

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005533.D
 Acq On : 08 May 2019 15:21
 Operator : JU/SJ
 Sample : K2606-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5141

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	3.211	34	38	44	rBV	59379	82207	0.86%	0.087%
2	3.458	78	80	88	rBV2	23354	40324	0.42%	0.043%
3	6.769	637	643	657	rBV	1212448	2170034	22.81%	2.291%
4	6.934	665	671	683	rVB	994760	1556618	16.36%	1.643%
5	7.128	696	704	719	rBV	1297459	2097152	22.04%	2.214%
6	7.587	775	782	791	rBV	879775	1410791	14.83%	1.489%
7	7.652	791	793	800	rVB7	6459	12710	0.13%	0.013%
8	8.287	894	901	914	rBV	1638527	2762082	29.03%	2.916%
9	8.728	969	976	985	rBV	1350979	2223777	23.38%	2.348%
10	9.163	1045	1050	1056	rBV3	17420	27821	0.29%	0.029%
11	9.446	1091	1098	1108	rBV	1124104	1920400	20.19%	2.027%
12	9.975	1181	1188	1208	rBV	1598630	2985328	31.38%	3.152%
13	10.346	1244	1251	1260	rBV	1298616	2142012	22.52%	2.261%
14	10.487	1266	1275	1294	rBV	1596784	3003701	31.57%	3.171%
