

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005456.D
 Acq On : 03 May 2019 17:37
 Operator : JU/SJ
 Sample : K2604-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ82

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	35	38	45	rVB	69093	92530	1.02%	0.092%
2	6.775	637	644	660	rVB	1331256	2348311	25.84%	2.338%
3	6.940	665	672	686	rVB	1061160	1700005	18.71%	1.693%
4	7.128	697	704	714	rBV	1395466	2200567	24.22%	2.191%
5	7.587	775	782	790	rBV	1193666	1950388	21.46%	1.942%
6	7.664	791	795	802	rVB	17967	28483	0.31%	0.028%
7	8.293	894	902	912	rBV	1719990	2878038	31.67%	2.866%
8	8.734	969	977	988	rBV	1356847	2287110	25.17%	2.277%
9	8.905	1003	1006	1010	rBV5	8629	11620	0.13%	0.012%
10	9.169	1045	1051	1057	rBV	19548	28602	0.31%	0.028%
11	9.446	1091	1098	1112	rBV	1138725	1898028	20.89%	1.890%
12	9.975	1181	1188	1203	rBV	1680998	3004089	33.06%	2.991%
13	10.352	1242	1252	1261	rBV	1883030	3030163	33.35%	3.017%
14	10.493	1267	1276	1299	rBV	1632655	3111768	34.24%	3.098%
15	11.963	1519	1526	1535	rBV3	21124	44820	0.49%	0.045%
16	12.834	1666	1674	1678	rBV	7155	11942	0.13%	0.012%
17	13.193	1730	1735	1742	rVB4	6354	10969	0.12%	0.011%
18	13.451	1774	1779	1786	rBV	36615	56366	0.62%	0.056%
19	13.640	1804	1811	1816	rBV	3270253	4659772	51.28%	4.639%
