

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005181.D
 Acq On : 22 Apr 2019 19:16
 Operator : JU/SJ
 Sample : K2402-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHJ4

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	3.216	35	39	49	rVB	200864	237128	2.57%	0.200%
2	3.916	154	158	163	rVB2	18640	26800	0.29%	0.023%
3	3.999	168	172	177	rBV3	10744	17052	0.18%	0.014%
4	4.222	207	210	215	rBV6	6322	10351	0.11%	0.009%
5	4.863	314	319	323	rVB4	8087	13074	0.14%	0.011%
6	5.728	461	466	472	rVB3	9837	16715	0.18%	0.014%
7	6.281	555	560	568	rVB6	9629	18931	0.20%	0.016%
8	6.775	636	644	655	rBV	1841812	2807271	30.39%	2.369%
9	6.946	665	673	687	rBV	1415065	2136530	23.13%	1.803%
10	7.134	699	705	712	rBV	1779550	2720958	29.46%	2.296%
11	7.599	777	784	791	rBV	1747184	2686592	29.08%	2.267%
12	7.669	791	796	801	rVB2	33467	51000	0.55%	0.043%
13	8.293	895	902	914	rBV	2224921	3493570	37.82%	2.948%
14	8.569	943	949	952	rBV7	5437	9308	0.10%	0.008%
15	8.740	968	978	987	rBV	1767671	2765301	29.94%	2.333%
16	8.857	992	998	1002	rVV5	11953	22163	0.24%	0.019%
17	8.910	1004	1007	1013	rVB6	9607	16481	0.18%	0.014%
18	9.198	1051	1056	1062	rVB	46693	65750	0.71%	0.055%
19	9.451	1092	1099	1109	rBV	1432448	2239923	24.25%	1.890%
20	9.875	1163	1171	1173	rBV4	5220	9558	0.10%	0.008%
21	9.981	1182	1189	1200	rBV	2295845	3651380	39.53%	3.081%
22	10.357	1245	1253	1261	rBV	2451622	4079908	44.17%	3.442%
23	10.493	1269	1276	1285	rBV	2112904	3574040	38.69%	3.016%
24	11.398	1425	1430	1434	rVB7	8478	12245	0.13%	0.010%
25	11.798	1490	1498	1503	rBV5	8724	16287	0.18%	0.014%
26	11.898	1510	1515	1519	rBV4	8811	13827	0.15%	0.012%
27	11.951	1519	1524	1531	rVB	39565	62527	0.68%	0.053%
28	13.081	1711	1716	1720	rBV3	12652	17312	0.19%	0.015%
29	13.151	1722	1728	1730	rBV4	7335	11454	0.12%	0.010%
30	13.192	1730	1735	1738	rBV5	7425	9251	0.10%	0.008%
31	13.463	1777	1781	1786	rVB5	6498	9956	0.11%	0.008%
