

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005604.D
 Acq On : 11 May 2019 00:17
 Operator : JU/SJ
 Sample : K2613-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE3

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	6.769	637	643	656	rVB	216958	411539	19.53%	1.693%
2	6.928	665	670	682	rVB	193135	325626	15.46%	1.340%
3	7.122	697	703	714	rBV	244310	413755	19.64%	1.703%
4	7.581	775	781	791	rBV	492041	807970	38.35%	3.325%
5	7.811	817	820	821	rBV2	3408	3517	0.17%	0.014%
6	7.828	821	823	828	rVB	3936	3987	0.19%	0.016%
7	7.916	836	838	841	rBV2	2728	3548	0.17%	0.015%
8	8.116	867	872	878	rVB4	12152	23185	1.10%	0.095%
9	8.287	895	901	912	rBV	191076	361222	17.14%	1.486%
10	8.728	969	976	987	rBV	241582	434780	20.64%	1.789%
11	9.163	1045	1050	1053	rVB4	4965	7367	0.35%	0.030%
12	9.446	1091	1098	1109	rBV	198290	356909	16.94%	1.469%
13	9.981	1183	1189	1201	rBV	250845	495300	23.51%	2.038%
14	10.340	1242	1250	1256	rBV	700728	1174445	55.74%	4.833%
15	10.393	1256	1259	1265	rVV	68494	104575	4.96%	0.430%
16	10.493	1269	1276	1292	rVV	185860	426713	20.25%	1.756%
17	11.957	1520	1525	1531	rVB4	4378	8533	0.40%	0.035%
18	12.022	1531	1536	1547	rBV2	27039	63983	3.04%	0.263%
19	12.246	1568	1574	1585	rVV3	18151	38990	1.85%	0.160%
20	12.557	1622	1627	1635	rVB4	4324	8903	0.42%	0.037%
21	13.057	1707	1712	1717	rVB5	5261	7125	0.34%	0.029%
22	13.393	1764	1769	1770	rBV2	2499	3702	0.18%	0.015%
23	13.404	1770	1771	1775	rVB3	4688	4104	0.19%	0.017%
24	13.534	1788	1793	1799	rBV4	7770	13588	0.64%	0.056%
25	13.593	1799	1803	1804	rVV2	5273	4966	0.24%	0.020%
26	13.634	1804	1810	1815	rVV	559652	856671	40.66%	3.525%
27	13.681	1815	1818	1828	rVV	167345	258730	12.28%	1.065%
28	13.781	1830	1835	1838	rBV5	4746	6469	0.31%	0.027%
29	13.904	1848	1856	1869	rVB	664325	1038562	49.29%	4.274%
30	14.140	1893	1896	1900	rVB2	3666	3735	0.18%	0.015%
31	14.216	1900	1909	1918	rBV2	1023233	1589671	75.45%	6.541%
32	14.275	1918	1919	1925	rVB3	5638	5679	0.27%	0.023%
33	14.457	1944	1950	1970	rBV2	96686	270380	12.83%	1.113%
34	14.675	1982	1987	1988	rVV4	5420	6063	0.29%	0.025%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005604.D
 Acq On : 11 May 2019 00:17
 Operator : JU/SJ
 Sample : K2613-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE3

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	14.704	1988	1992	1994	rVB4	4057	4512	0.21%	0.019%
36	14.845	2011	2016	2018	rVB3	3218	3942	0.19%	0.016%
37	14.975	2034	2038	2045	rBV3	13069	21518	1.02%	0.089%
38	15.098	2055	2059	2062	rVB3	6391	8522	0.40%	0.035%
39	15.216	2073	2079	2086	rBV	851125	1242865	58.99%	5.114%
40	15.275	2086	2089	2097	rVB2	15828	25804	1.22%	0.106%
41	15.369	2099	2105	2114	rBV	132086	248375	11.79%	1.022%
42	15.457	2118	2120	2124	rBV4	6434	9012	0.43%	0.037%
43	15.698	2157	2161	2162	rBV2	2942	3263	0.15%	0.013%
44	15.957	2200	2205	2209	rBV3	5849	8588	0.41%	0.035%
45	16.004	2209	2213	2216	rVB3	4387	5497	0.26%	0.023%
46	16.122	2229	2233	2238	rBV5	3524	5534	0.26%	0.023%
47	16.404	2278	2281	2285	rBV4	5852	9771	0.46%	0.040%
48	16.528	2295	2302	2311	rBV4	19693	34552	1.64%	0.142%
49	16.645	2318	2322	2325	rBV6	3158	4145	0.20%	0.017%
50	16.763	2337	2342	2344	rBV4	7753	13772	0.65%	0.057%
51	16.969	2371	2377	2382	rBV2	1351689	1914092	90.85%	7.876%
52	17.016	2382	2385	2389	rVV	65171	91005	4.32%	0.374%
53	17.069	2389	2394	2406	rVV	811571	1282019	60.85%	5.275%
54	17.175	2409	2412	2413	rBV2	5719	5797	0.28%	0.024%
55	17.216	2416	2419	2424	rVB4	5980	9235	0.44%	0.038%
56	17.375	2443	2446	2453	rBV7	10175	23586	1.12%	0.097%
57	17.498	2464	2467	2469	rVB3	5940	6299	0.30%	0.026%
58	17.575	2476	2480	2484	rVB4	4641	5356	0.25%	0.022%
59	17.663	2490	2495	2499	rVB5	6020	10036	0.48%	0.041%
60	17.769	2507	2513	2522	rBV6	14009	30745	1.46%	0.127%
61	17.857	2523	2528	2529	rBV5	7665	11096	0.53%	0.046%
62	17.886	2529	2533	2548	rVV3	121366	245558	11.65%	1.010%
63	18.051	2556	2561	2565	rVB6	10124	15894	0.75%	0.065%
64	18.186	2579	2584	2588	rBV7	7145	14073	0.67%	0.058%
65	18.257	2594	2596	2603	rBV8	6566	11740	0.56%	0.048%
66	18.369	2612	2615	2616	rBV2	5584	4341	0.21%	0.018%
67	18.663	2660	2665	2667	rBV5	5004	8634	0.41%	0.036%
68	18.686	2667	2669	2672	rVV4	3241	4575	0.22%	0.019%
69	18.781	2677	2685	2687	rBV7	9020	21745	1.03%	0.089%
70	18.833	2689	2694	2698	rBV7	5950	12360	0.59%	0.051%
71	19.016	2722	2725	2727	rBV3	9833	11760	0.56%	0.048%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005604.D
 Acq On : 11 May 2019 00:17
 Operator : JU/SJ
 Sample : K2613-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE3