20	13.687	1816	1819	1831	rVB	798610	1101520	12.12%	1.097%
21	13.910	1849	1857	1873	rBV	3856571	5777634	63.58%	5.752%
22	14.146	1893	1897	1902	rVB6	7657	10697	0.12%	0.011%
23	14.222	1903	1910	1923	rBV2	2833319	4282987	47.13%	4.264%
24	14.440	1940	1947	1970	rBV	1073717	2175695	23.94%	2.166%
25	14.651	1979	1983	1988	rVB7	8017	17791	0.20%	0.018%
26	15.046	2044	2050	2054	rBV4	10712	17139	0.19%	0.017%
27	15.104	2056	2060	2065	rVB4	15663	23071	0.25%	0.023%
28	15.222	2073	2080	2094	rBV	4638505	6939640	76.37%	6.909%
29	15.357	2097	2103	2117	rVV	1195935	1812998	19.95%	1.805%
30	15.463	2117	2121	2126	rVV2	66337	107634	1.18%	0.107%
31	15.504	2126	2128	2133	rVB6	7968	12228	0.13%	0.012%
32	15.663	2149	2155	2159	rVB5	12364	17981	0.20%	0.018%
33	15.910	2193	2197	2202	rBV5	9820	17582	0.19%	0.018%
34	15.969	2203	2207	2209	rVV3	15237	18251	0.20%	0.018%

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35	16.016	2209	2215	2222	rVB8	20656	42509	0.47%	0.042%
36	16.140	2230	2236	2239	rBV5	13178	19255	0.21%	0.019%
37	16.181	2239	2243	2248	rVB5	7068	9581	0.11%	0.010%
38	16.657	2321	2324	2328	rVB4	8518	11620	0.13%	0.012%
39	16.763	2338	2342	2345	rBV2	24571	29585	0.33%	0.029%
40	16.975	2372	2378	2389	rBV2	3587085	5391612	59.33%	5.368%
41	17.075	2389	2395	2410	rVB2	5053302	7633886	84.01%	7.601%