15	11.957	1518	1525	1531	rBV3	20528	42558	0.45%	0.045%
16	13.128	1721	1724	1731	rVB4	5813	10783	0.11%	0.011%
17	13.193	1731	1735	1739	rBV3	6343	10518	0.11%	0.011%
18	13.640	1804	1811	1816	rBV	3350570	4785974	50.31%	5.053%
19	13.687	1816	1819	1831	rVB	883582	1178491	12.39%	1.244%
20	13.910	1850	1857	1872	rBV	3805079	5886708	61.88%	6.215%
21	14.016	1872	1875	1879	rVB5	6655	9755	0.10%	0.010%
22	14.145	1893	1897	1901	rVB4	7903	10606	0.11%	0.011%
23	14.222	1903	1910	1923	rBV2	1977249	3092439	32.51%	3.265%
24	14.440	1940	1947	1967	rBV	1057206	2206870	23.20%	2.330%
25	14.769	2000	2003	2011	rVB4	4995	10498	0.11%	0.011%
26	15.045	2045	2050	2055	rBV3	6190	11045	0.12%	0.012%
27	15.104	2056	2060	2065	rVB3	13133	19298	0.20%	0.020%
28	15.222	2073	2080	2095	rBV	4808501	7204236	75.73%	7.605%
29	15.363	2098	2104	2117	rVV	1098767	1836892	19.31%	1.939%
30	15.463	2117	2121	2128	rVB2	68598	98150	1.03%	0.104%
31	15.728	2160	2166	2169	rBV7	4845	10050	0.11%	0.011%
32	15.916	2194	2198	2203	rBV5	7296	13458	0.14%	0.014%