32	13.651	1806	1813	1817	rBV	4132151	5605874	60.69%	4.730%
33	13.698	1817	1821	1827	rVB	1116293	1485346	16.08%	1.253%
34	13.922	1852	1859	1868	rBV	4475136	6612078	71.58%	5.579%

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35	14.169	1894	1901	1904	rBV3	13177	18095	0.20%	0.015%
36	14.233	1904	1912	1919	rBV2	3694460	5570643	60.31%	4.700%
37	14.428	1938	1945	1955	rBV	1826327	2608392	28.24%	2.201%
38	14.663	1982	1985	1986	rBV3	8467	9346	0.10%	0.008%
39	15.075	2050	2055	2059	rVB5	5949	9532	0.10%	0.008%
40	15.122	2059	2063	2068	rBV5	15836	21695	0.23%	0.018%
41	15.228	2075	2081	2091	rVB	5363161	7971580	86.30%	6.726%
42	15.345	2094	2101	2112	rBV	1598226	2150899	23.28%	1.815%
43	15.469	2117	2122	2127	rVB2	70796	98929	1.07%	0.083%
44	15.622	2144	2148	2152	rVB6	6310	10721	0.12%	0.009%
45	15.680	2155	2158	2163	rVB6	10094	16669	0.18%	0.014%
46	15.757	2163	2171	2172	rBV7	6501	14198	0.15%	0.012%
47	15.980	2207	2209	2212	rBV3	9267	11468	0.12%	0.010%
48	16.022	2212	2216	2222	rVB7	22967	38769	0.42%	0.033%
49	16.192	2241	2245	2248	rVB4	9329	12430	0.13%	0.010%
50	16.257	2252	2256	2259	rVB4	6732	9468	0.10%	0.008%
51	16.410	2278	2282	2286	rVB7	9334	14865	0.16%	0.013%
52	16.663	2322	2325	2332	rVB6	10257	15111	0.16%	0.013%
53	16.775	2338	2344	2348	rBV2	21343	41114	0.45%	0.035%
54	16.986	2373	2380	2389	rVB2	4644715	6592284	71.37%	5.562%
55	17.086	2389	2397	2406	rBV	5861338	8463263	91.62%	7.141%
56	17.786	2513	2516	2518	rBV3	15899	19302	0.21%	0.016%
57	17.922	2533	2539	2564	rBV	914899	1786583	19.34%	1.507%
58	18.216	2585	2589	2596	rVB7	20444	43951	0.48%	0.037%
59	18.592	2651	2653	2660	rBV7	11653	19239	0.21%	0.016%
60	18.863	2696	2699	2705	rVB2	32931	44861	0.49%	0.038%
61	19.027	2723	2727	2730	rBV	65366	86728	0.94%	0.073%
62	19.063	2731	2733	2735	rVV2	30573	31719	0.34%	0.027%
63	19.092	2735	2738	2745	rVB7	37698	64348	0.70%	0.054%