42	17.392	2445	2449	2455	rVB8	7133	11965	0.13%	0.012%
43	17.504	2465	2468	2473	rVB4	7866	10658	0.12%	0.011%
44	17.775	2511	2514	2516	rBV3	6497	9194	0.10%	0.009%
45	17.904	2530	2536	2551	rBV	575372	1073521	11.81%	1.069%
46	18.198	2582	2586	2589	rVB4	9982	12684	0.14%	0.013%
47	18.839	2691	2695	2701	rVB4	17684	29561	0.33%	0.029%
48	18.951	2711	2714	2719	rBV7	9630	13785	0.15%	0.014%
49	19.022	2722	2726	2729	rBV	61123	77020	0.85%	0.077%
50	19.198	2751	2756	2765	rBV2	149236	296141	3.26%	0.295%
51	19.275	2765	2769	2774	rVB2	66658	95312	1.05%	0.095%
52	19.392	2782	2789	2798	rBV	6362255	9087305	100.00%	9.048%
53	19.463	2799	2801	2807	rVB4	37532	47488	0.52%	0.047%
54	19.939	2879	2882	2884	rBV4	14737	18757	0.21%	0.019%
55	19.969	2884	2887	2892	rVB	53036	60469	0.67%	0.060%
56	20.228	2929	2931	2934	rBV4	12254	15254	0.17%	0.015%
57	20.475	2968	2973	2977	rBV	99771	116904	1.29%	0.116%
58	20.939	3047	3052	3061	rBV2	909868	1495873	16.46%	1.489%
59	21.145	3084	3087	3090	rBV3	23949	27152	0.30%	0.027%
60	21.204	3092	3097	3107	rBV	4350046	5915749	65.10%	5.890%
61	21.333	3116	3119	3124	rBV6	37161	52657	0.58%	0.052%
62	21.386	3124	3128	3138	rVB	251206	291499	3.21%	0.290%
63	21.816	3197	3201	3206	rBV	293292	413150	4.55%	0.411%
64	22.275	3274	3279	3288	rVB	488232	682516	7.51%	0.680%