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	19.051	2727	2731	2737	rVB	24006	40781	1.94%	0.168%
73	19.186	2751	2754	2763	rBV6	31358	62359	2.96%	0.257%
74	19.269	2765	2768	2772	rVB4	12766	17851	0.85%	0.073%
75	19.304	2772	2774	2776	rBV3	5073	3947	0.19%	0.016%
76	19.328	2776	2778	2780	rBV3	4205	4266	0.20%	0.018%
77	19.380	2782	2787	2797	rBV	1029633	1561542	74.11%	6.426%
78	19.922	2876	2879	2880	rBV3	10145	10742	0.51%	0.044%
79	19.951	2882	2884	2888	rVB4	7893	9082	0.43%	0.037%
80	20.192	2923	2925	2931	rBV6	12577	17749	0.84%	0.073%
81	20.275	2937	2939	2940	rBV2	6298	4572	0.22%	0.019%
82	20.328	2945	2948	2953	rVB6	18700	26262	1.25%	0.108%
83	20.457	2968	2970	2975	rBV5	14670	15414	0.73%	0.063%
84	20.663	3003	3005	3009	rVB5	8397	6545	0.31%	0.027%
85	20.927	3047	3050	3057	rBV3	62213	104791	4.97%	0.431%
86	21.133	3081	3085	3090	rBV7	16049	24179	1.15%	0.099%
87	21.198	3091	3096	3106	rBV	1487078	2106920	100.00%	8.670%
88	21.375	3122	3126	3129	rVB	58471	60034	2.85%	0.247%
89	21.804	3195	3199	3205	rVB	88913	115599	5.49%	0.476%
90	22.257	3272	3276	3281	rBV2	122103	152588	7.24%	0.628%
91	22.380	3292	3297	3306	rVB	428611	558189	26.49%	2.297%
92	22.751	3356	3360	3367	rBV2	159941	221204	10.50%	0.910%
93	22.916	3384	3388	3395	rVB2	99228	157947	7.50%	0.650%
94	23.257	3440	3446	3451	rBV	676394	1210458	57.45%	4.981%
95	23.298	3451	3453	3460	rVV	175271	248634	11.80%	1.023%
96	23.398	3462	3470	3481	rVB	933535	1812095	86.01%	7.457%
97	23.927	3555	3560	3566	rVB2	141976	247735	11.76%	1.019%
98	24.063	3579	3583	3590	rVB3	128631	242312	11.50%	0.997%
99	24.645	3678	3682	3690	rVB4	103575	222445	10.56%	0.915%
100	25.486	3821	3825	3830	rVB4	54525	101806	4.83%	0.419%