64	19.216	2755	2759	2767	rBV	472395	794999	8.61%	0.671%
65	19.280	2767	2770	2780	rVV	95979	200758	2.17%	0.169%
66	19.398	2782	2790	2797	rVV	6744273	9237381	100.00%	7.794%
67	19.457	2797	2800	2803	rVV	72312	88006	0.95%	0.074%
68	19.492	2803	2806	2811	rVB3	61070	74595	0.81%	0.063%
69	19.957	2883	2885	2887	rBV3	14620	15842	0.17%	0.013%
70	20.004	2889	2893	2897	rVV	108000	132008	1.43%	0.111%
71	20.327	2945	2948	2950	rBV4	24941	34414	0.37%	0.029%

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72	20.510	2975	2979	2983	rBV	176796	197720	2.14%	0.167%
73	20.974	3053	3058	3073	rBV3	992310	1838255	19.90%	1.551%
74	21.180	3091	3093	3096	rVB	47624	37153	0.40%	0.031%
75	21.227	3096	3101	3107	rBV	4507826	6140829	66.48%	5.181%
76	21.439	3133	3137	3142	rBV	423058	479704	5.19%	0.405%
77	21.886	3209	3213	3219	rBV	578241	698651	7.56%	0.589%
78	22.351	3287	3292	3297	rBV	649640	834105	9.03%	0.704%
79	22.474	3309	3313	3317	rVB	202965	273685	2.96%	0.231%
80	22.857	3373	3378	3384	rBV	646084	916605	9.92%	0.773%
81	23.315	3449	3456	3466	rVB2	4296612	7725340	83.63%	6.518%
82	23.451	3469	3479	3491	rVB	3156143	6756539	73.14%	5.701%
83	24.062	3578	3583	3590	rVB	488389	845534	9.15%	0.713%
84	24.139	3592	3596	3605	rVB8	106885	253397	2.74%	0.214%
85	24.798	3702	3708	3717	rBV	297420	618897	6.70%	0.522%

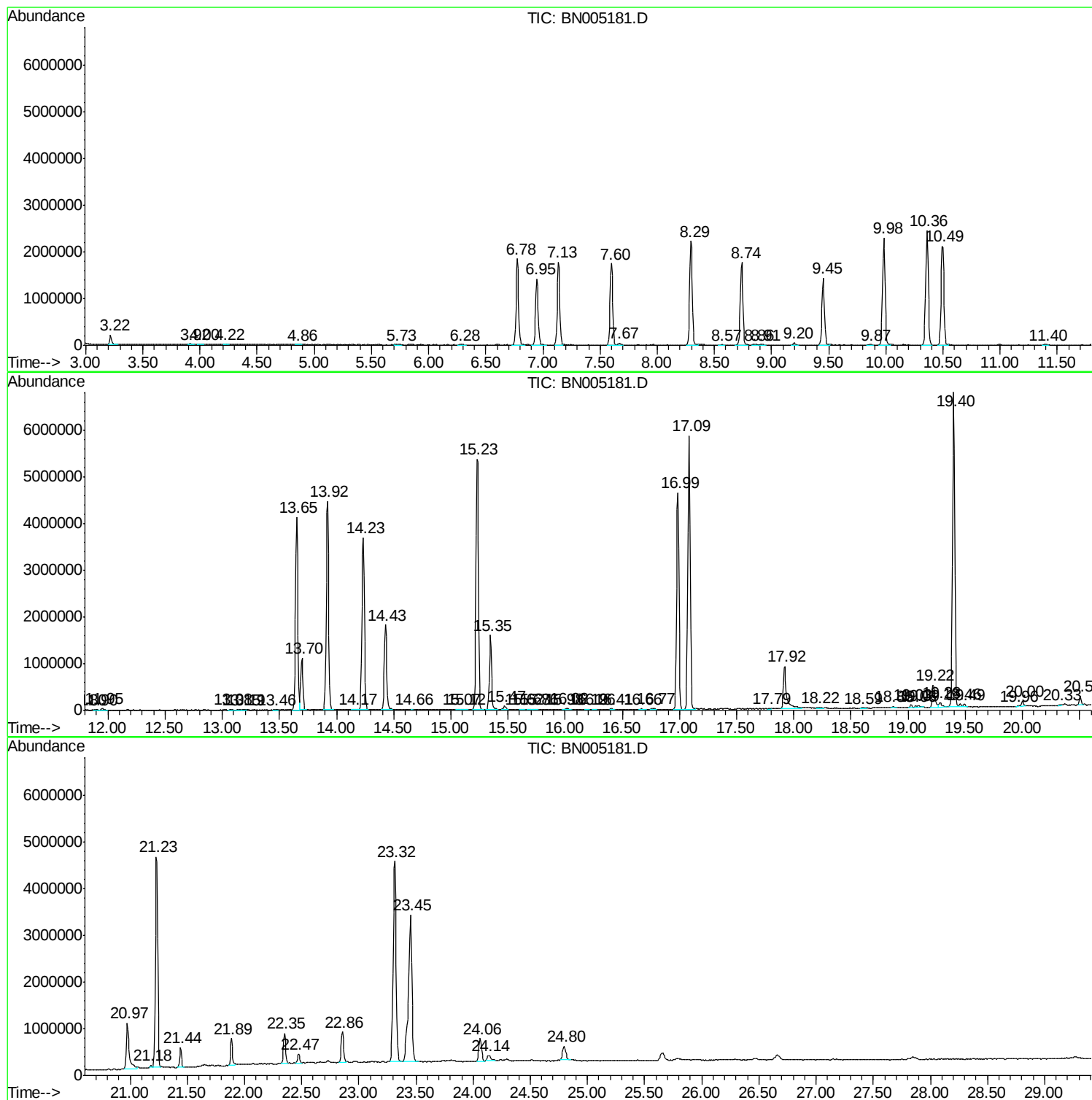
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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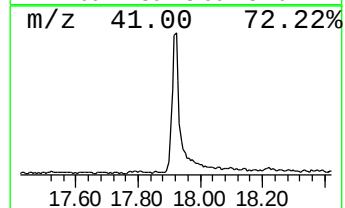
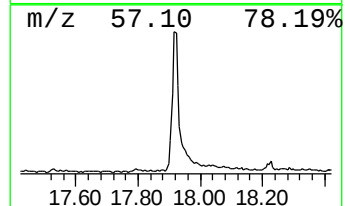
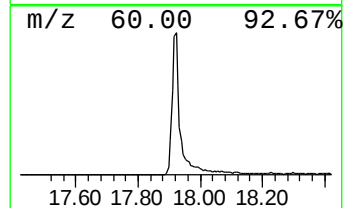
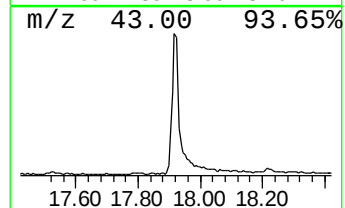
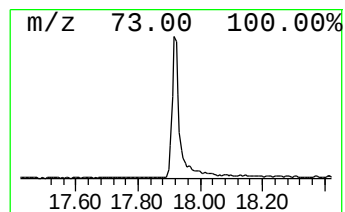
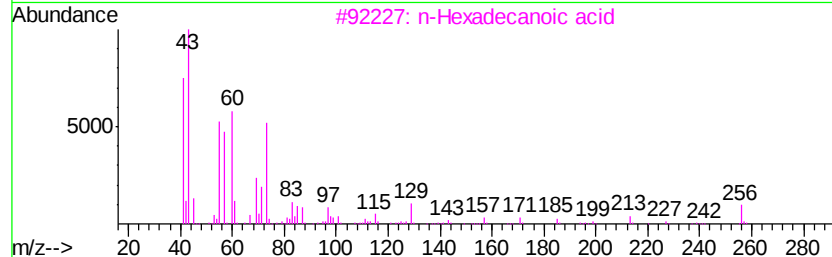
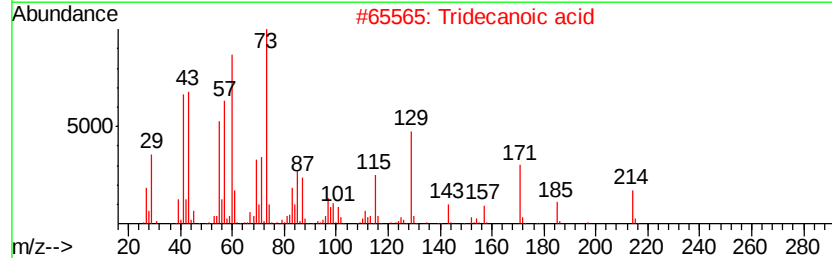
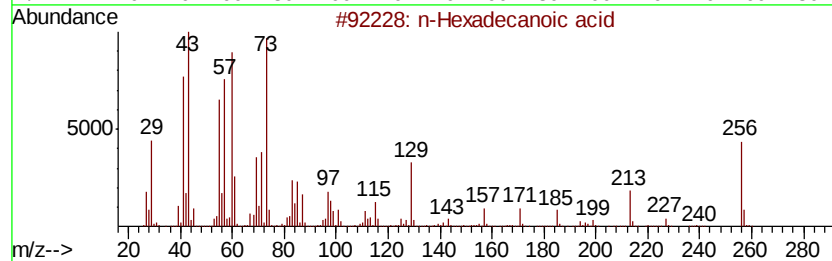
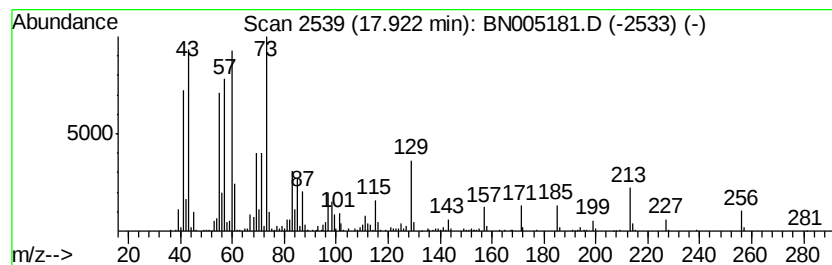
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.		
