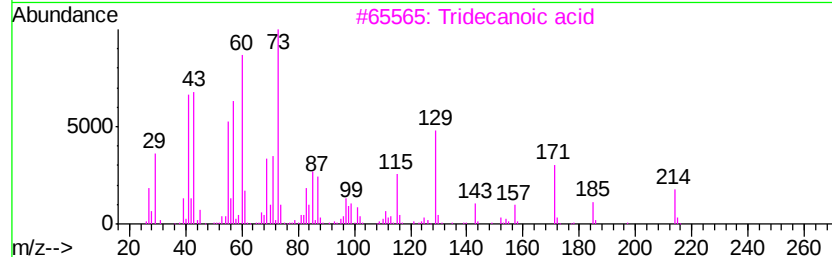
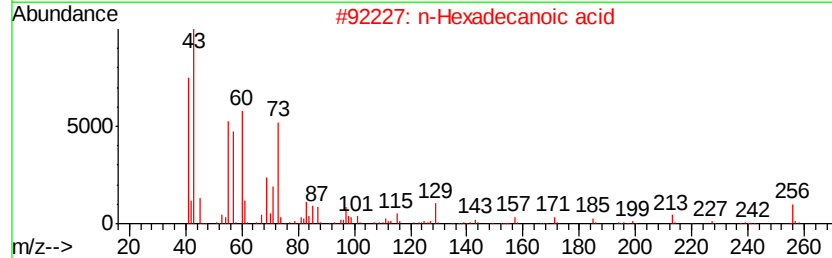
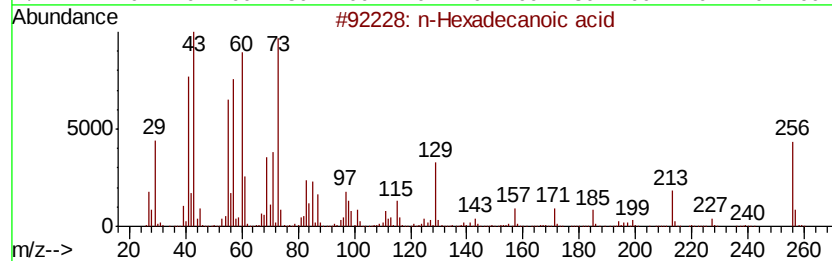
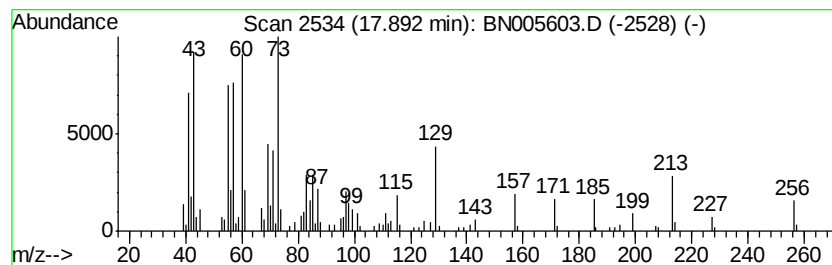
Instrument :
BNA_N
ClientSampleId :
BFHD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	3.26 ng/ul	426544	Phenanthrene-d10		16.97	
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	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Undecanoic acid		186	C11H22O2	000112-37-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

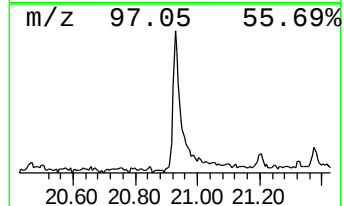
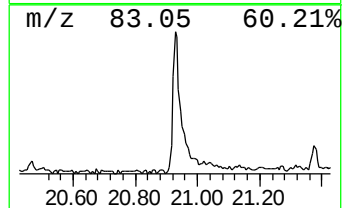
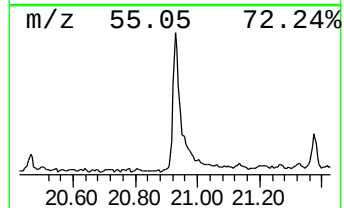
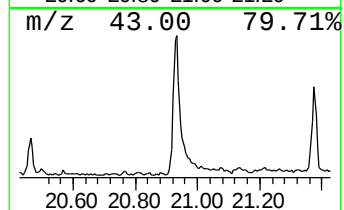