33	15.969	2203	2207	2209	rVV2	12434	15475	0.16%	0.016%
34	16.010	2209	2214	2219	rVB4	21389	32815	0.34%	0.035%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005533.D
 Acq On : 08 May 2019 15:21
 Operator : JU/SJ
 Sample : K2606-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5141

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	16.134	2232	2235	2239	rVB3	10399	13898	0.15%	0.015%
36	16.310	2261	2265	2268	rBV5	6122	9854	0.10%	0.010%
37	16.657	2319	2324	2328	rVB3	11236	14956	0.16%	0.016%
38	16.763	2338	2342	2348	rBV3	22865	33449	0.35%	0.035%
39	16.922	2361	2369	2372	rBV6	4960	10648	0.11%	0.011%
40	16.981	2372	2379	2389	rBV2	2664747	3940432	41.42%	4.160%
41	17.081	2389	2396	2410	rVV	5408308	8127683	85.44%	8.580%
42	17.498	2464	2467	2472	rBV3	11976	13334	0.14%	0.014%
43	17.904	2530	2536	2553	rBV	747415	1383063	14.54%	1.460%
44	18.192	2581	2585	2590	rBV2	29775	42917	0.45%	0.045%
45	18.451	2625	2629	2631	rBV4	7958	10805	0.11%	0.011%