17.92	5.42 ng/ul	1786580	Phenanthrene-d10	16.99		
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	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	



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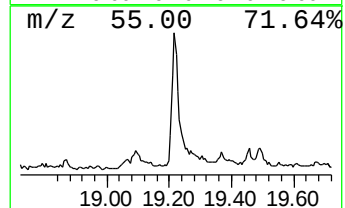
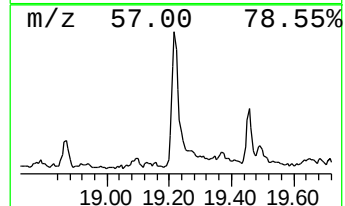
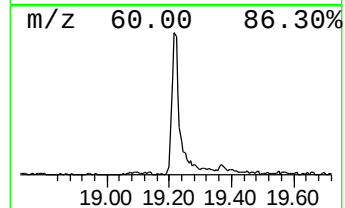
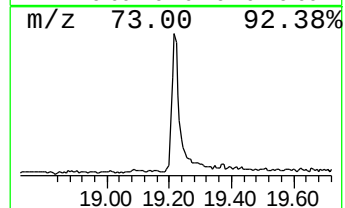
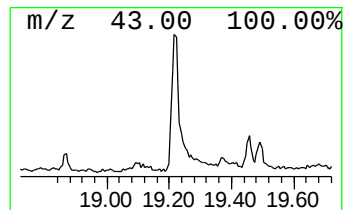
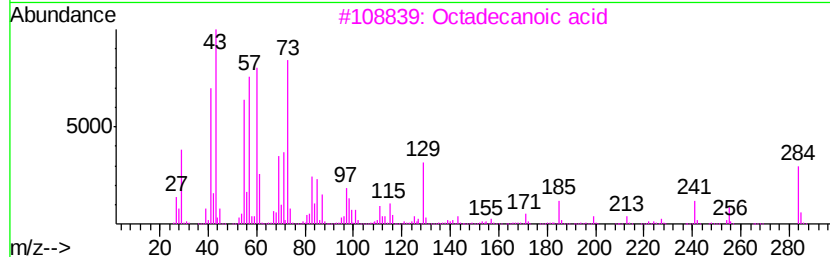
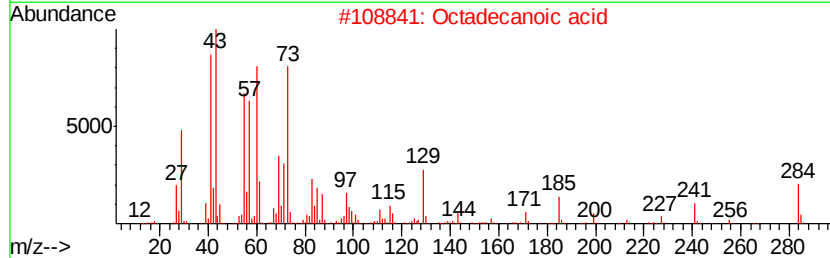
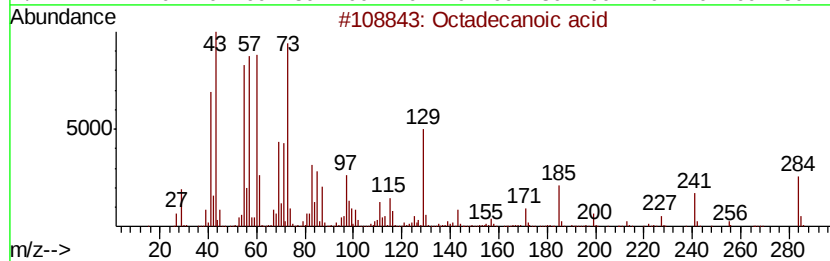
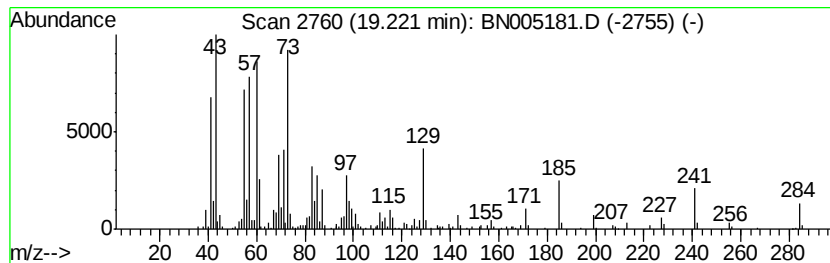
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.59 ng/ul	794999	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	97
3	Octadecanoic acid	284 C18H36O2	000057-11-4	94
4	Octadecanoic acid, 2-(2-hydroxyve...	372 C22H44O4	000106-11-6	91
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	89



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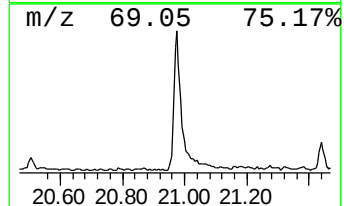