65	22.398	3296	3300	3304	rVB2	133602	172529	1.90%	0.172%
66	22.769	3359	3363	3372	rBV	488991	700812	7.71%	0.698%
67	23.269	3440	3448	3454	rBV	3954088	7242222	79.70%	7.211%
68	23.322	3454	3457	3463	rVV	533047	850927	9.36%	0.847%
69	23.404	3464	3471	3488	rVB	2582795	4978381	54.78%	4.957%
70	23.951	3558	3564	3572	rBV	443193	776642	8.55%	0.773%
71	24.674	3681	3687	3694	rBV2	290812	598782	6.59%	0.596%

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72	25.516	3825	3830	3841	rVB3	179728	438115	4.82%	0.436%
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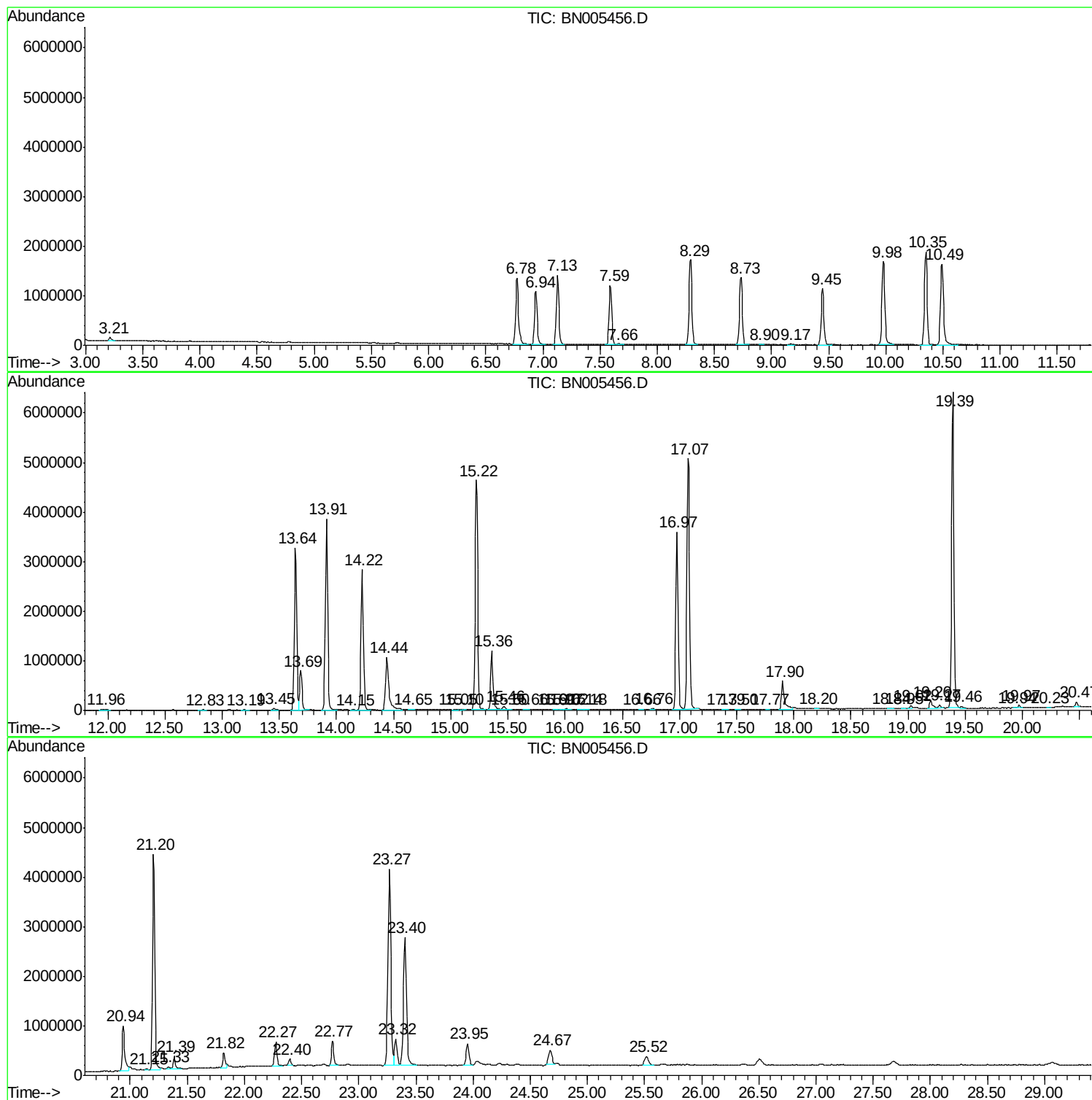
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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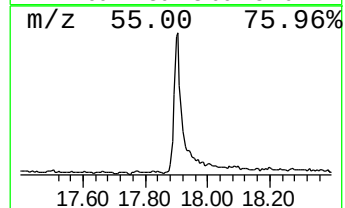
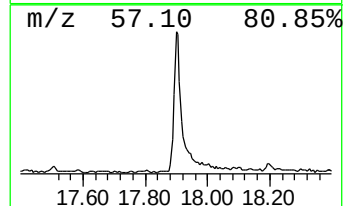
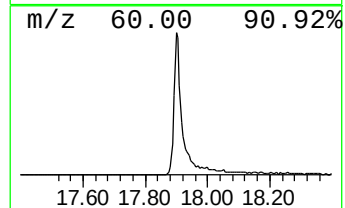
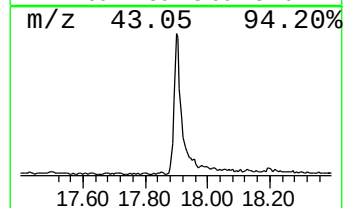
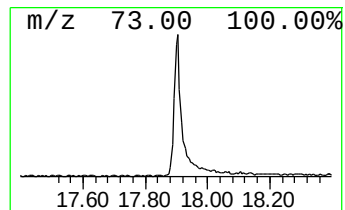
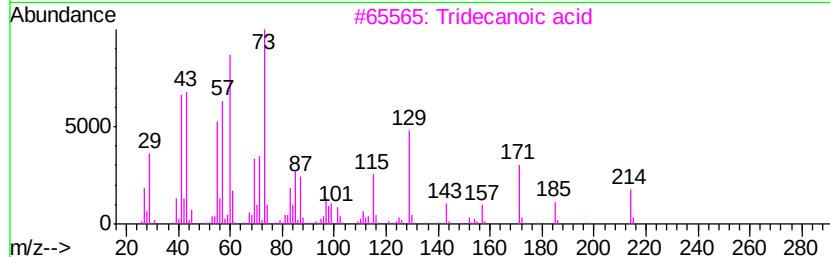
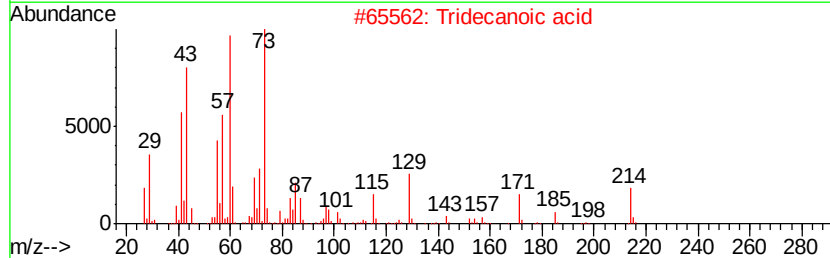
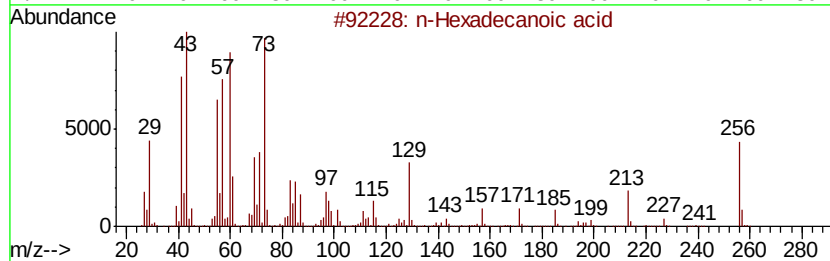
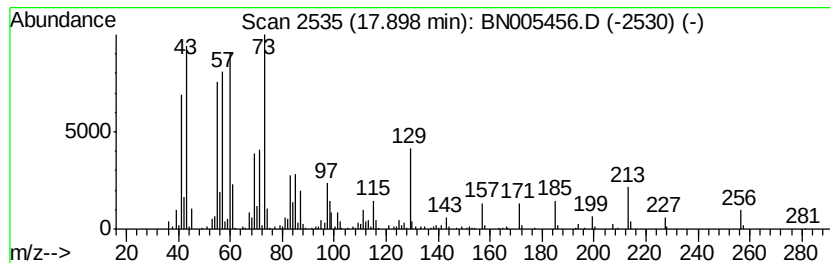
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	3.98 ng/ul	1073520	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	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	81



