

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005286.D
 Acq On : 25 Apr 2019 18:58
 Operator : JU/SJ
 Sample : K2456-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP9

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	46	rVB	96076	128559	1.08%	0.103%
2	3.469	79	82	90	rVB	24322	39218	0.33%	0.031%
3	3.916	155	158	165	rVB3	20420	30793	0.26%	0.025%
4	4.252	213	215	219	rVB	15338	15275	0.13%	0.012%
5	5.722	462	465	474	rVB4	14556	25954	0.22%	0.021%
6	6.775	637	644	654	rBV	1684511	2682137	22.48%	2.145%
7	6.940	665	672	684	rVB	1340571	2120604	17.77%	1.696%
8	7.134	698	705	716	rVB	1703389	2670518	22.38%	2.136%
9	7.593	777	783	791	rBV	1451459	2300813	19.28%	1.840%
10	7.663	791	795	803	rVB	110401	166514	1.40%	0.133%
11	8.293	894	902	912	rBV	2183690	3428384	28.73%	2.742%
12	8.375	915	916	928	rVB4	8841	15615	0.13%	0.012%
13	8.734	969	977	988	rBV	1715983	2750633	23.05%	2.200%
14	8.910	1003	1007	1014	rVB6	10601	18167	0.15%	0.015%
15	9.187	1048	1054	1059	rBV2	40462	57501	0.48%	0.046%
16	9.445	1091	1098	1106	rBV	1291581	2130944	17.86%	1.704%
17	9.510	1106	1109	1112	rVB4	15514	19811	0.17%	0.016%
18	9.981	1180	1189	1201	rBV	2105030	3537793	29.65%	2.830%
19	10.357	1245	1253	1260	rBV	2036525	3394555	28.45%	2.715%
20	10.492	1268	1276	1289	rBV	2148999	3656143	30.64%	2.924%
21	10.734	1310	1317	1320	rBV3	12331	19493	0.16%	0.016%
22	11.328	1411	1418	1421	rBV5	8878	18095	0.15%	0.014%
23	11.951	1520	1524	1533	rBV2	28206	53108	0.45%	0.042%
24	12.839	1670	1675	1678	rBV4	11831	12558	0.11%	0.010%
25	12.957	1690	1695	1700	rVB5	12465	16645	0.14%	0.013%
26	13.139	1721	1726	1729	rVV4	10534	15624	0.13%	0.012%
27	13.463	1775	1781	1787	rBV5	16304	32183	0.27%	0.026%
28	13.645	1806	1812	1816	rBV	4214795	5709102	47.85%	4.566%
29	13.692	1816	1820	1828	rVV	1303321	1723616	14.45%	1.379%
30	13.916	1851	1858	1866	rBV	4657075	6750160	56.57%	5.399%