46	18.839	2692	2695	2698	rVB5	16184	19745	0.21%	0.021%
47	18.951	2711	2714	2718	rVB6	10859	14863	0.16%	0.016%
48	19.022	2720	2726	2730	rBV	69620	106314	1.12%	0.112%
49	19.198	2751	2756	2765	rBV2	185168	349602	3.67%	0.369%
50	19.275	2765	2769	2776	rVB	72699	119614	1.26%	0.126%
51	19.392	2783	2789	2799	rVB	6766774	9513183	100.00%	10.043%
52	19.969	2884	2887	2892	rVB3	43161	49522	0.52%	0.052%
53	20.351	2946	2952	2959	rBV	229571	307579	3.23%	0.325%
54	20.474	2968	2973	2978	rBV2	106155	134245	1.41%	0.142%
55	20.939	3048	3052	3069	rBV	1027020	1802235	18.94%	1.903%
56	21.145	3085	3087	3092	rVB5	20083	23649	0.25%	0.025%
57	21.216	3093	3099	3112	rBV	3223800	4390909	46.16%	4.635%
58	21.339	3117	3120	3124	rBV5	51758	73514	0.77%	0.078%
59	21.392	3125	3129	3135	rVB	202668	247307	2.60%	0.261%
60	21.827	3199	3203	3207	rBV	239794	323585	3.40%	0.342%
61	22.286	3277	3281	3286	rBV	333390	396563	4.17%	0.419%
62	22.410	3298	3302	3308	rVB	179224	220193	2.31%	0.232%
63	22.786	3361	3366	3372	rBV	364435	506966	5.33%	0.535%