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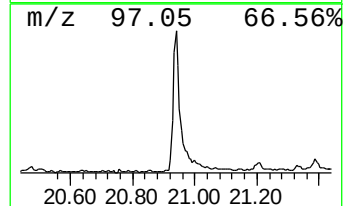
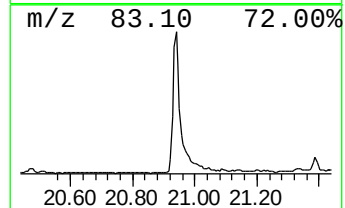
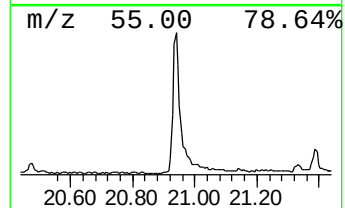
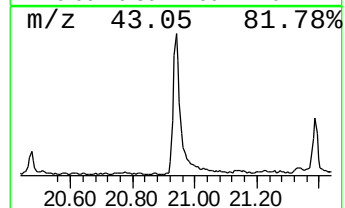
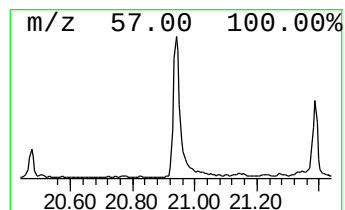
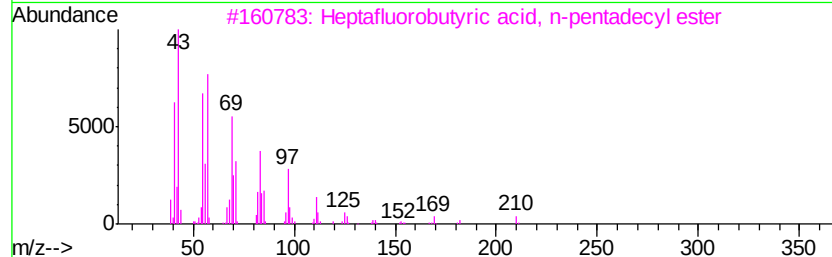
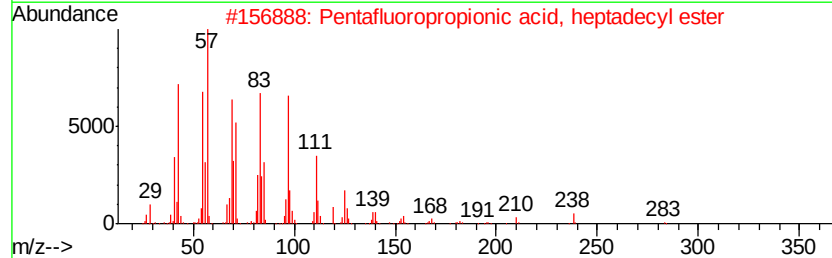
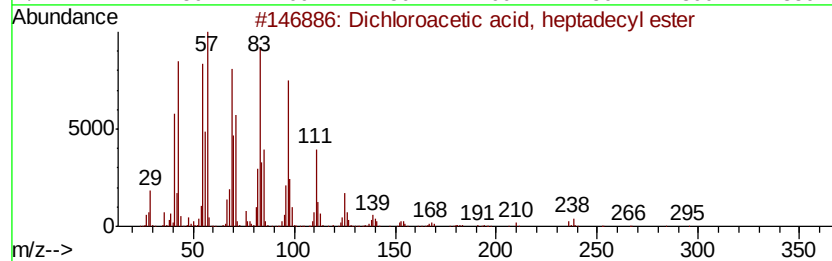
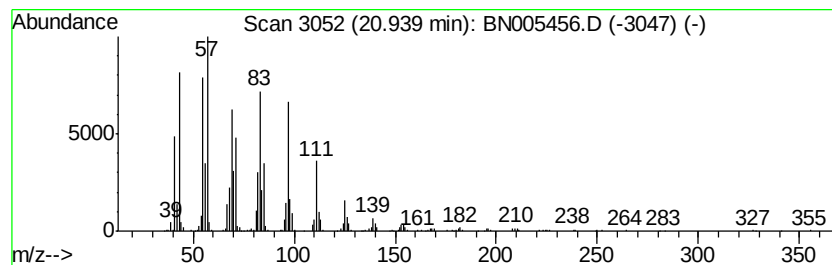
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.06 ng/ul	1495870	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94	
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	93	
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91	
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91	
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91	



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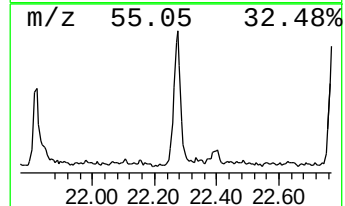
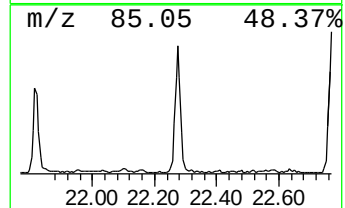
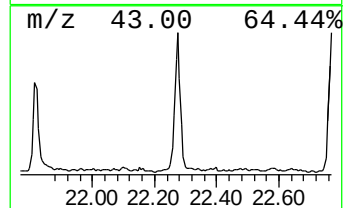
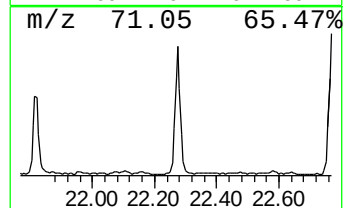
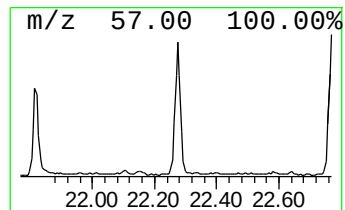
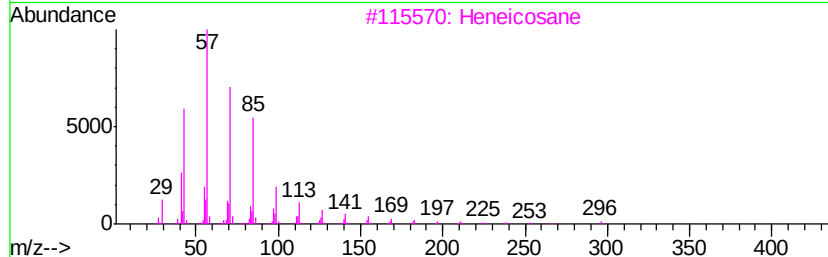
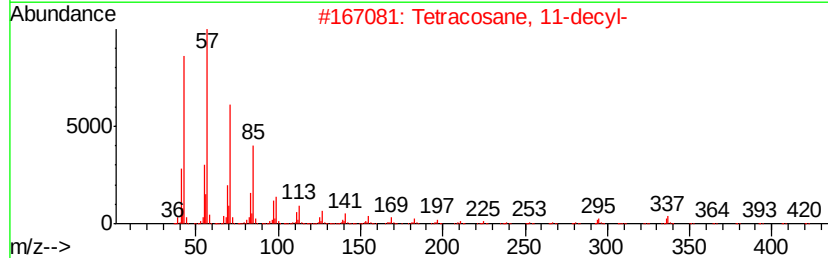
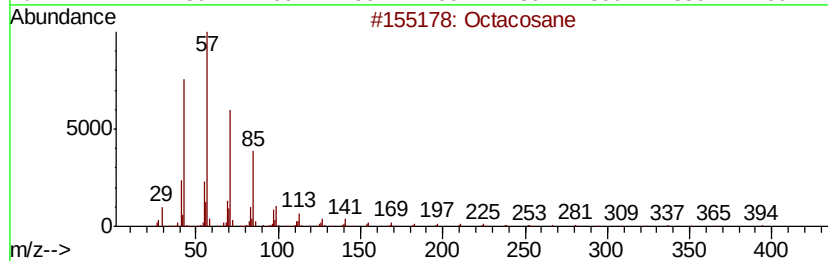
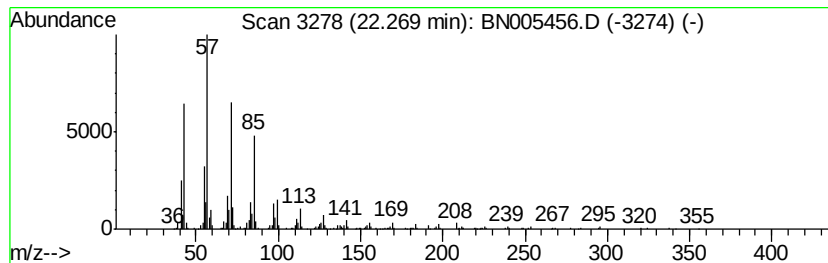