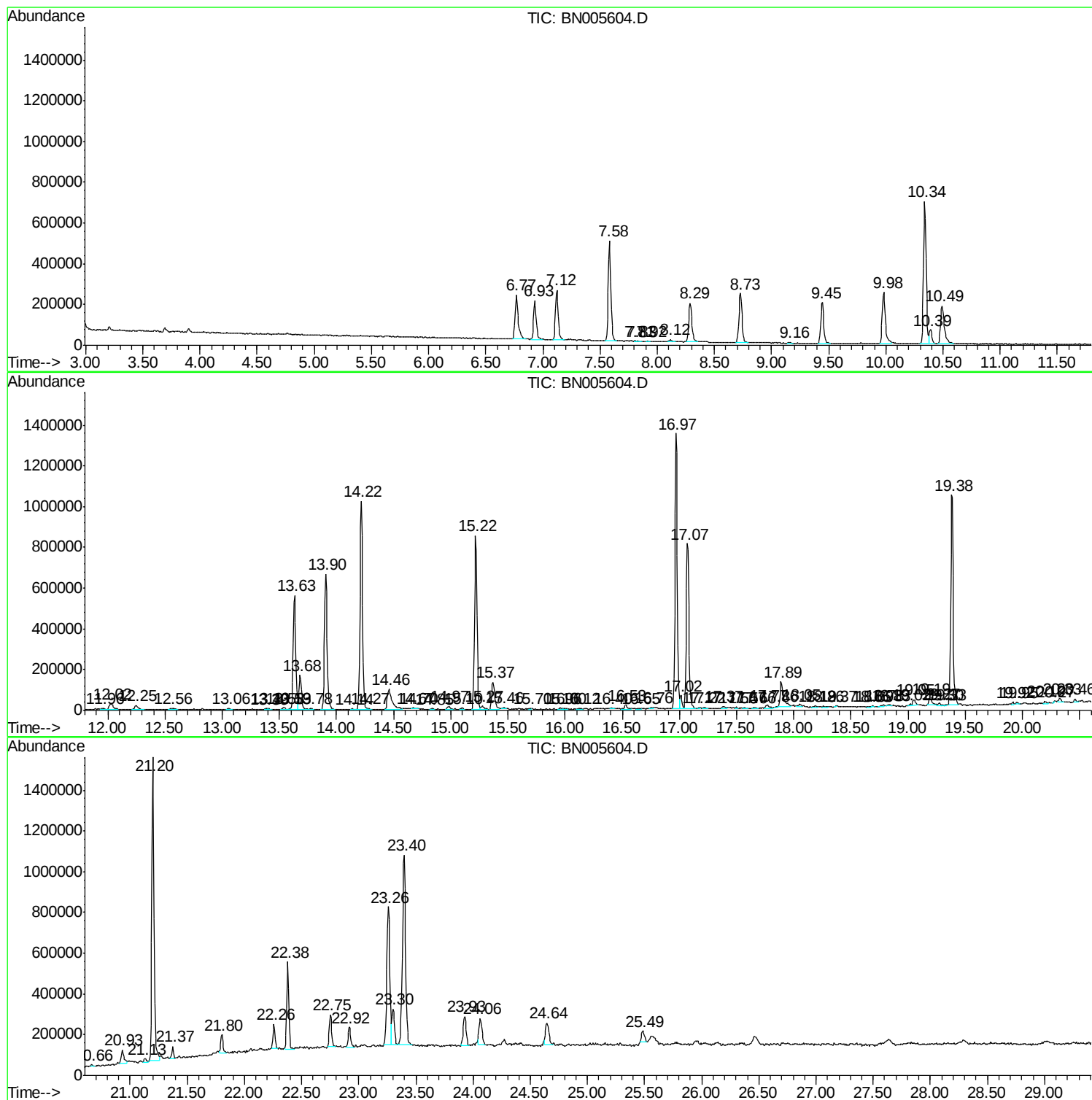
Sum of corrected areas: 24301958

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

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 : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