64	23.286	3443	3451	3457	rBV2	4054281	7694589	80.88%	8.123%
65	23.339	3457	3460	3467	rVV	446065	703091	7.39%	0.742%
66	23.427	3467	3475	3494	rVB	1867370	3825944	40.22%	4.039%
67	23.968	3561	3567	3574	rVB	309105	555531	5.84%	0.586%
68	24.692	3684	3690	3696	rBV	239583	485857	5.11%	0.513%
69	25.533	3828	3833	3844	rVB4	144154	337620	3.55%	0.356%

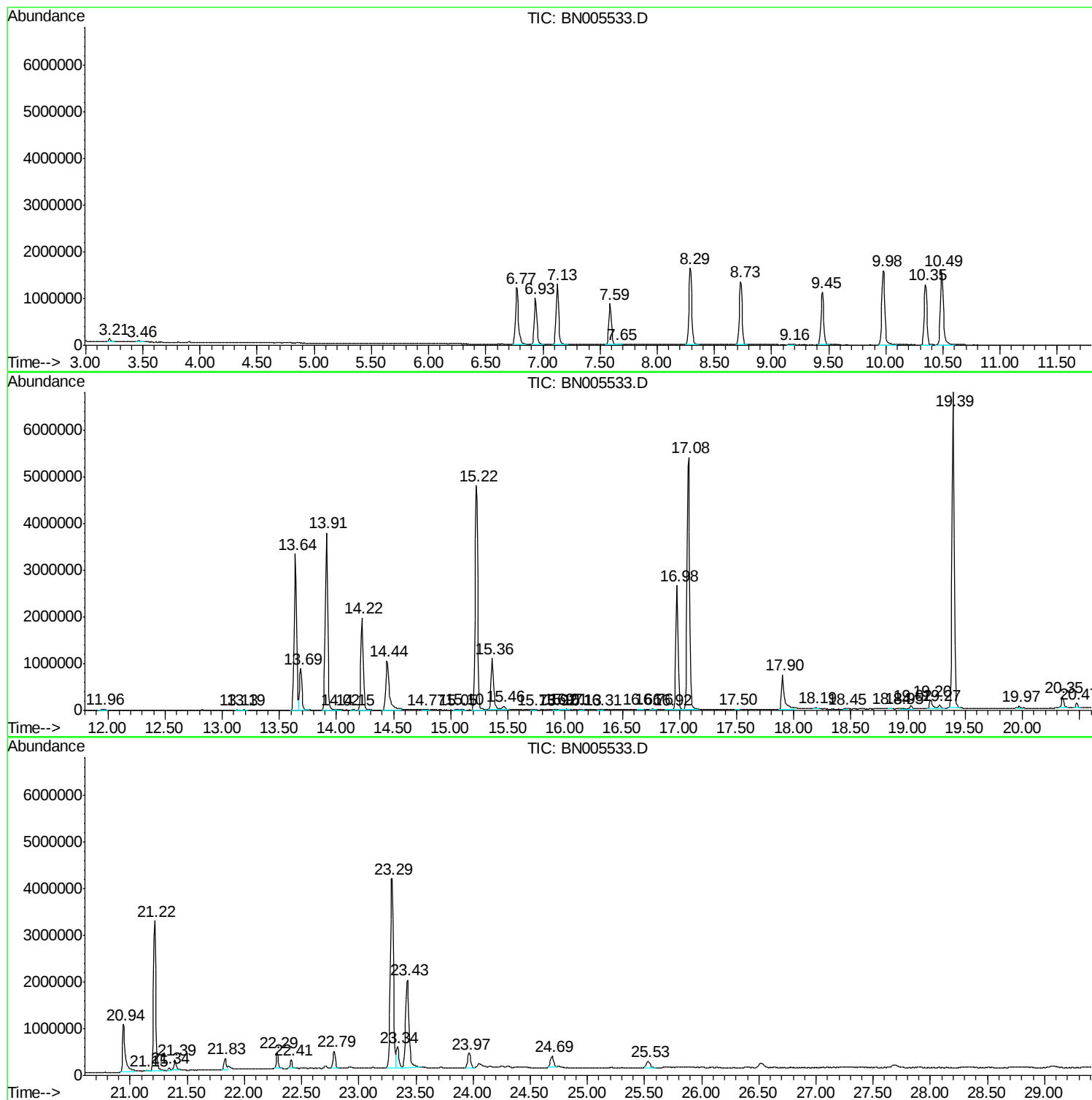
Sum of corrected areas: 94724835

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

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\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

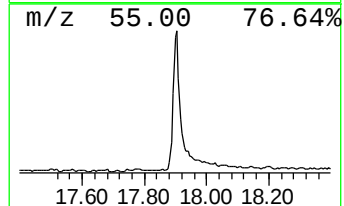
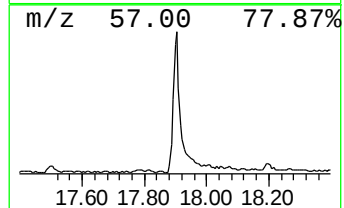
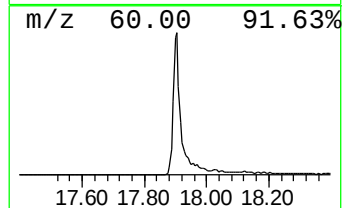
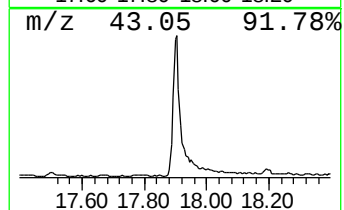
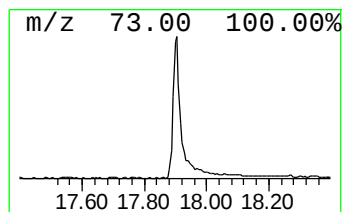
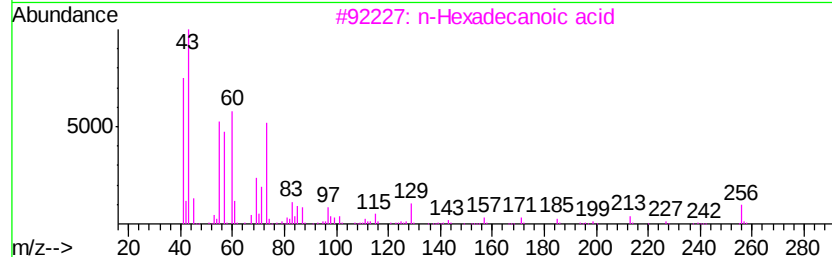
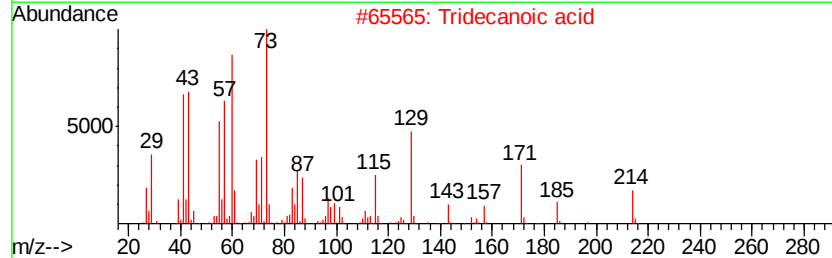
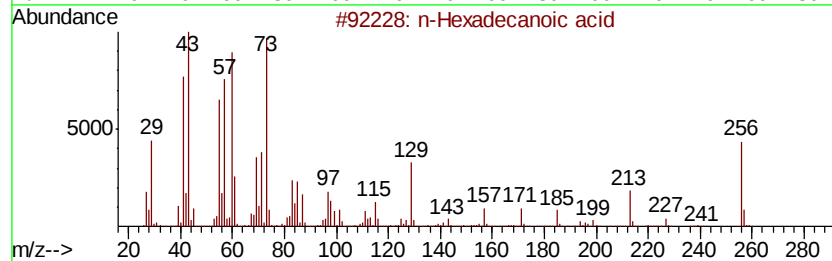
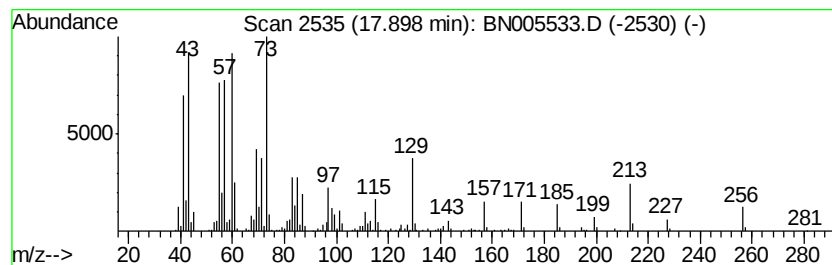
Instrument :
BNA_N
ClientSampleId :
A5141