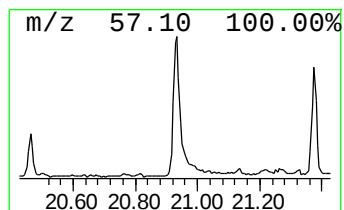
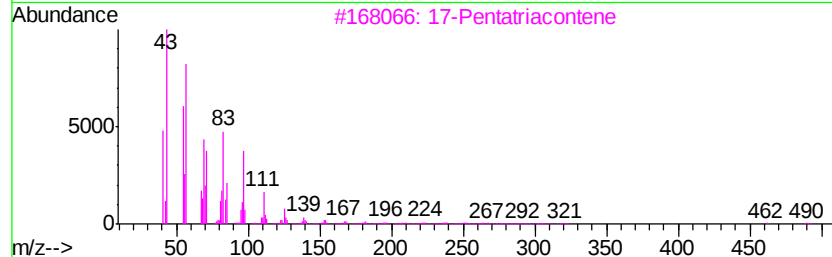
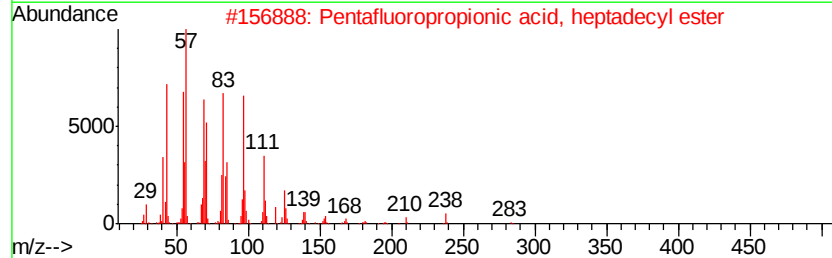
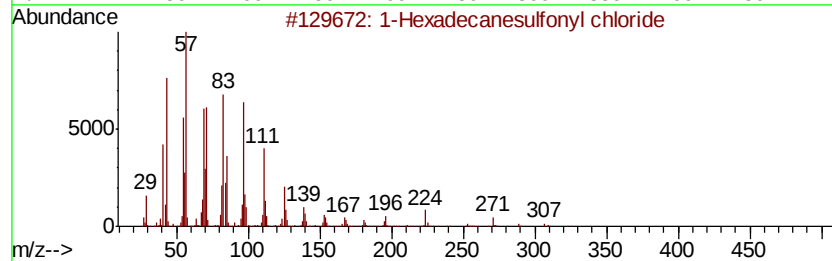
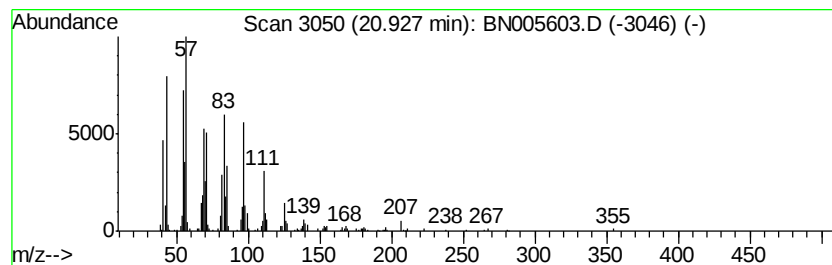
Instrument :
BNA_N
ClientSampleId :
BFHD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexadecanesulfonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.93	4.74 ng/ul	638076	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91	
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91	
3	17-Pentatriacontene	491	C35H70	006971-40-0	91	
4	17-Pentatriacontene	491	C35H70	006971-40-0	91	