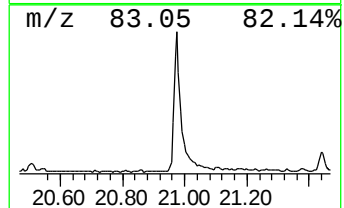
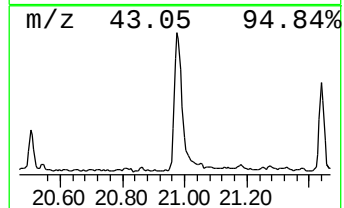
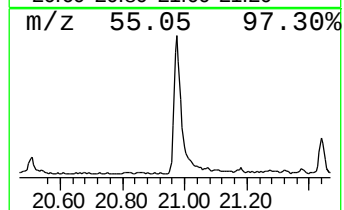
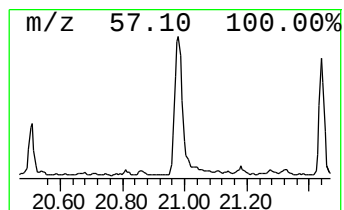
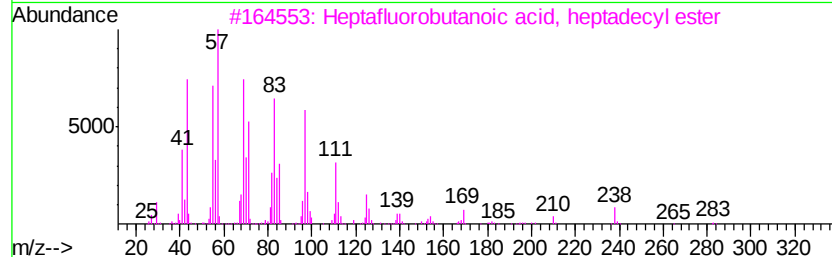
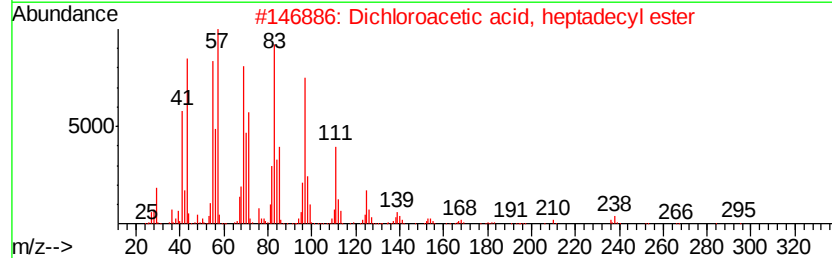
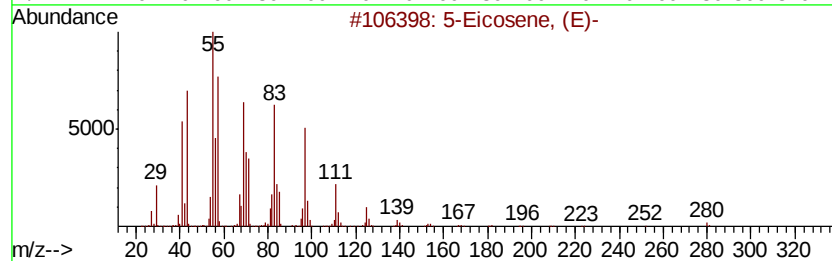
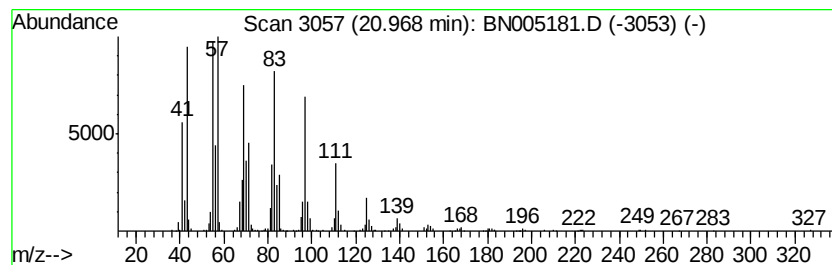
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.99 ng/ul	1838260	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		1-Docosene	308	C22H44	001599-67-3	91



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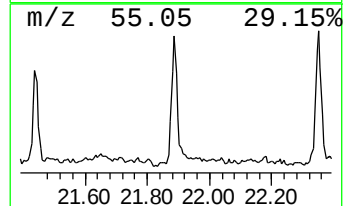
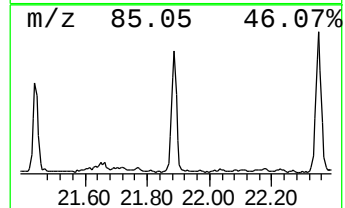
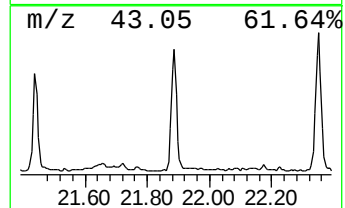
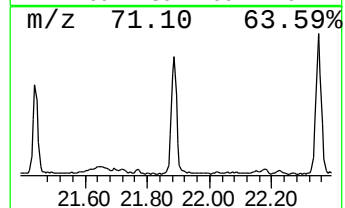
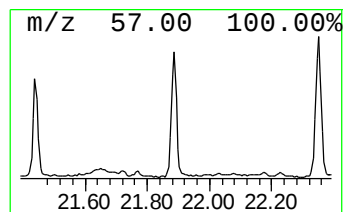
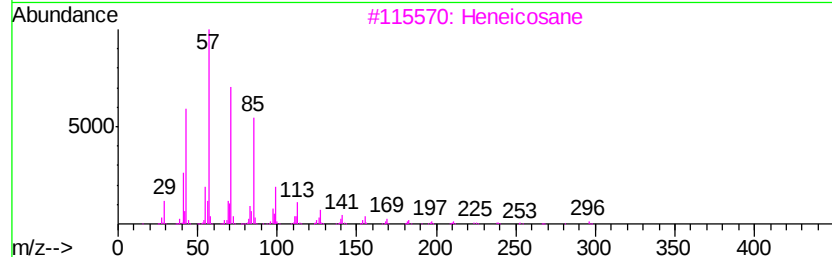
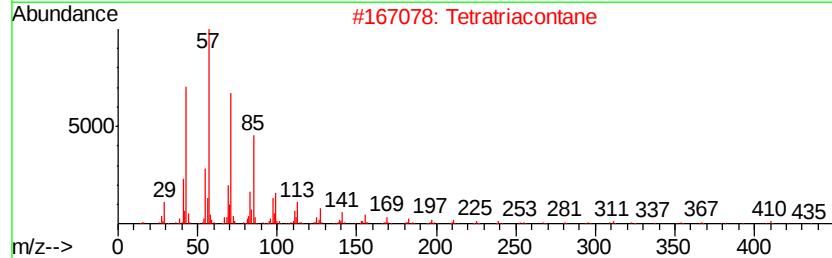
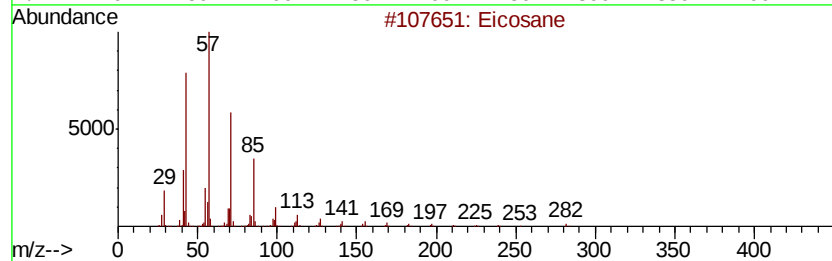
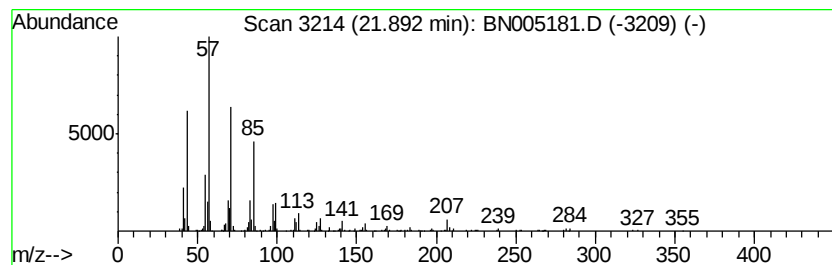