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.31 ng/ul	682516	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Hentriacontane	437	C31H64	000630-04-6	90



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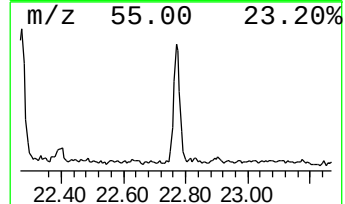
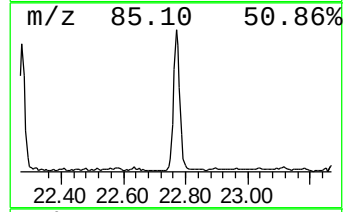
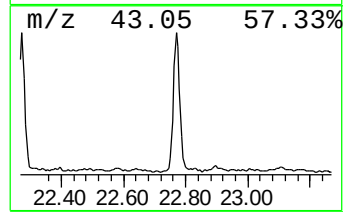
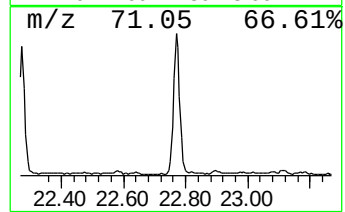
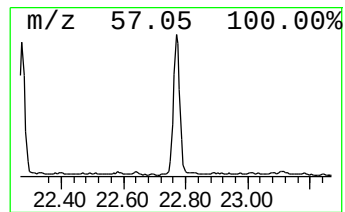
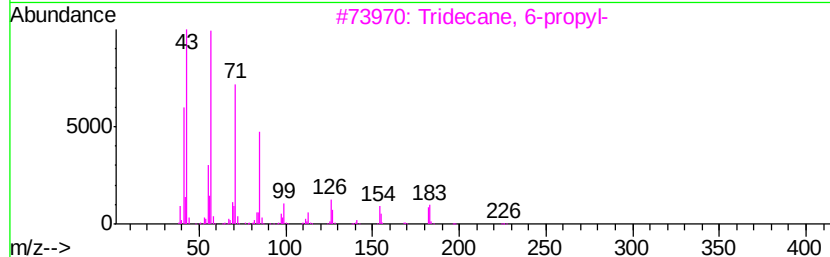
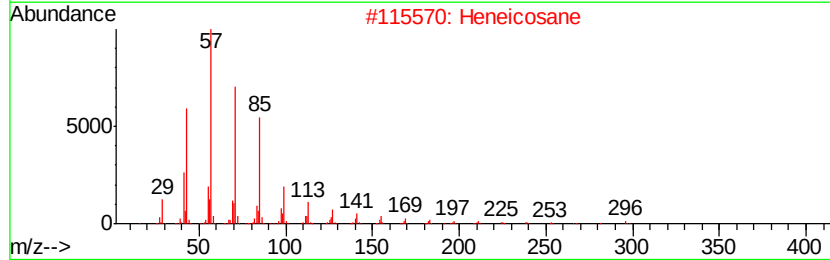
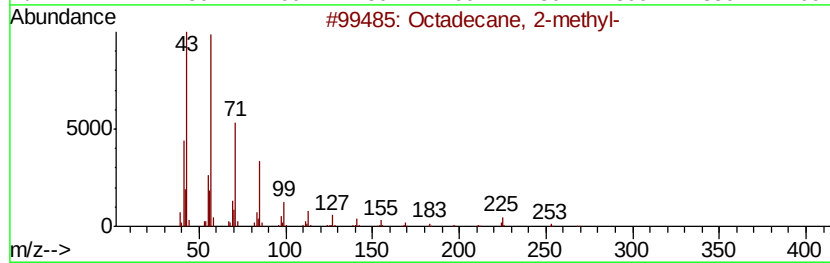
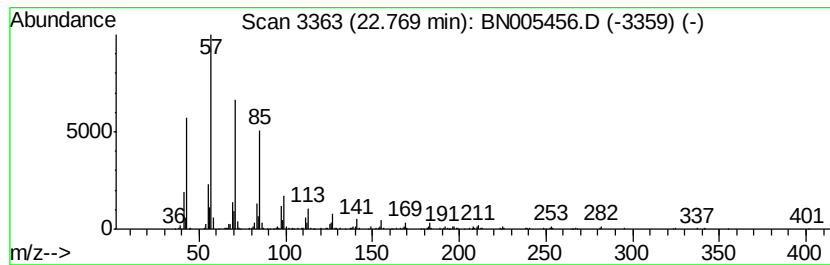
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.82 ng/ul	700812	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005456.D
Acq On : 03 May 2019 17:37
Operator : JU/SJ
Sample : K2604-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ82

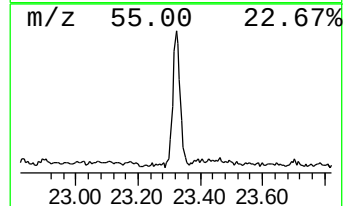
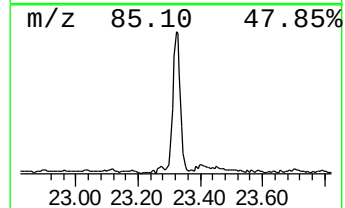
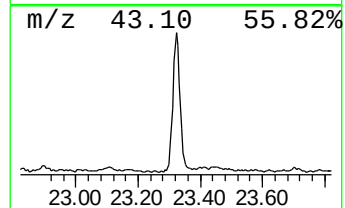
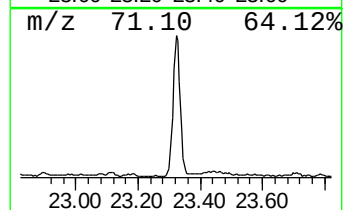
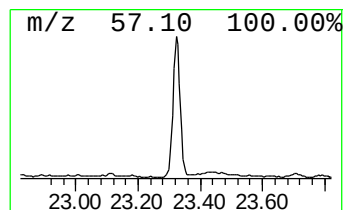
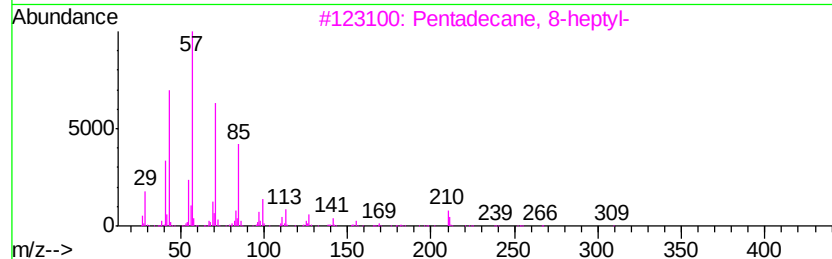
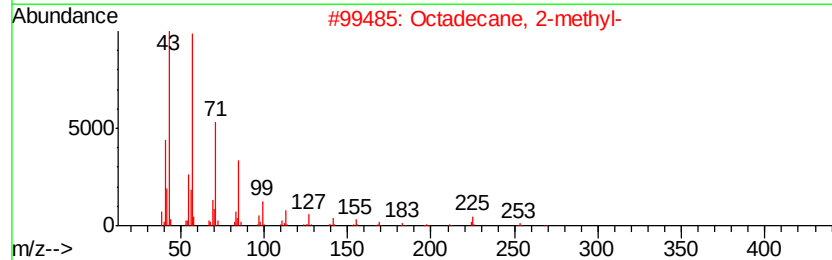
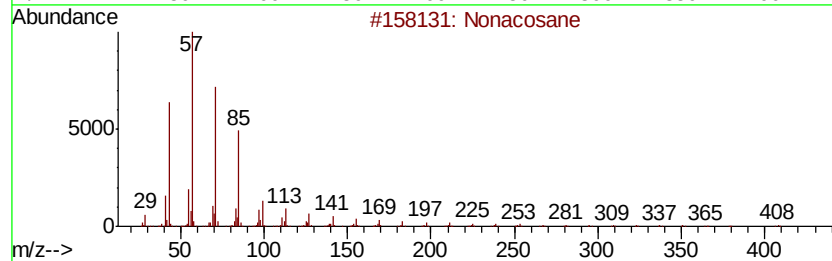
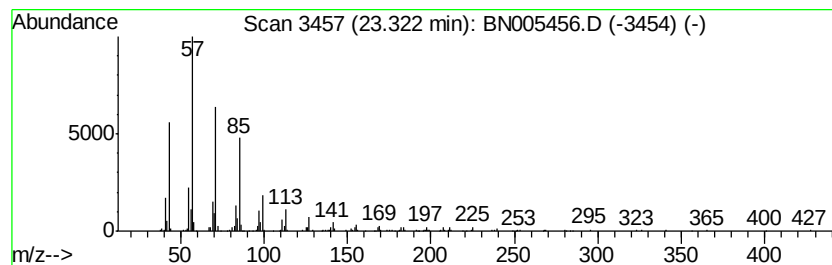
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Quant Title : SVOA CALIBRATION

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.