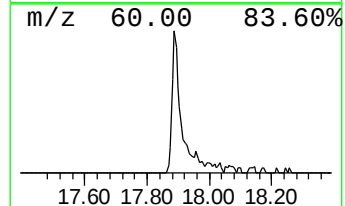
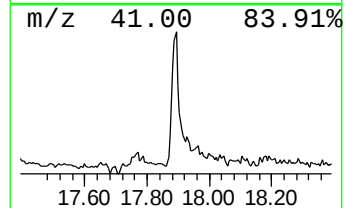
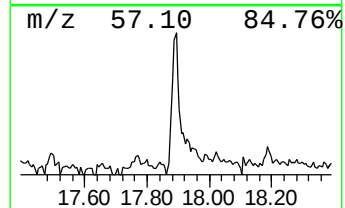
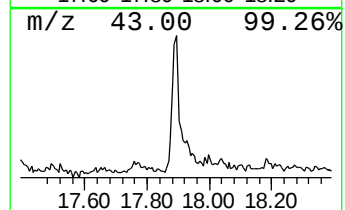
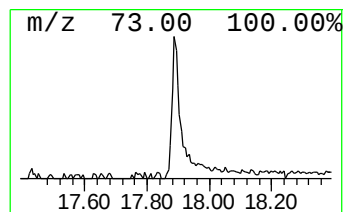
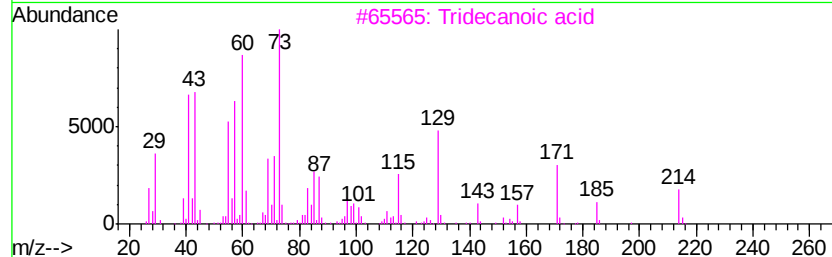
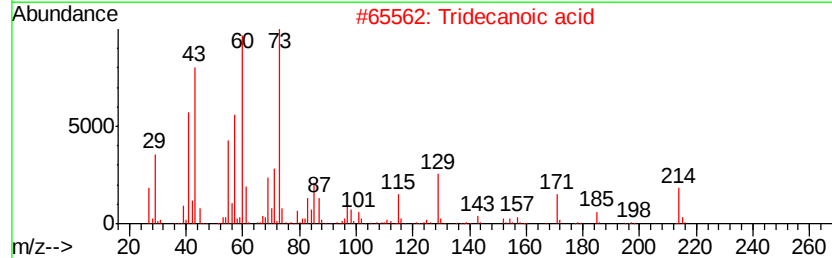
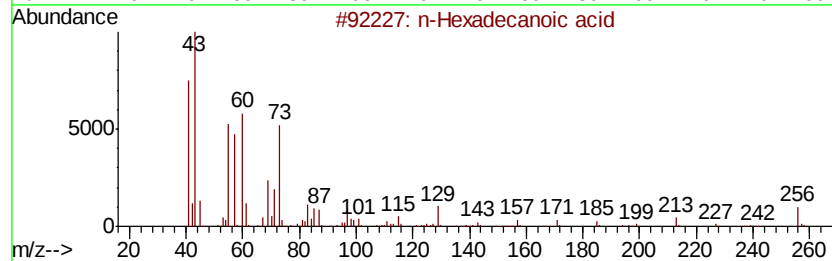
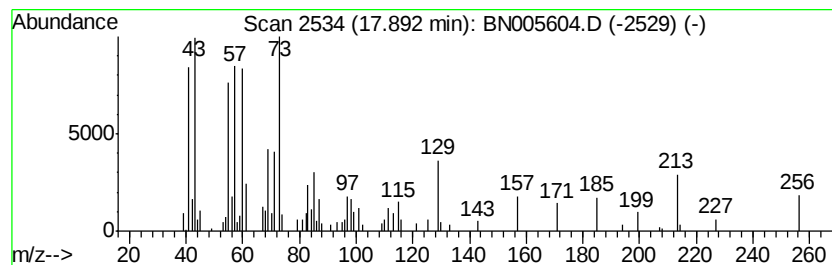
Instrument :
BNA_N
ClientSampleId :
BFHE3

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	2.57 ng/ul	245558	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

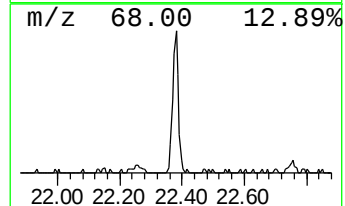
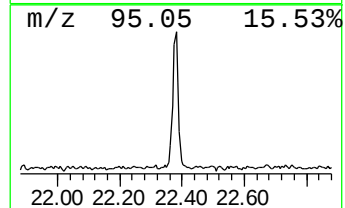
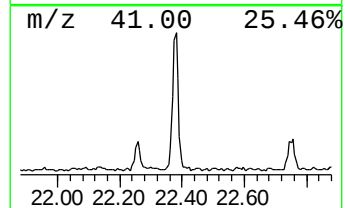
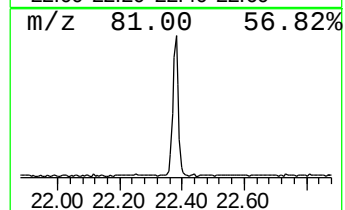
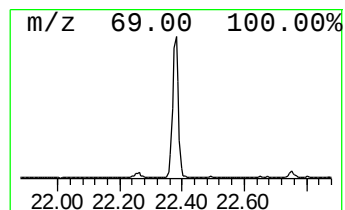
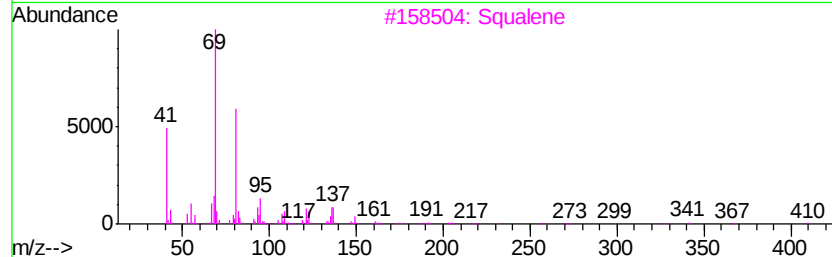
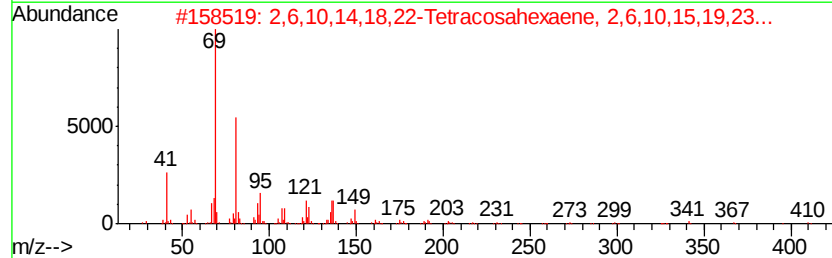
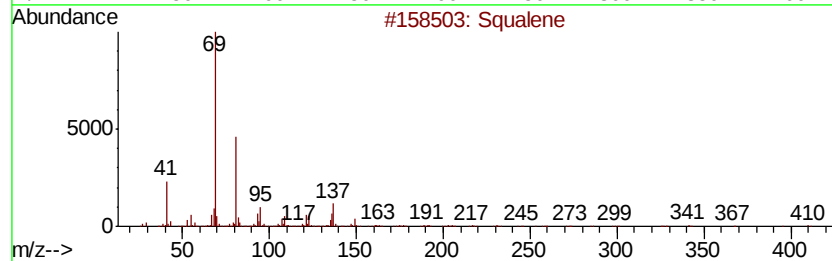
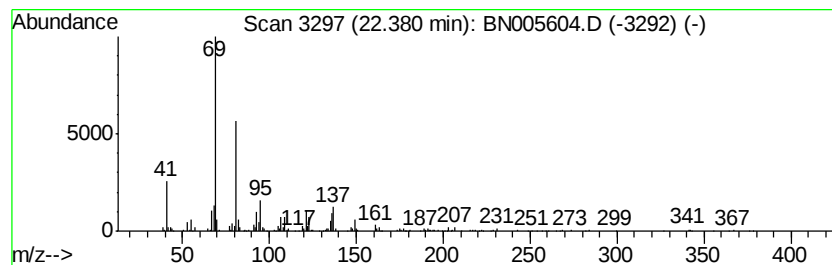
Instrument :
BNA_N
ClientSampleId :
BFHE3