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.28 ng/ul	698651	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Tetratriacontane	479 C34H70	014167-59-0	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Octacosane	394 C28H58	000630-02-4	91
5	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005181.D
Acq On : 22 Apr 2019 19:16
Operator : JU/SJ
Sample : K2402-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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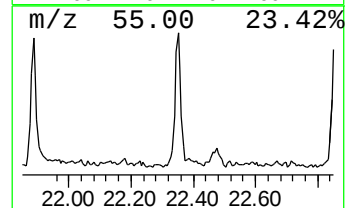
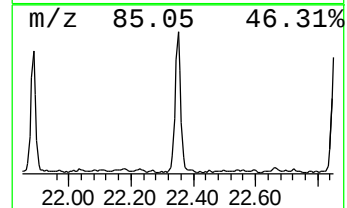
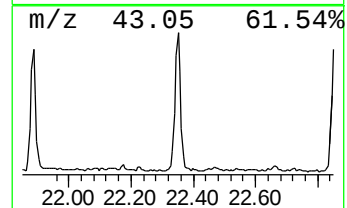
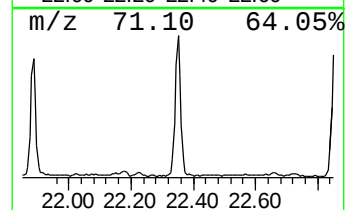
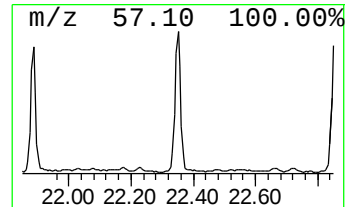
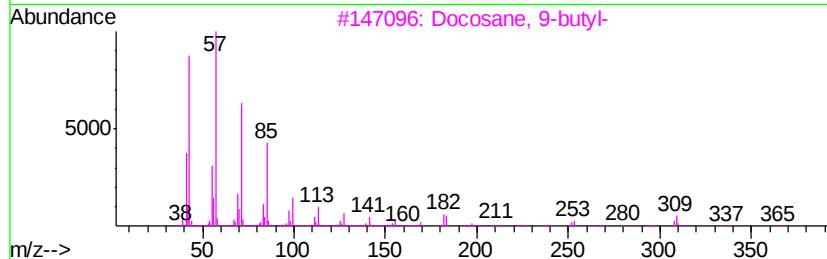
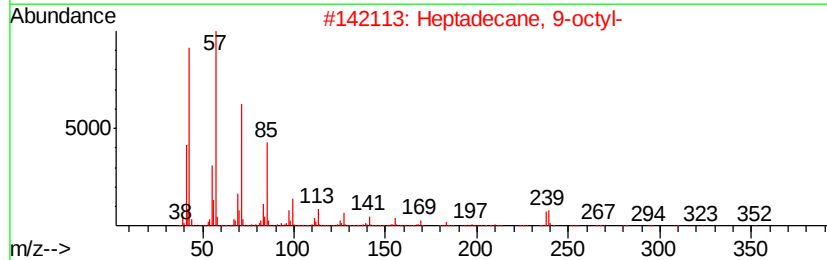
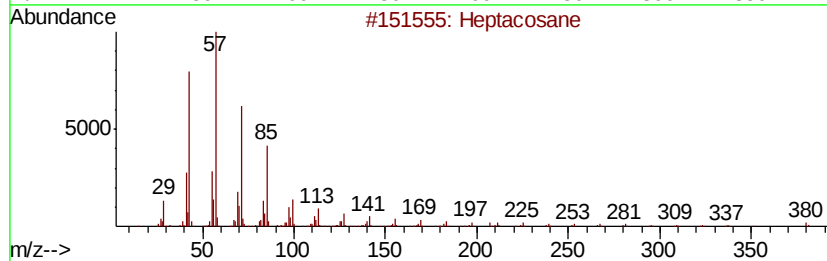
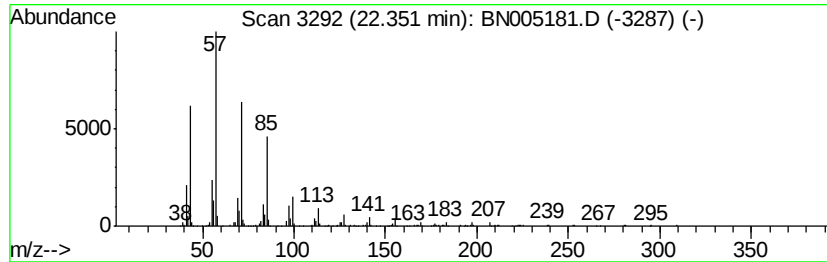
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.47 ng/ul	834105	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005181.D