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

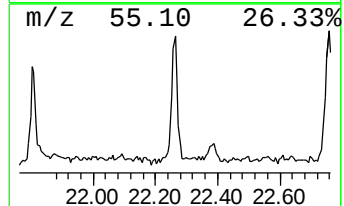
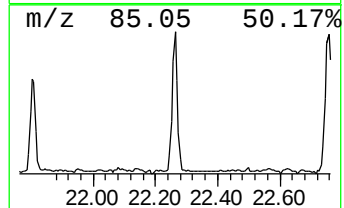
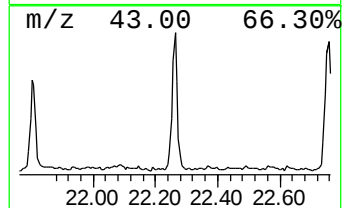
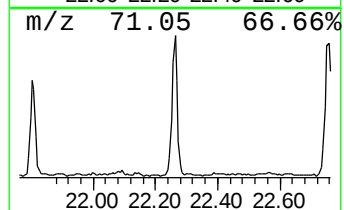
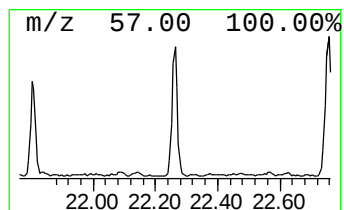
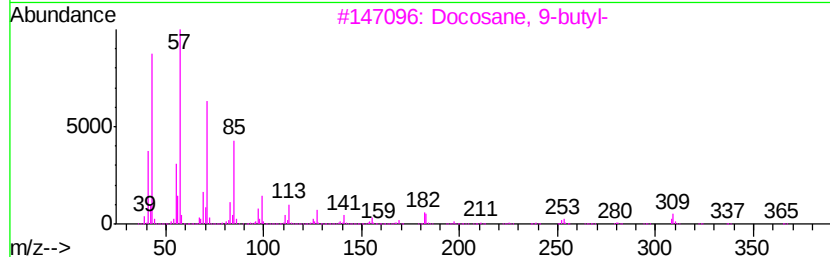
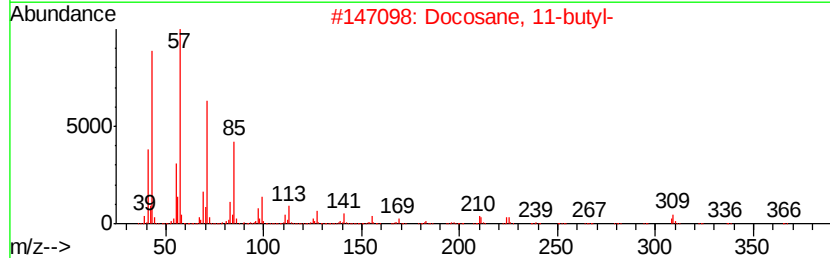
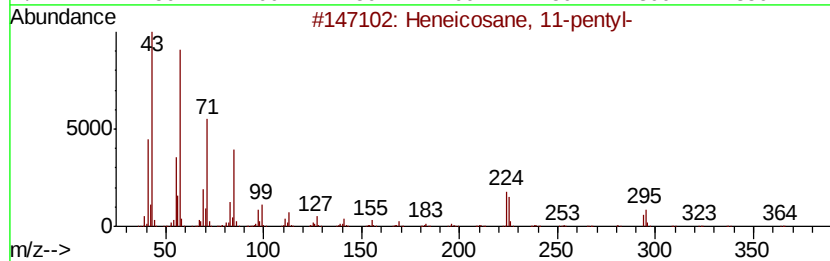
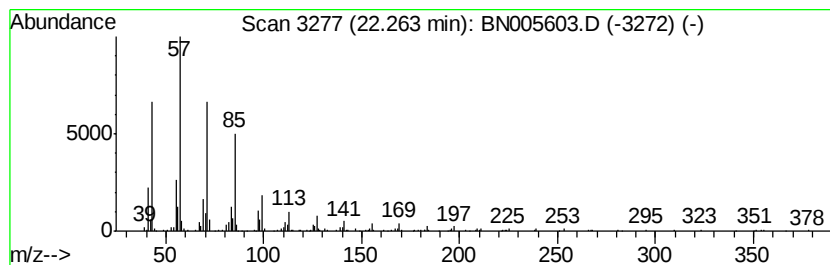
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.56 ng/ul	344430	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

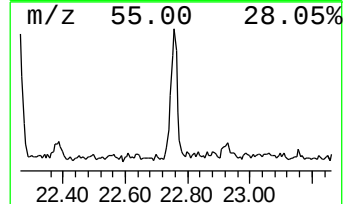
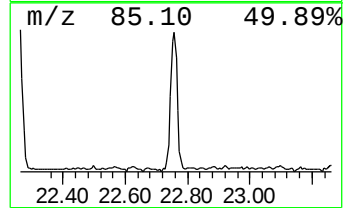
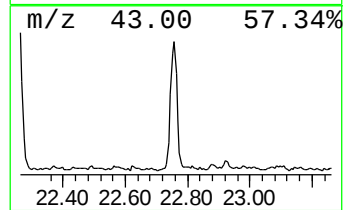