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 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	6.16 ng/ul	558189	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
3	Squalene	410 C30H50	007683-64-9	91
4	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	90
5	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

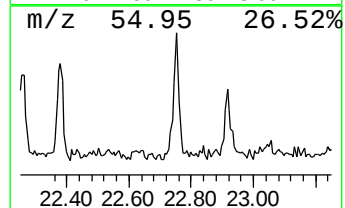
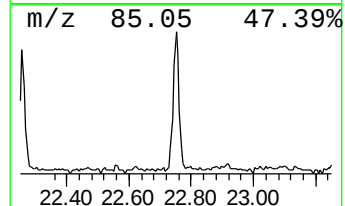
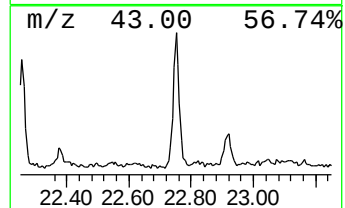
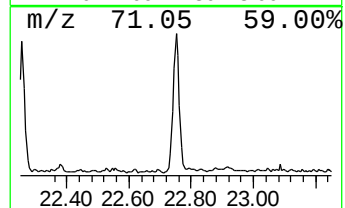
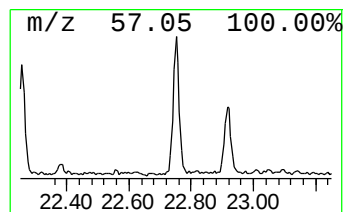
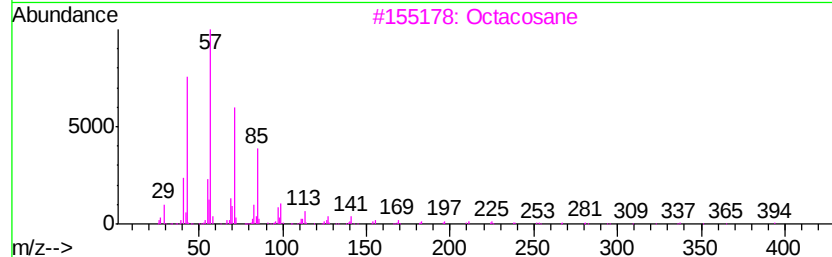
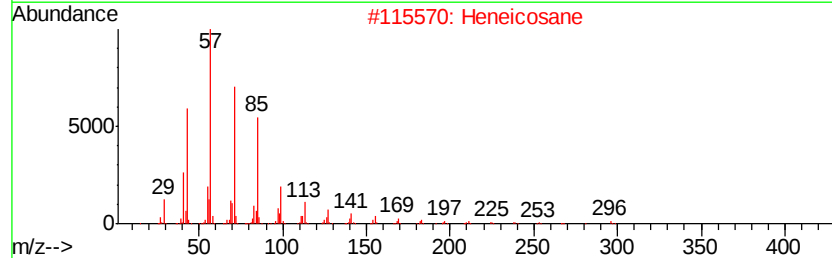
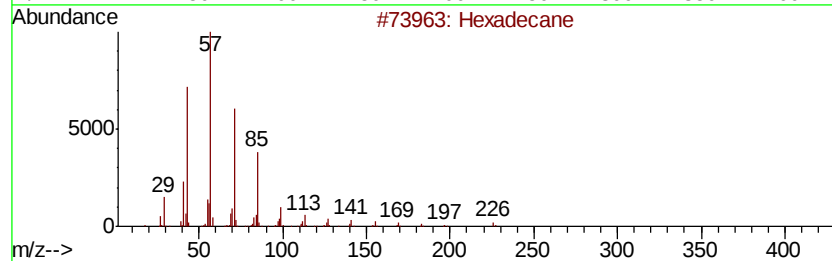
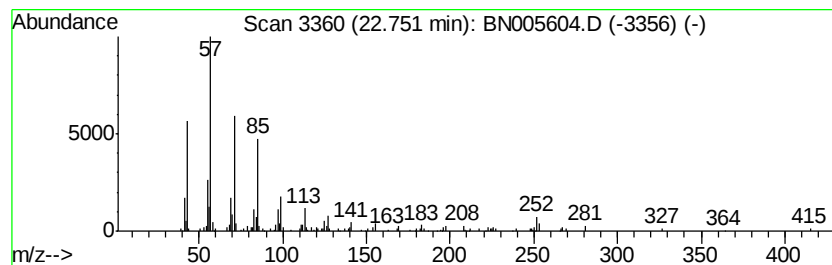
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
22.75	2.44 ng/ul	221204	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexadecane	226	C16H34	000544-76-3	89
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