31	14.151	1894	1898	1902	rBV4	10635	16966	0.14%	0.014%
32	14.228	1904	1911	1922	rVV2	3109305	4775791	40.03%	3.820%
33	14.433	1938	1946	1964	rBV	1612914	2609711	21.87%	2.087%
34	14.663	1980	1985	1988	rBV5	11521	21553	0.18%	0.017%

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35	15.057	2047	2052	2056	rBV2	27482	34523	0.29%	0.028%
36	15.116	2056	2062	2065	rBV4	13856	19692	0.17%	0.016%
37	15.227	2074	2081	2090	rVB	6042993	8231177	68.98%	6.584%
38	15.351	2093	2102	2111	rBV	1450697	1983418	16.62%	1.586%
39	15.469	2117	2122	2128	rBV	71607	103268	0.87%	0.083%
40	15.669	2152	2156	2163	rVB6	9369	14685	0.12%	0.012%
41	15.980	2204	2209	2211	rBV4	14701	19894	0.17%	0.016%
42	16.010	2211	2214	2221	rVB5	24783	42559	0.36%	0.034%
43	16.333	2264	2269	2271	rBV6	7363	12505	0.10%	0.010%
44	16.663	2321	2325	2333	rVB9	15744	27965	0.23%	0.022%
45	16.774	2339	2344	2349	rBV2	27343	41273	0.35%	0.033%
46	16.980	2372	2379	2386	rBV2	4394832	6012896	50.39%	4.809%