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 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	7.02 ng/ul	1383060	Phenanthrene-d10		16.97	
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	95
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
4	Undecanoic acid		186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

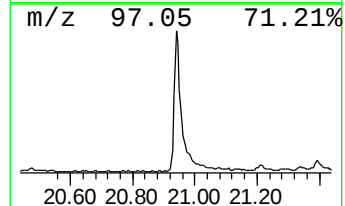
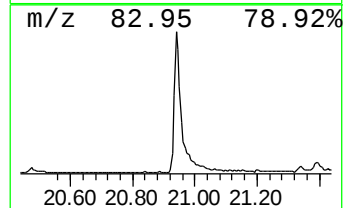
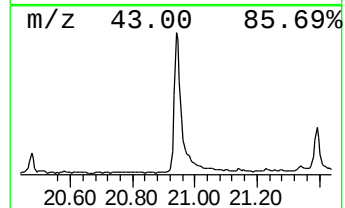
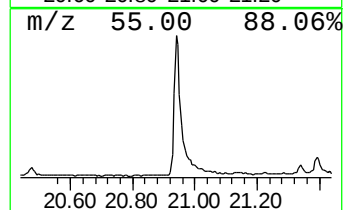
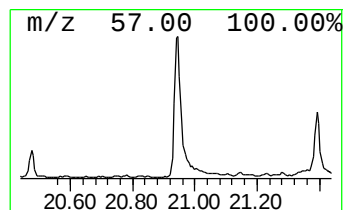
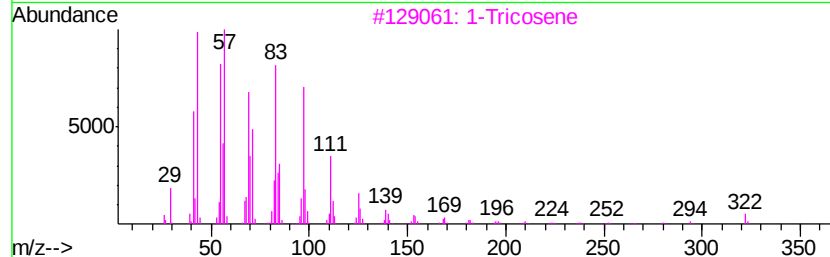
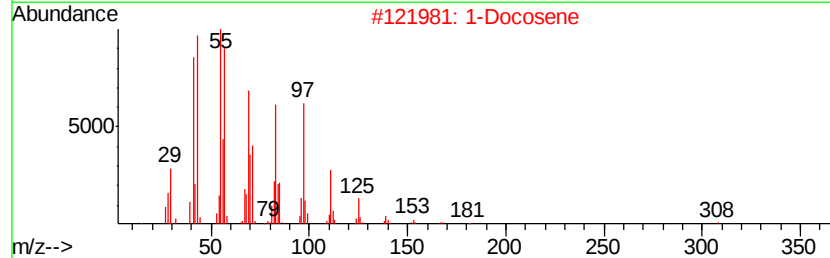
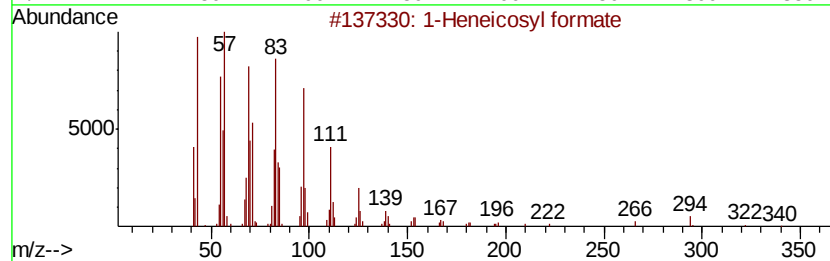
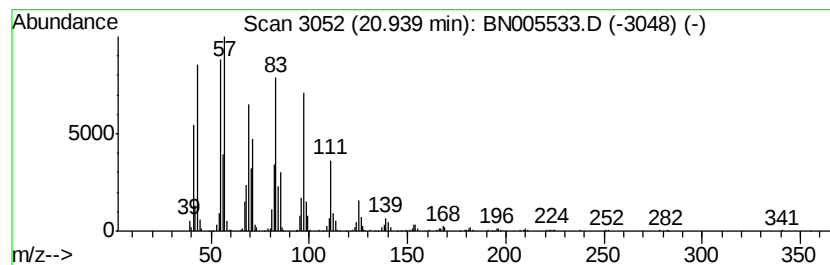
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	8.21 ng/ul	1802240	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		1-Docosene	308	C22H44	001599-67-3	91
3		1-Tricosene	322	C23H46	018835-32-0	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

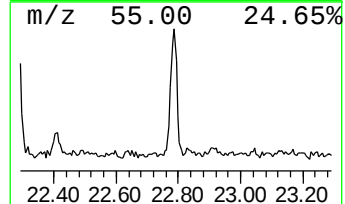