Acq On : 22 Apr 2019 19:16
Operator : JU/SJ
Sample : K2402-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHJ4

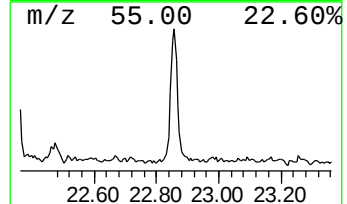
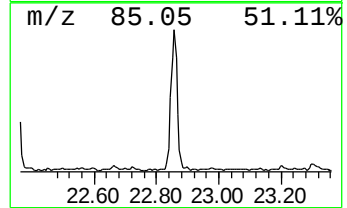
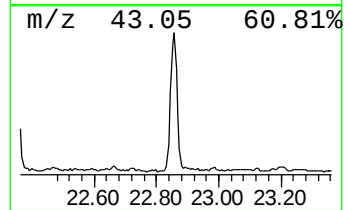
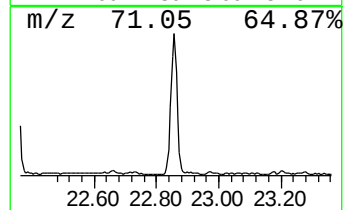
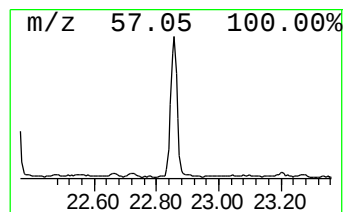
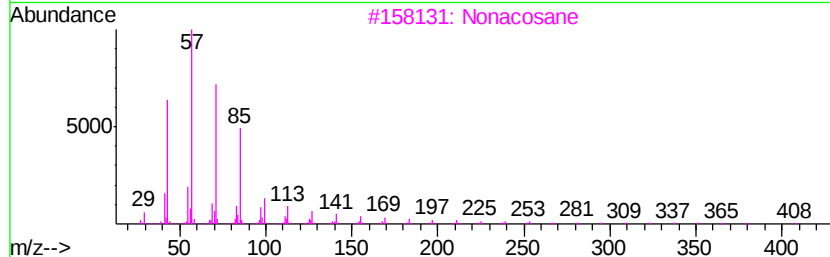
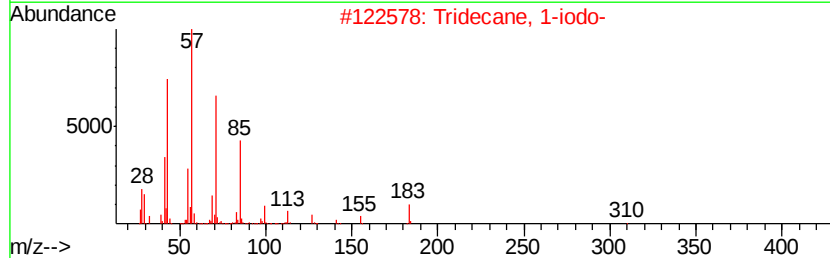
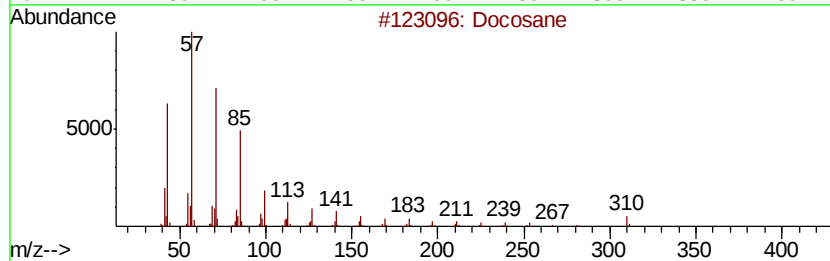
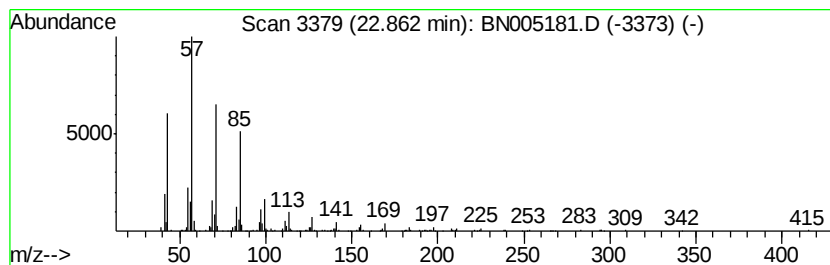
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.71 ng/ul	916605	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005181.D
Acq On : 22 Apr 2019 19:16
Operator : JU/SJ
Sample : K2402-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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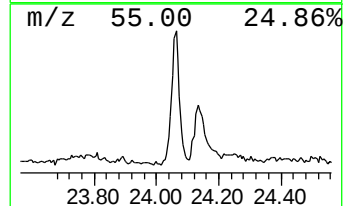
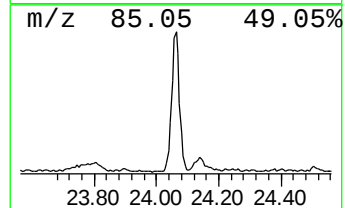
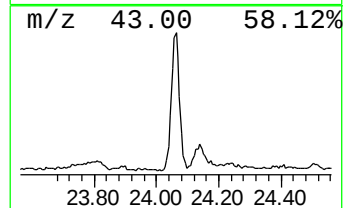
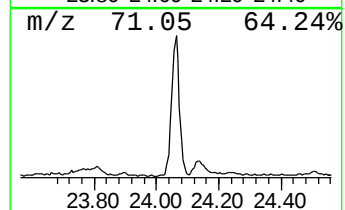