47	17.080	2389	2396	2410	rVB	6468032	9154238	76.72%	7.322%
48	17.510	2466	2469	2475	rBV4	15806	22586	0.19%	0.018%
49	17.910	2531	2537	2545	rBV	460965	839029	7.03%	0.671%
50	18.210	2584	2588	2592	rBV4	38005	55628	0.47%	0.044%
51	18.851	2694	2697	2707	rVB	47745	61005	0.51%	0.049%
52	19.021	2722	2726	2729	rBV	81313	110405	0.93%	0.088%
53	19.080	2734	2736	2742	rVB6	35167	50650	0.42%	0.041%
54	19.204	2753	2757	2765	rBV2	234843	372273	3.12%	0.298%
55	19.274	2765	2769	2777	rVB	95345	154350	1.29%	0.123%
56	19.392	2783	2789	2795	rBV	7975227	11098134	93.01%	8.877%
57	19.445	2795	2798	2801	rVV2	42611	50051	0.42%	0.040%
58	19.474	2801	2803	2809	rVB7	21568	25305	0.21%	0.020%
59	19.986	2887	2890	2901	rVB2	35809	53118	0.45%	0.042%
60	20.486	2972	2975	2979	rVB	69815	75620	0.63%	0.060%
61	20.957	3050	3055	3061	rBV	225506	350733	2.94%	0.281%
62	21.157	3086	3089	3092	rBV3	33465	36706	0.31%	0.029%
63	21.210	3092	3098	3109	rVV	5874919	7337387	61.49%	5.869%