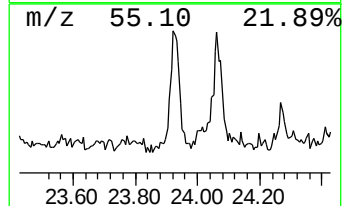
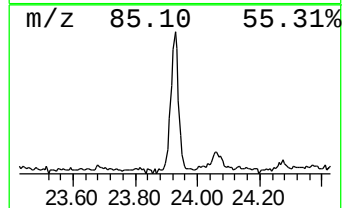
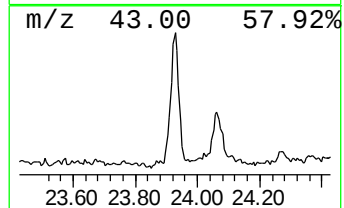
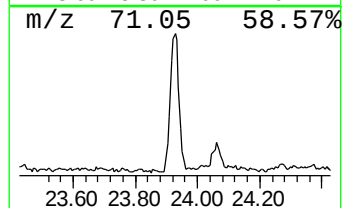
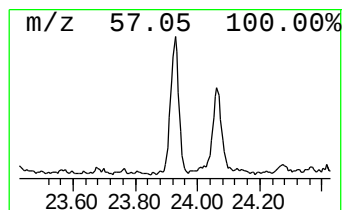
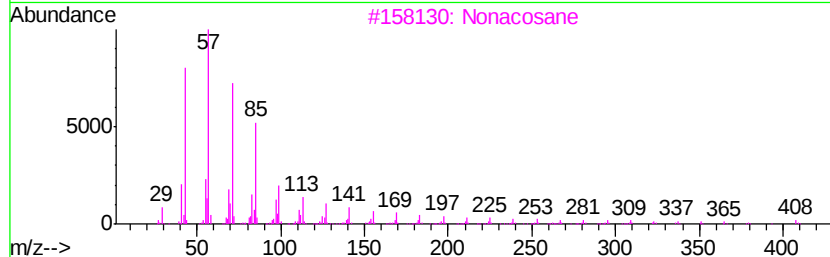
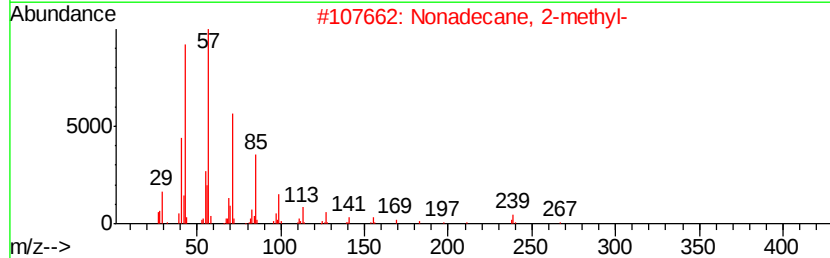
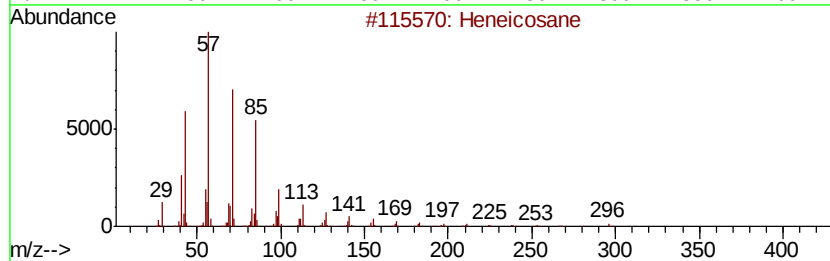
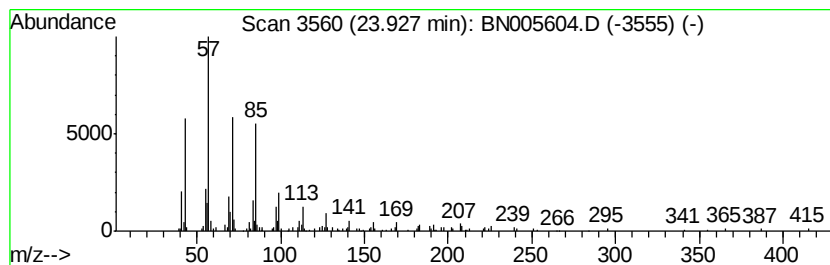
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.73 ng/ul	247735	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