23.32	3.42 ng/ul	850927	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane		408	C29H60	000630-03-5	91
2	Octadecane, 2-methyl-		268	C19H40	001560-88-9	91
3	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005456.D
Acq On : 03 May 2019 17:37
Operator : JU/SJ
Sample : K2604-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ82

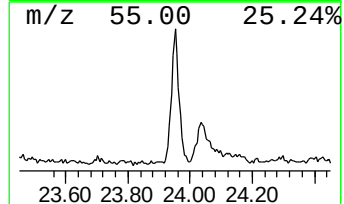
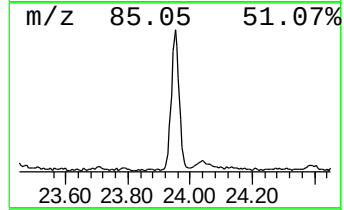
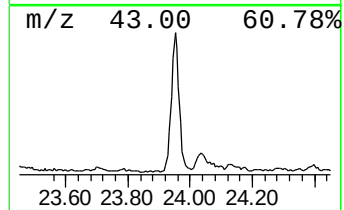
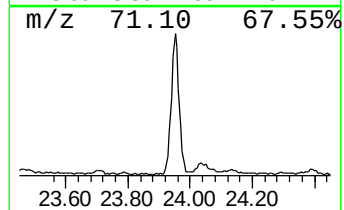
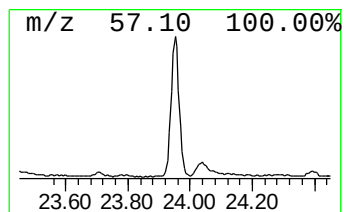
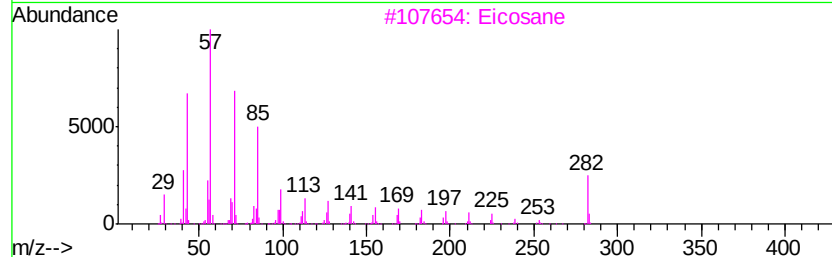
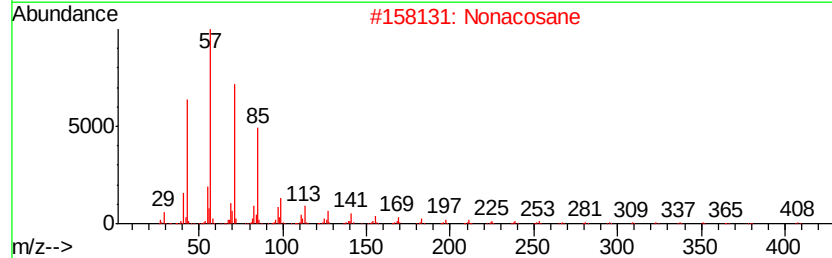
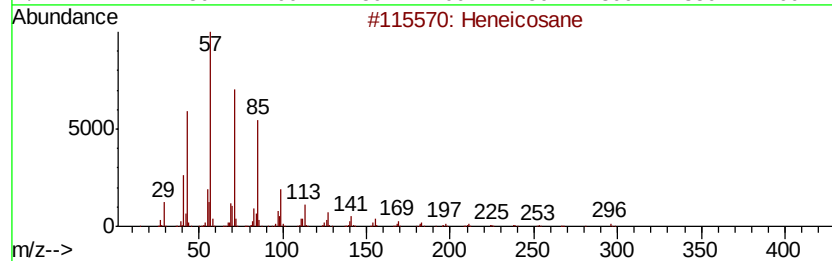
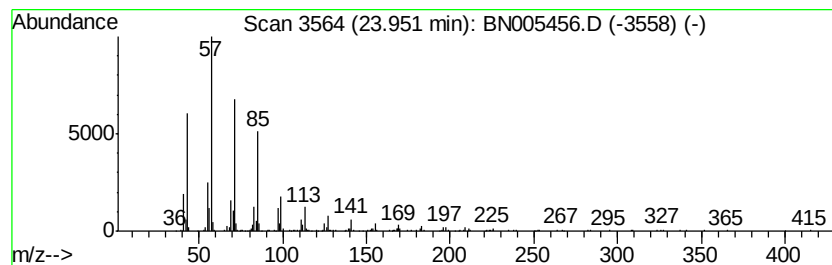
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.12 ng/ul	776642	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Eicosane	282	C20H42	000112-95-8	91
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\BN050319\
Data File : BN005456.D
Acq On : 03 May 2019 17:37
Operator : JU/SJ
Sample : K2604-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ82