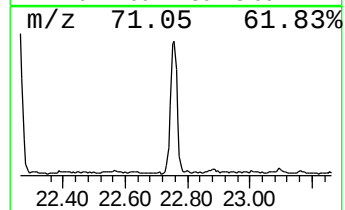
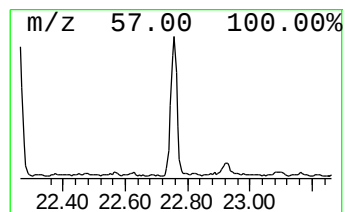
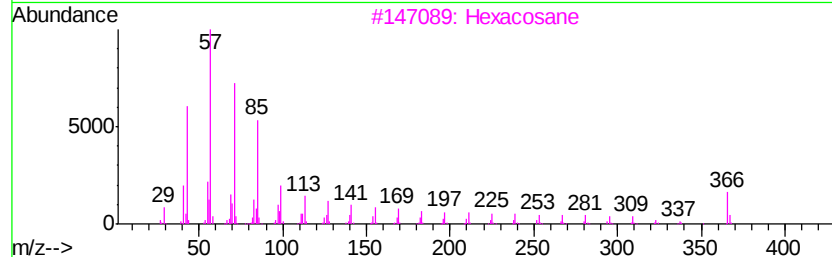
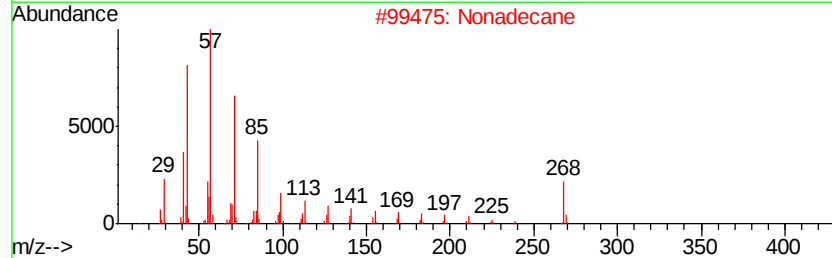
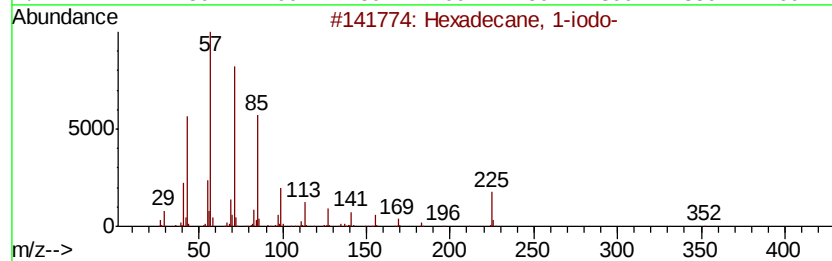
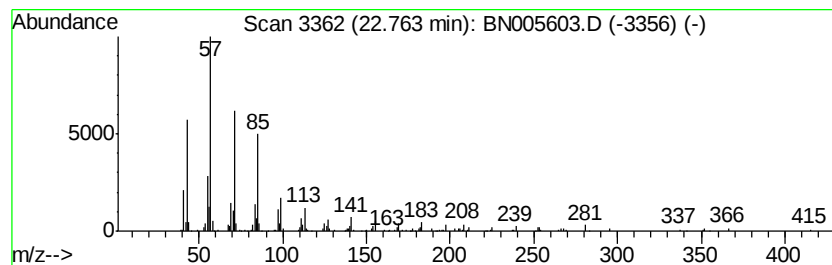
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.41 ng/ul	396210	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Nonadecane	268	C19H40	000629-92-5	92
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

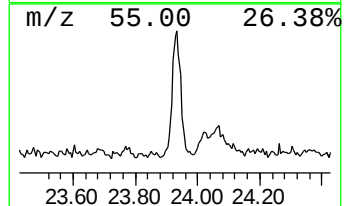
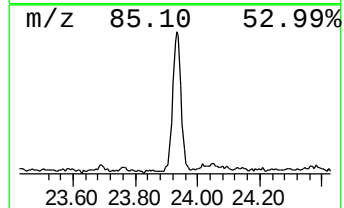
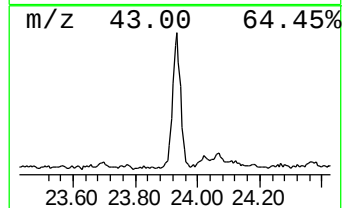
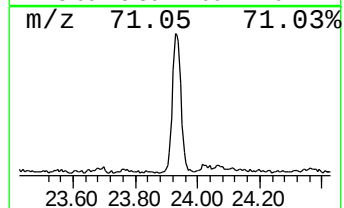
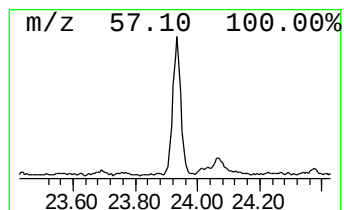