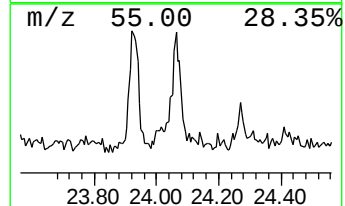
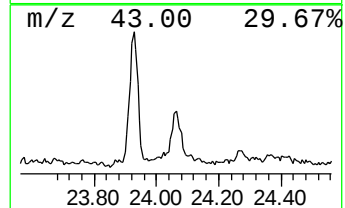
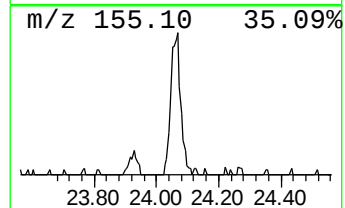
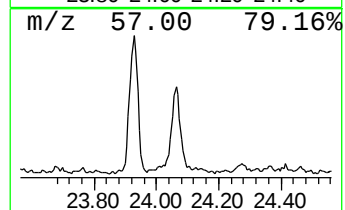
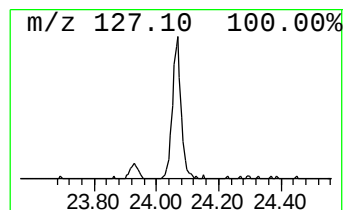
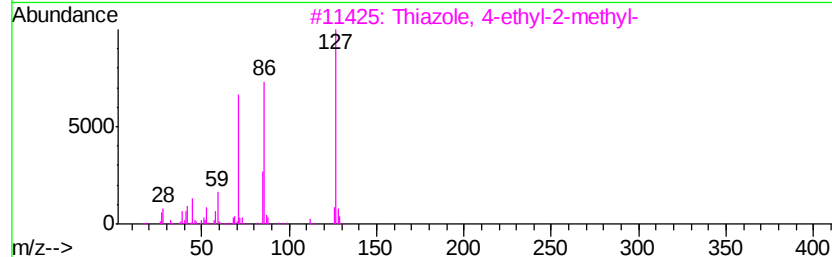
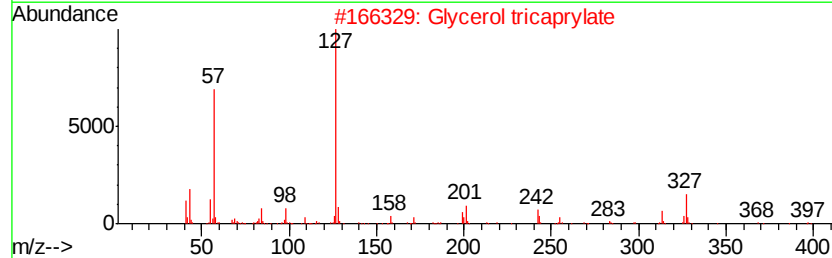
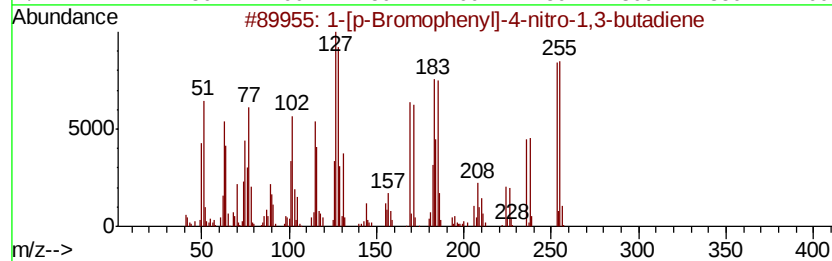
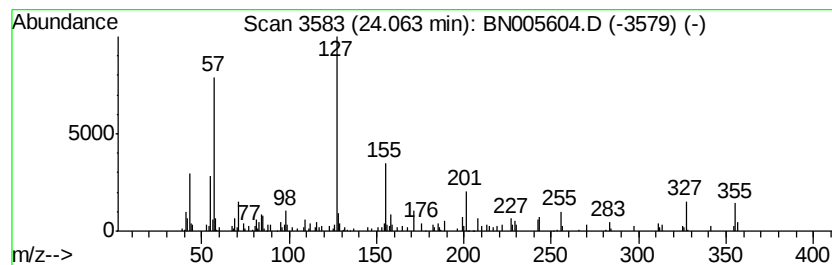
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.67 ng/ul	242312	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-[p-Bromophenyl]-4-nitro-1,3-butadiene	253	C10H8BrN02	004995-05-5	38
2		Glycerol tricaprylate	470	C27H50O6	000538-23-8	37
3		Thiazole, 4-ethyl-2-methyl-	127	C6H9NS	032272-48-3	35
4		Cyclohexyl propylphosphonofluoridate	208	C9H18F02P	1000298-44-1	35
5		2,4(1H,3H)-Pyrimidinedione, 5-amino-	127	C4H5N3O2	000932-52-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