64	21.404	3127	3131	3137	rBV	211827	221144	1.85%	0.177%
65	21.633	3167	3170	3175	rBV	195105	228130	1.91%	0.182%
66	21.839	3201	3205	3212	rBV	310388	379683	3.18%	0.304%
67	22.298	3278	3283	3290	rVB	519406	642869	5.39%	0.514%
68	22.421	3301	3304	3309	rVB2	71087	90091	0.76%	0.072%
69	22.798	3363	3368	3373	rVB	677558	913634	7.66%	0.731%
70	23.274	3441	3449	3457	rBV2	6556695	11931873	100.00%	9.544%
71	23.351	3457	3462	3466	rVV	755781	1278558	10.72%	1.023%

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72	23.409	3466	3472	3486	rVB2	4010076	7718327	64.69%	6.174%
73	23.986	3564	3570	3580	rBV	731988	1391083	11.66%	1.113%
74	24.715	3687	3694	3702	rVB	607953	1279618	10.72%	1.024%
75	25.568	3831	3839	3849	rBV	386166	955289	8.01%	0.764%
76	26.562	4003	4008	4020	rVB3	225049	635822	5.33%	0.509%

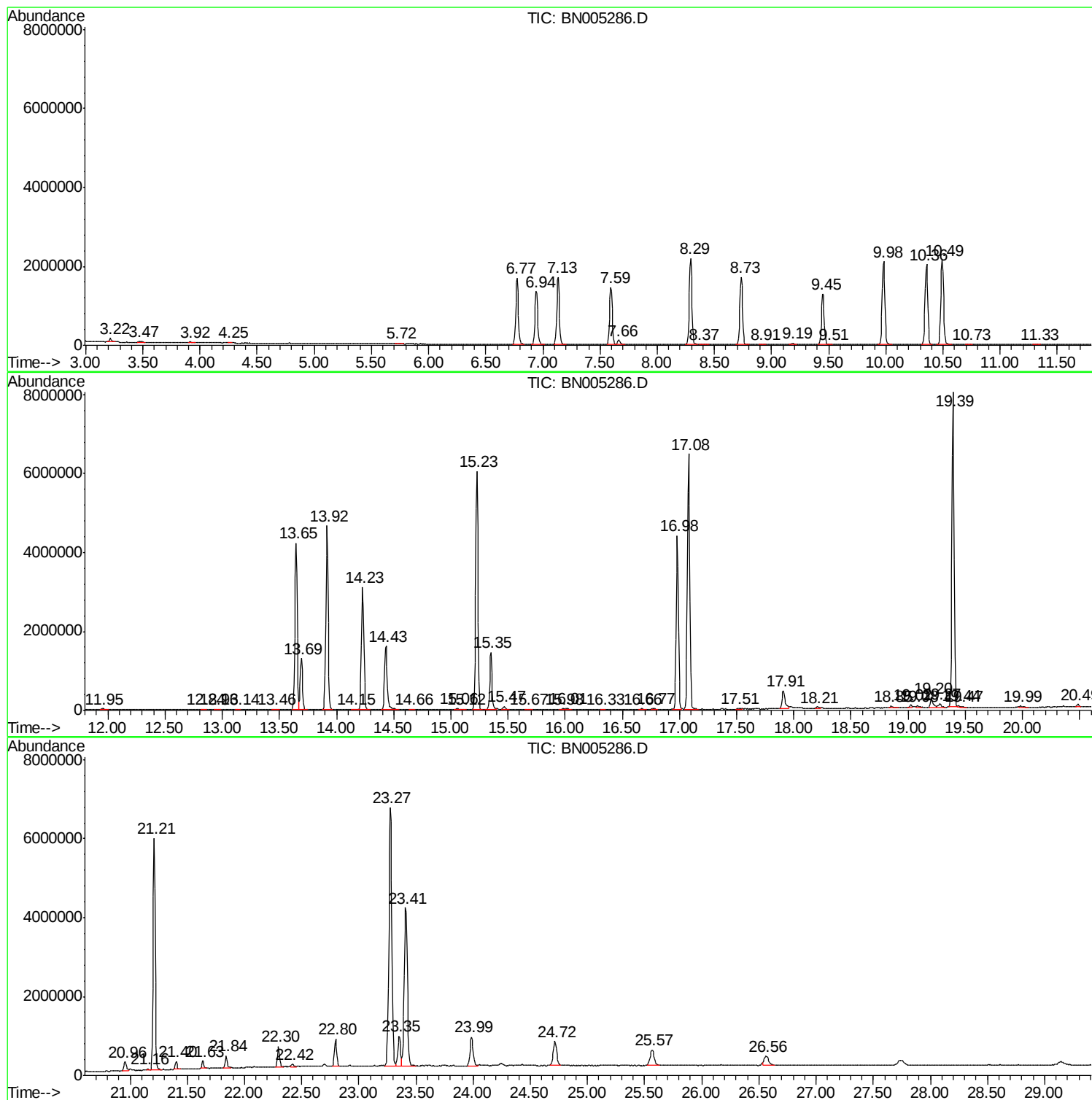
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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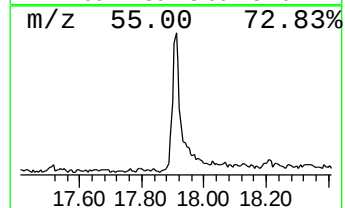