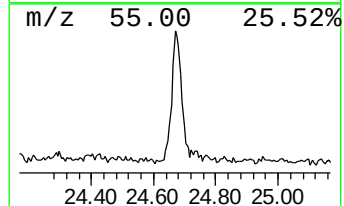
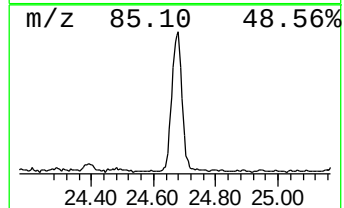
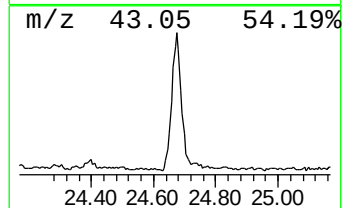
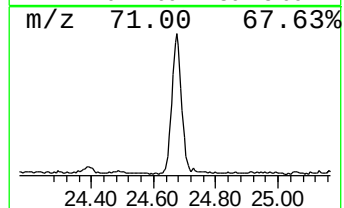
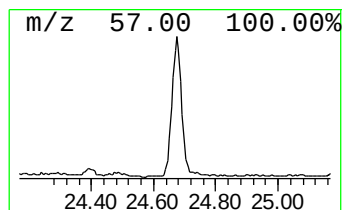
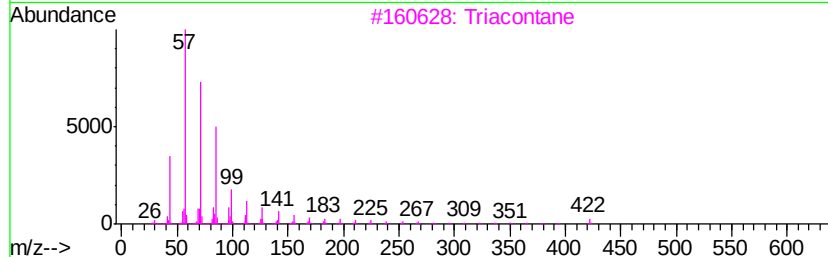
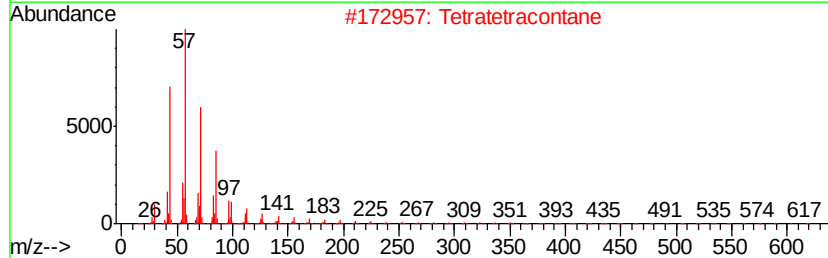
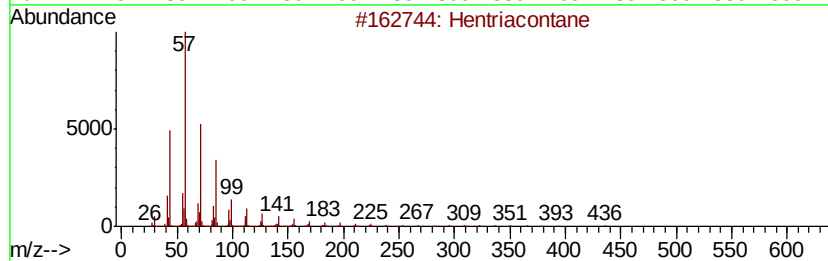
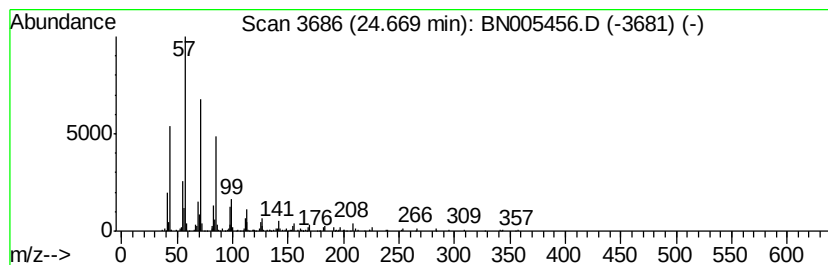
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	2.41 ng/ul	598782	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005456.D
Acq On : 03 May 2019 17:37
Operator : JU/SJ
Sample : K2604-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ82

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	4.0	ng/ul	1073520	4	16.97	5391610	20.0
Dichloroacetic ac...	20.94	5.1	ng/ul	1495870	5	21.20	5915750	20.0
(DEL) Alkane: Str...	22.27	2.3	ng/ul	682516	5	21.20	5915750	20.0
(DEL) Alkane: Str...	22.77	2.8	ng/ul	700812	6	23.40	4978380	20.0
(DEL) Alkane: Str...	23.32	3.4	ng/ul	850927	6	23.40	4978380	20.0
(DEL) Alkane: Str...	23.95	3.1	ng/ul	776642	6	23.40	4978380	20.0
(DEL) Alkane: Str...	24.67	2.4	ng/ul	598782	6	23.40	4978380	20.0