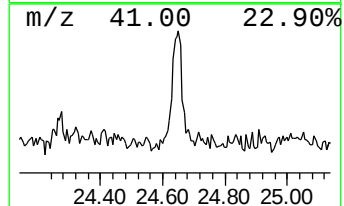
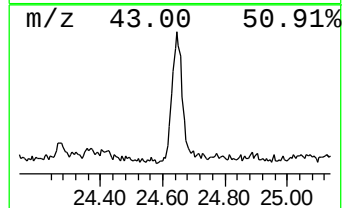
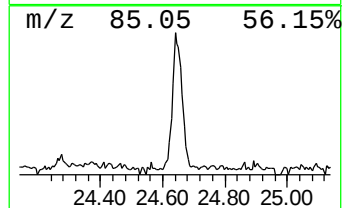
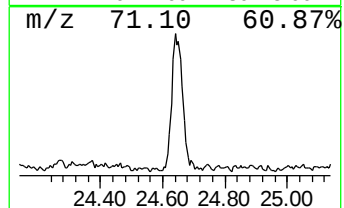
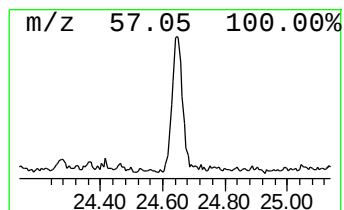
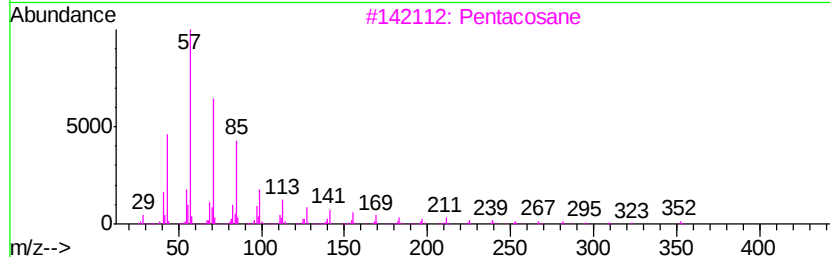
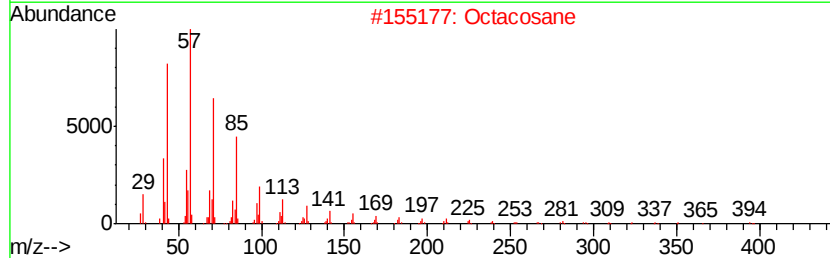
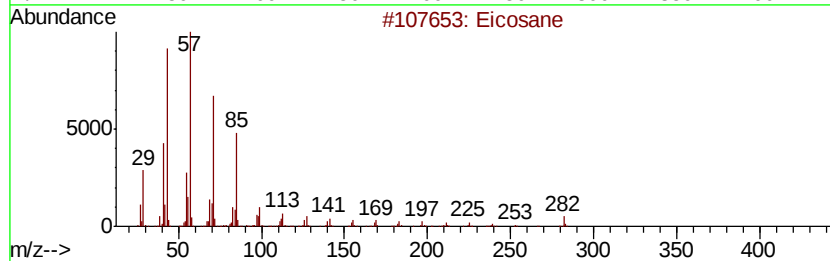
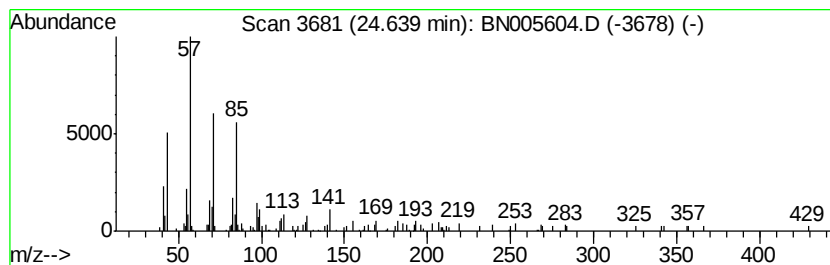
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
24.64	2.46 ng/ul	222445	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005604.D
Acq On : 11 May 2019 00:17
Operator : JU/SJ
Sample : K2613-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE3

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	2.6	ng/ul	245558	4	16.97	1914090	20.0
Squalene	22.38	6.2	ng/ul	558189	6	23.40	1812100	20.0
(DEL) Alkane: Str...	22.75	2.4	ng/ul	221204	6	23.40	1812100	20.0
(DEL) Alkane: Str...	23.93	2.7	ng/ul	247735	6	23.40	1812100	20.0
unknown-01	24.06	2.7	ng/ul	242312	6	23.40	1812100	20.0
(DEL) Alkane: Str...	24.64	2.5	ng/ul	222445	6	23.40	1812100	20.0