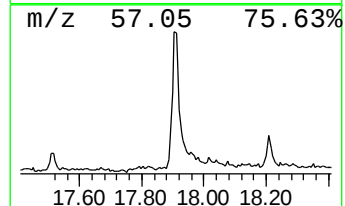
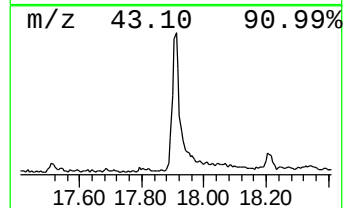
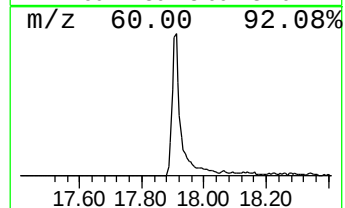
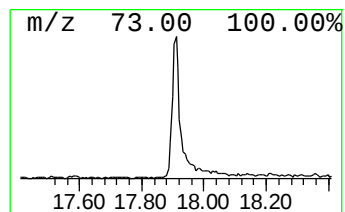
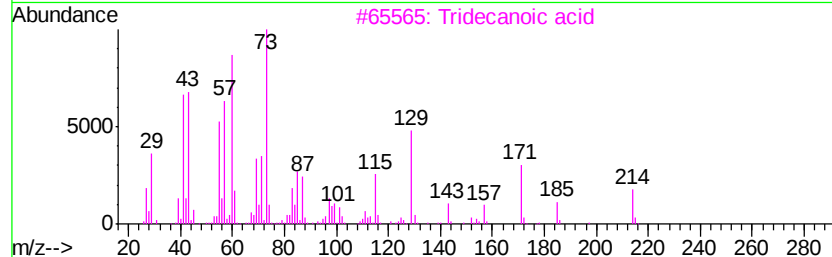
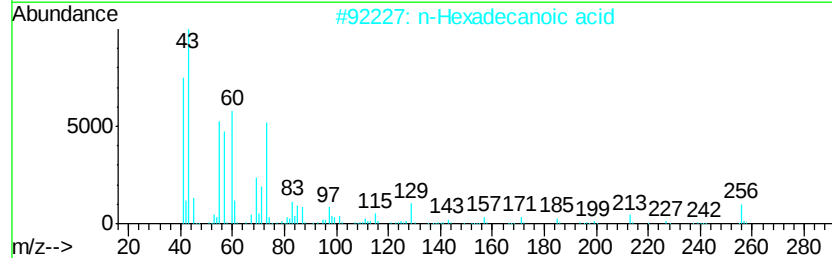
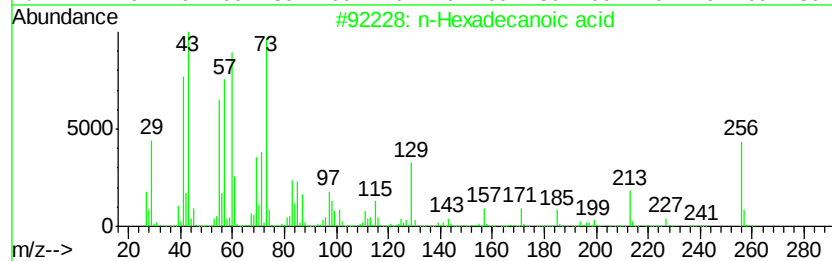
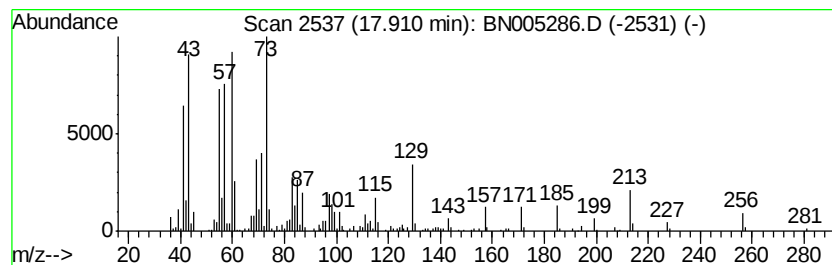
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.91	2.79 ng/ul	839029	Phenanthrene-d10		16.98	
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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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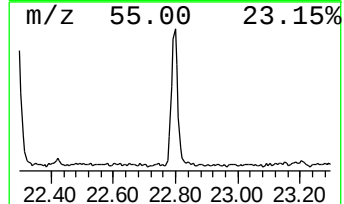
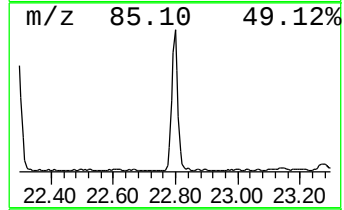
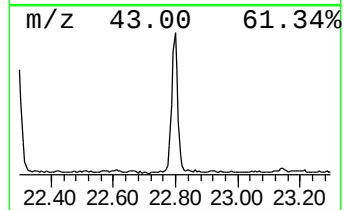
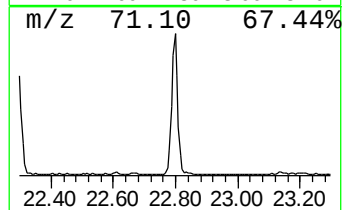
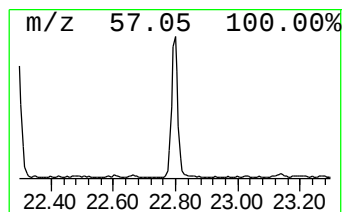
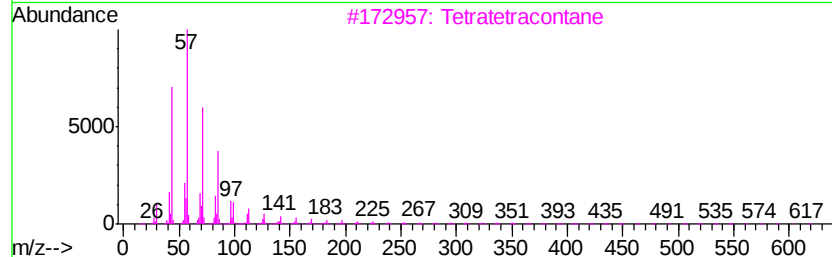
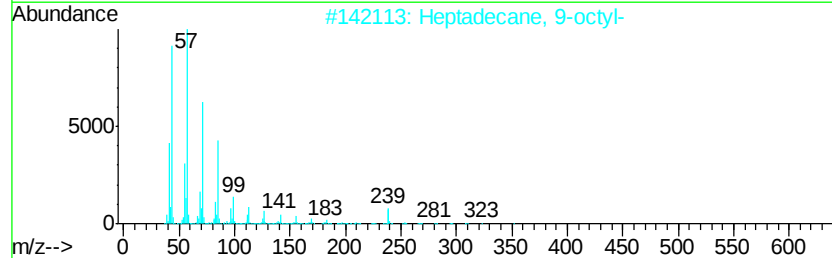