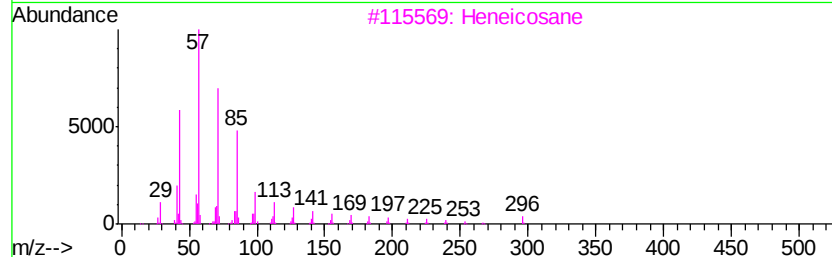
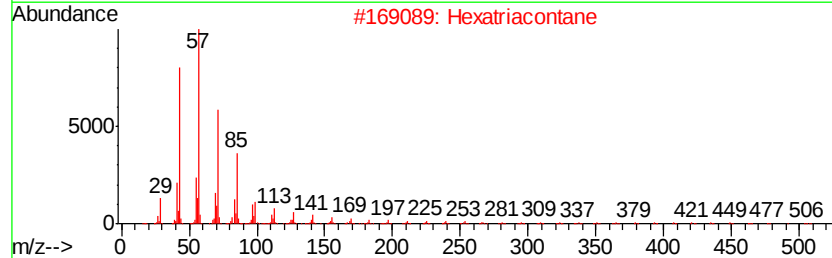
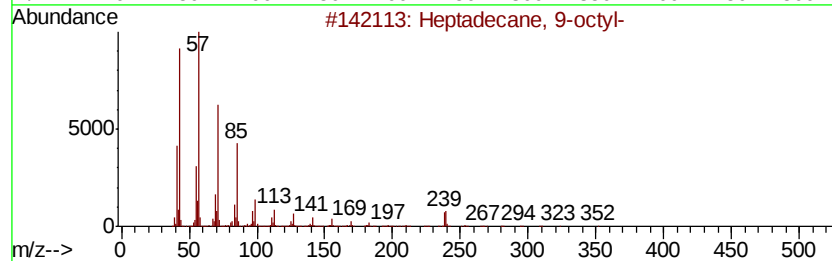
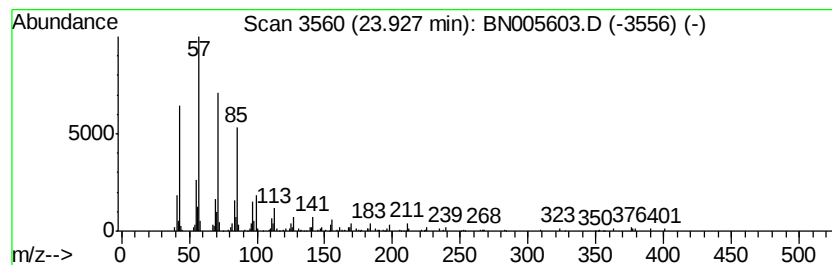
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.93	3.31 ng/ul	385020	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

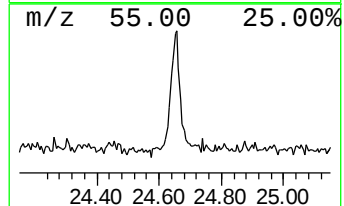
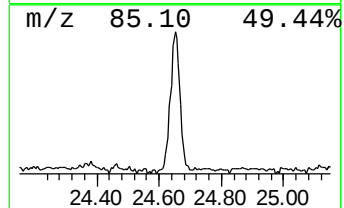
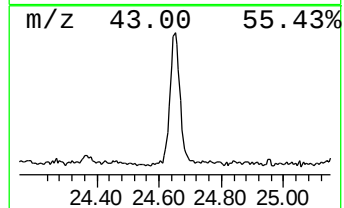
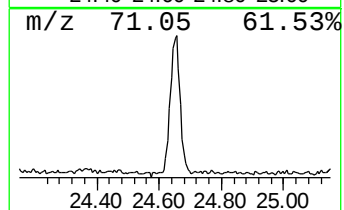
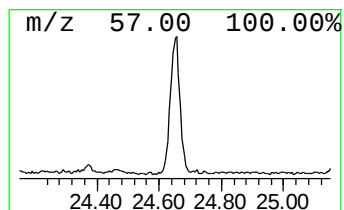
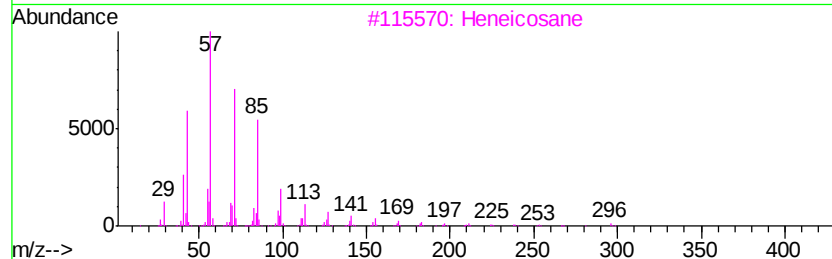
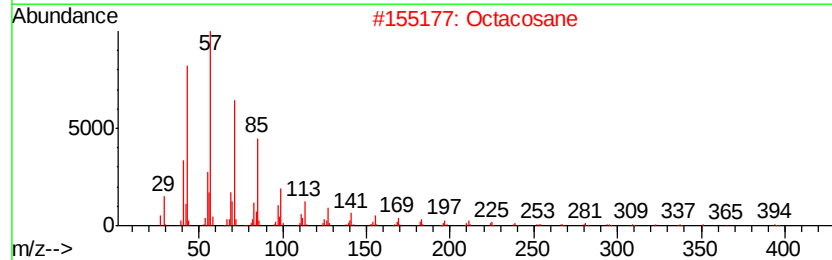
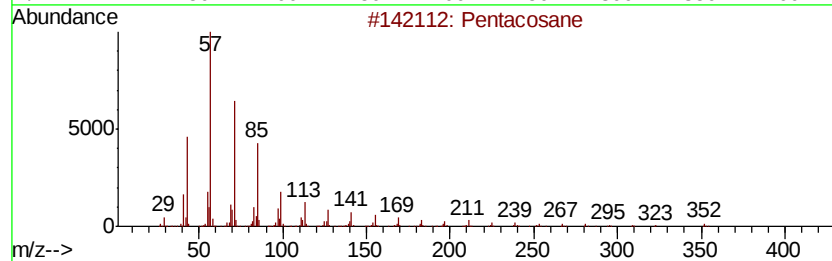