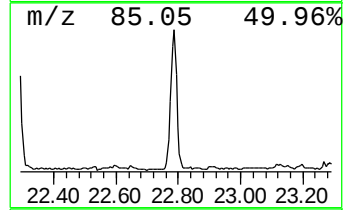
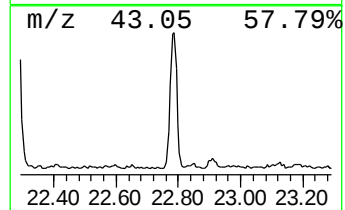
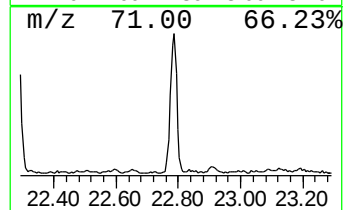
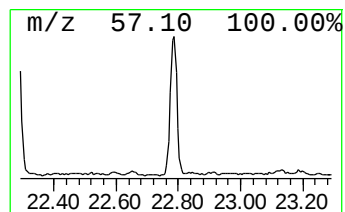
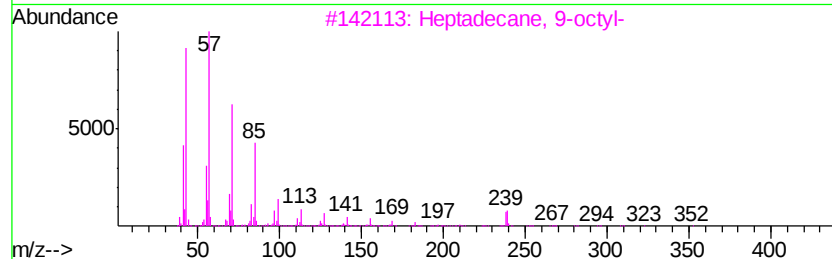
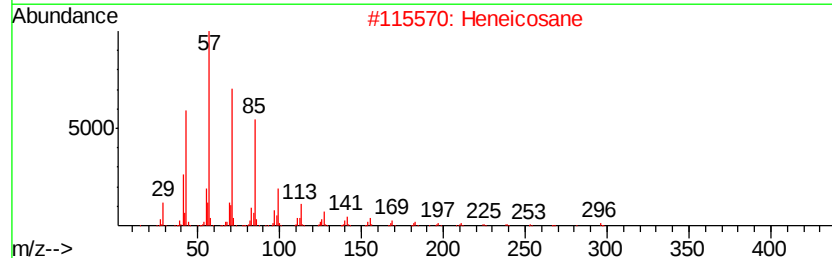
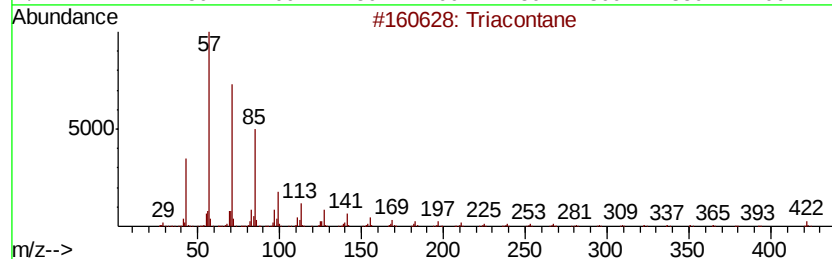
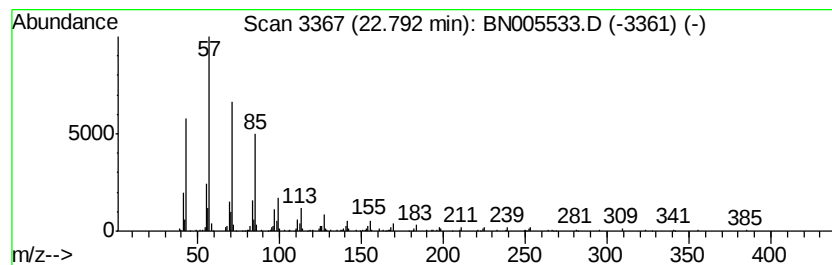
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.65 ng/ul	506966	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

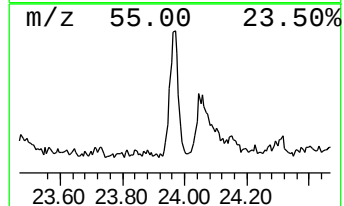
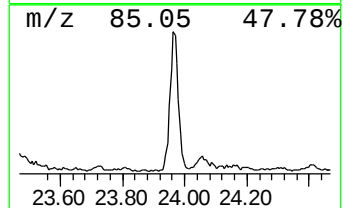
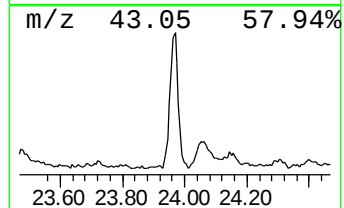
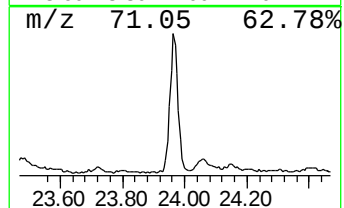
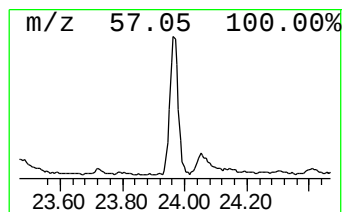
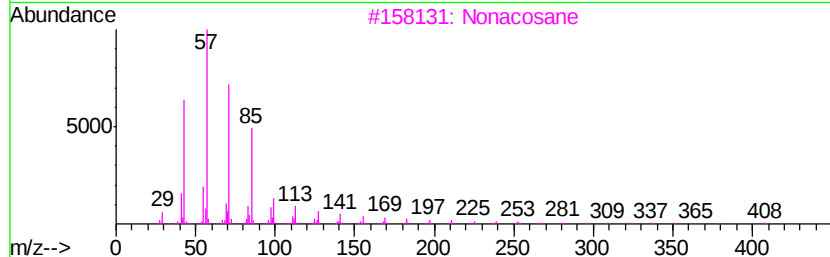
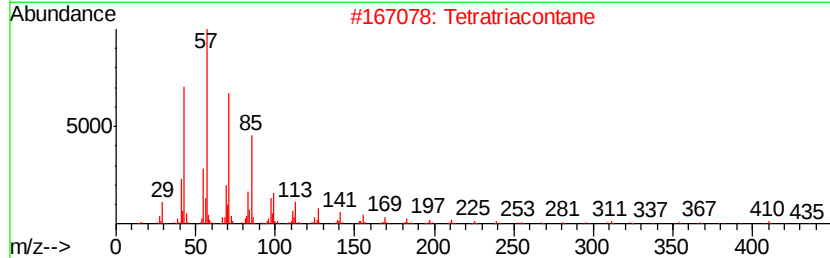
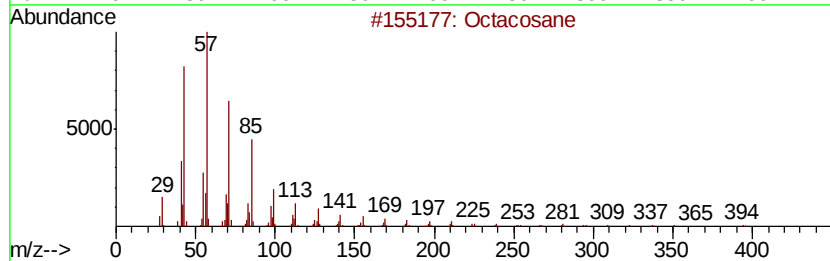
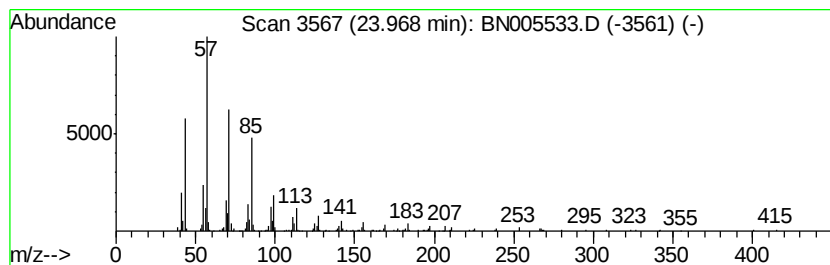
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.90 ng/ul	555531	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

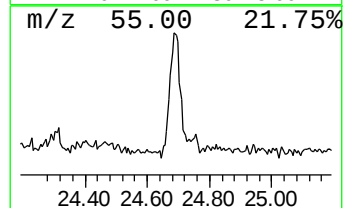