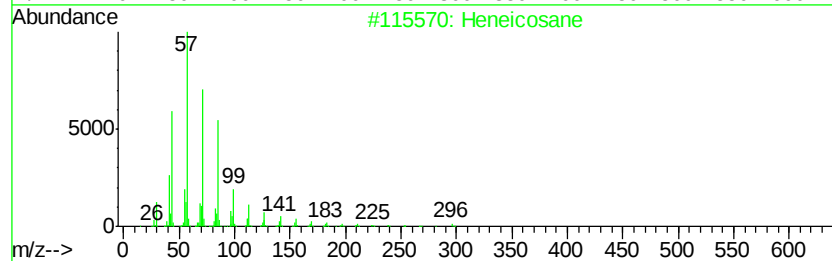
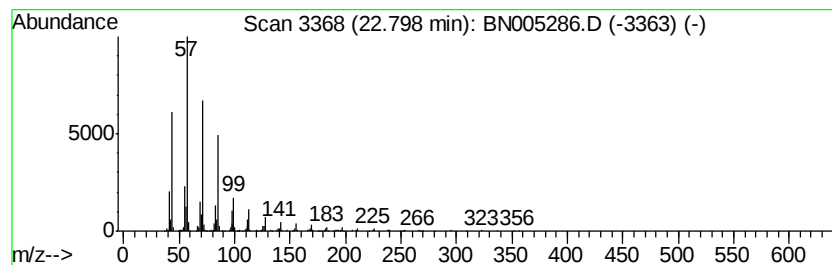
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.37 ng/ul	913634	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heptadecane	240	C17H36	000629-78-7	91



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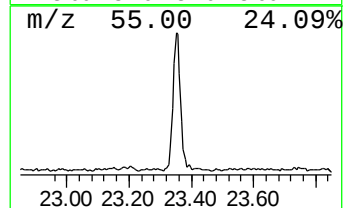
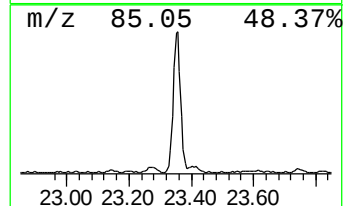
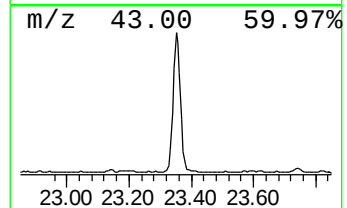
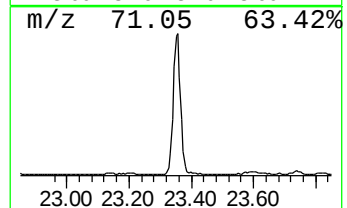
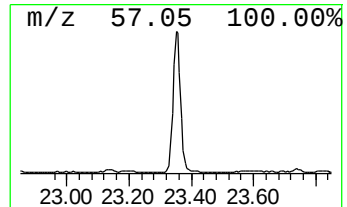
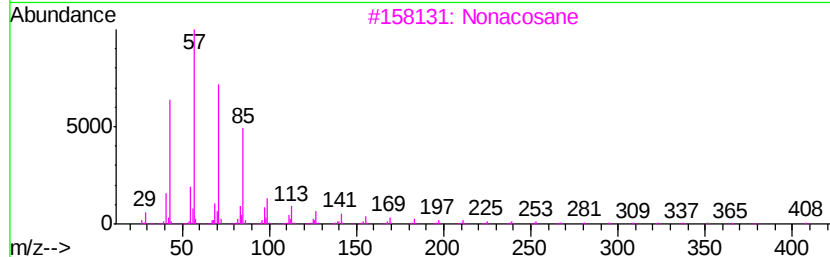
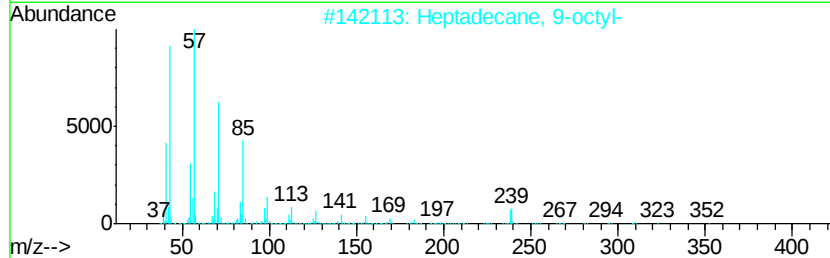
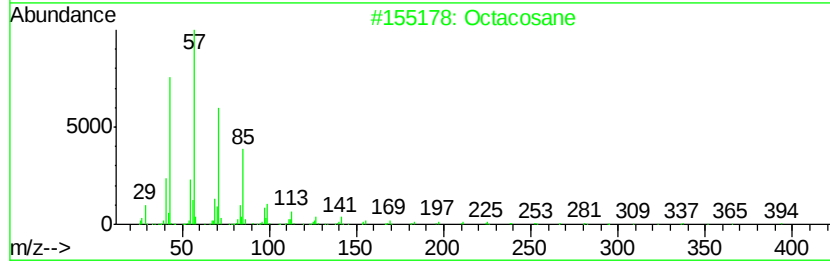
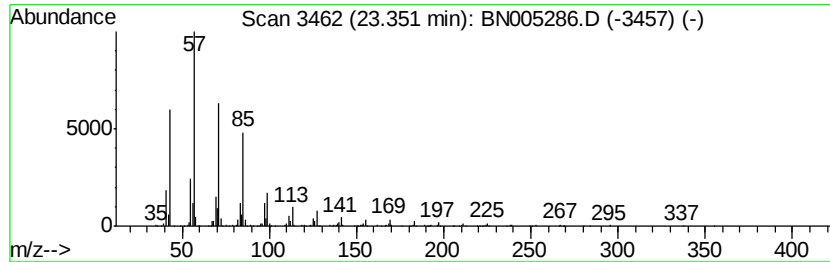
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	3.31 ng/ul	1278560	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Octadecane	254	C18H38	000593-45-3	90



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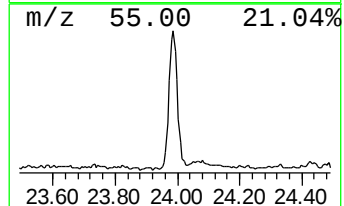