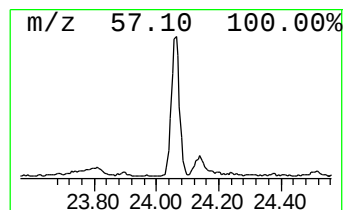
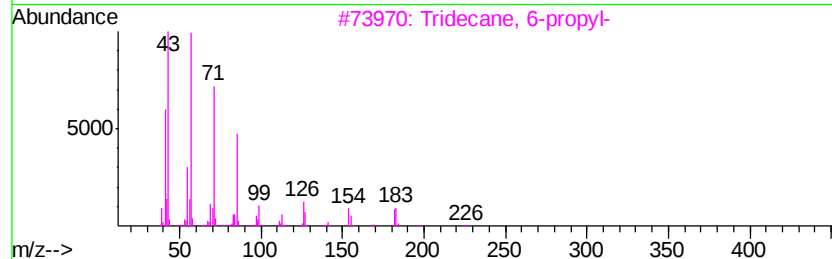
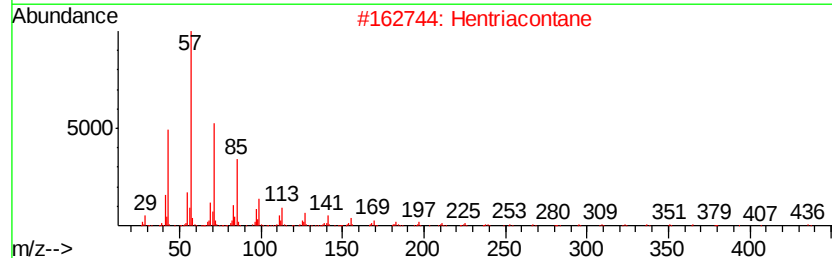
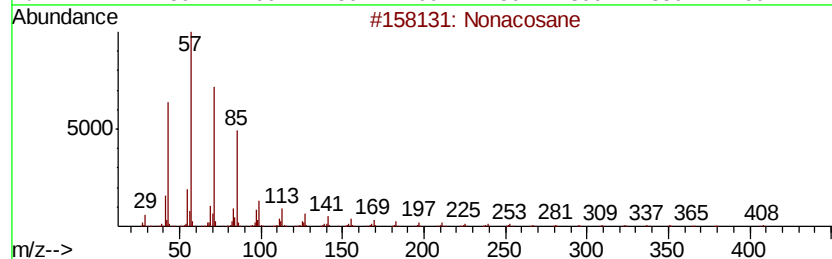
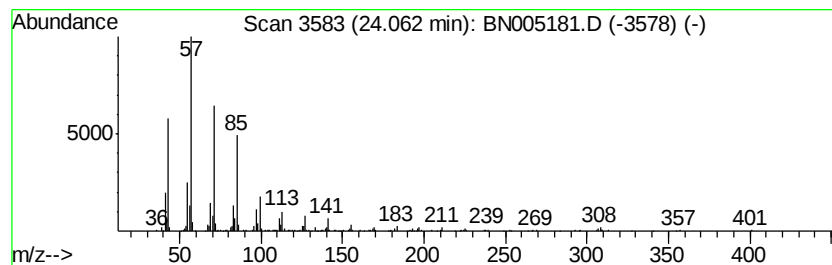
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.50 ng/ul	845534	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005181.D
Acq On : 22 Apr 2019 19:16
Operator : JU/SJ
Sample : K2402-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHJ4

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	17.92	5.4	ng/ul	1786580	4	16.99	6592280	20.0
Octadecanoic acid	19.22	2.6	ng/ul	794999	5	21.23	6140830	20.0
(DEL) Alkane: Cyc...	20.97	6.0	ng/ul	1838260	5	21.23	6140830	20.0
(DEL) Alkane: Str...	21.89	2.3	ng/ul	698651	5	21.23	6140830	20.0
(DEL) Alkane: Str...	22.35	2.5	ng/ul	834105	6	23.45	6756540	20.0
(DEL) Alkane: Str...	22.86	2.7	ng/ul	916605	6	23.45	6756540	20.0
(DEL) Alkane: Str...	24.06	2.5	ng/ul	845534	6	23.45	6756540	20.0