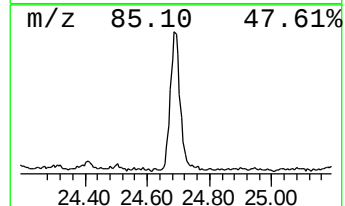
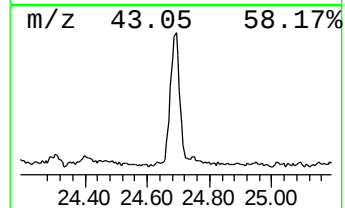
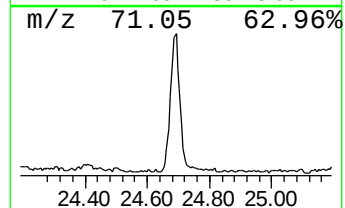
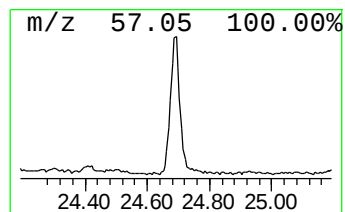
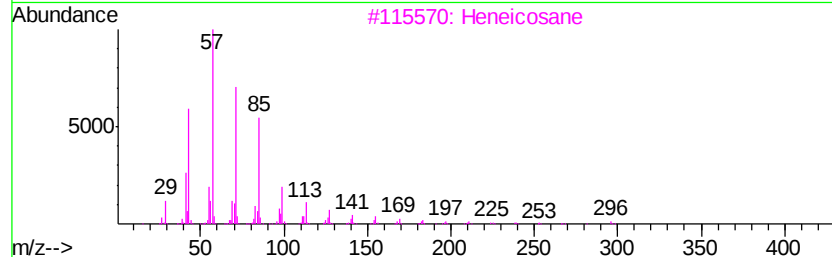
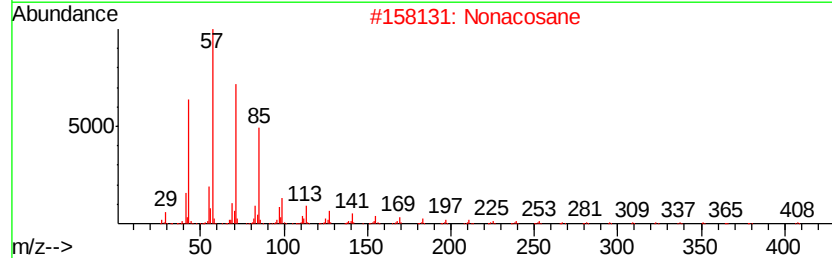
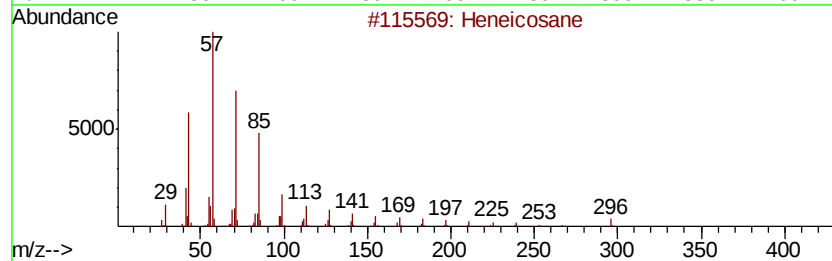
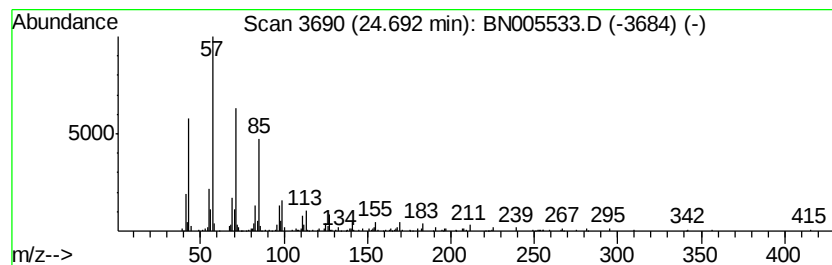
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.54 ng/ul	485857	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonacosane	408	C29H60	000630-03-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005533.D
Acq On : 08 May 2019 15:21
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5141

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	17.90	7.0	ng/ul	1383060	4	16.97	3940430	20.0
1-Heneicosyl formate	20.94	8.2	ng/ul	1802240	5	21.22	4390910	20.0
(DEL) Alkane: Str...	22.79	2.6	ng/ul	506966	6	23.43	3825940	20.0
(DEL) Alkane: Str...	23.97	2.9	ng/ul	555531	6	23.43	3825940	20.0
(DEL) Alkane: Str...	24.69	2.5	ng/ul	485857	6	23.43	3825940	20.0