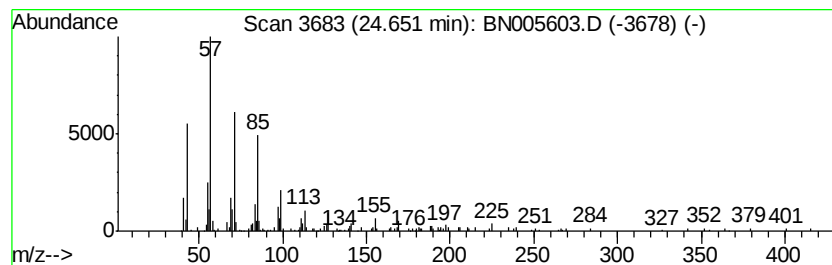
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.75 ng/ul	320042	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005603.D
Acq On : 10 May 2019 23:42
Operator : JU/SJ
Sample : K2613-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	17.89	3.3	ng/ul	426544	4	16.97	2616530	20.0
1-Hexadecanesulfo...	20.93	4.7	ng/ul	638076	5	21.20	2693900	20.0
(DEL) Alkane: Str...	22.26	2.6	ng/ul	344430	5	21.20	2693900	20.0
Hexadecane, 1-iodo-	22.76	3.4	ng/ul	396210	6	23.40	2325840	20.0
(DEL) Alkane: Str...	23.93	3.3	ng/ul	385020	6	23.40	2325840	20.0
(DEL) Alkane: Str...	24.65	2.8	ng/ul	320042	6	23.40	2325840	20.0