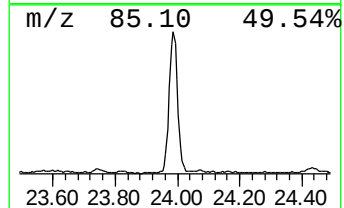
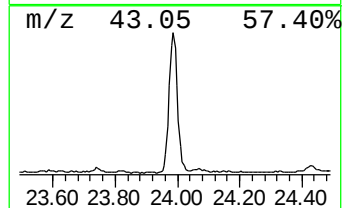
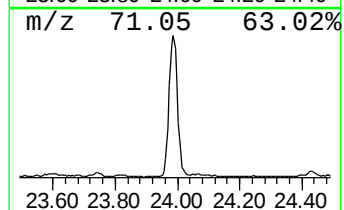
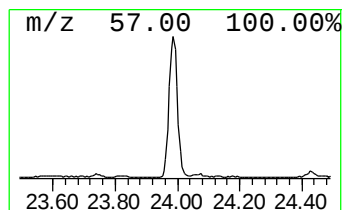
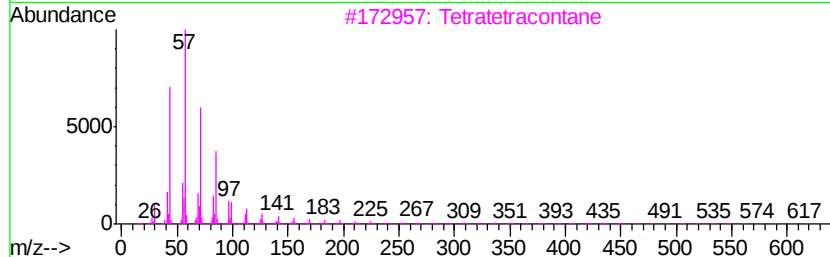
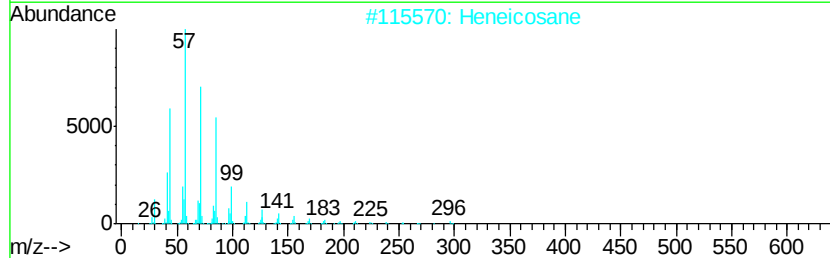
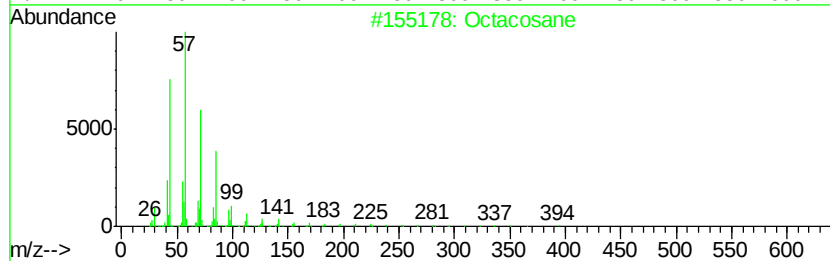
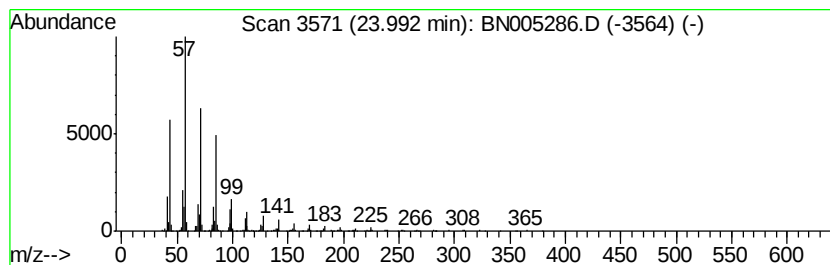
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.60 ng/ul	1391080	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Docosane	310	C22H46	000629-97-0	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005286.D
Acq On : 25 Apr 2019 18:58
Operator : JU/SJ
Sample : K2456-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP9

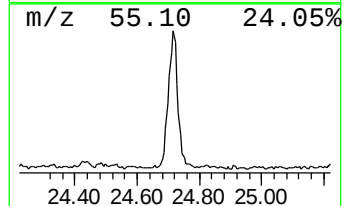
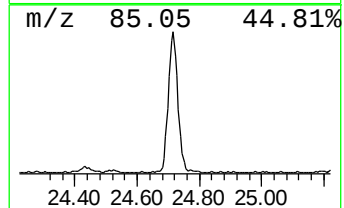
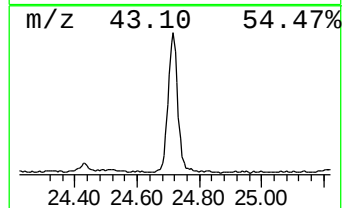
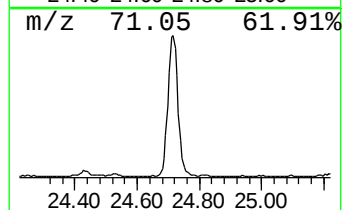
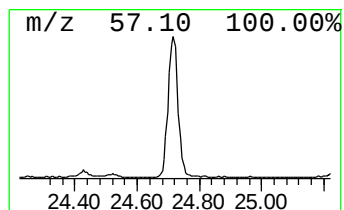
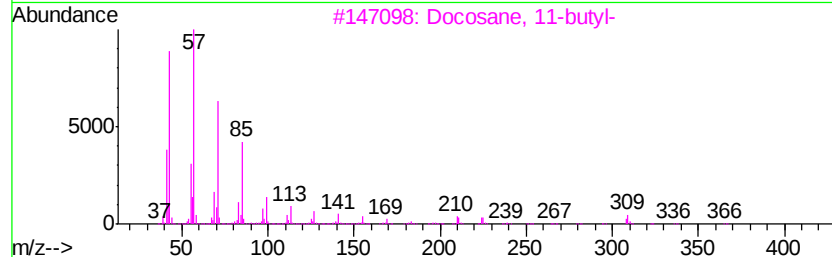
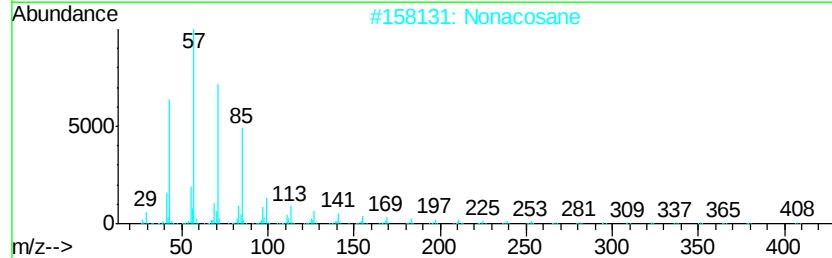
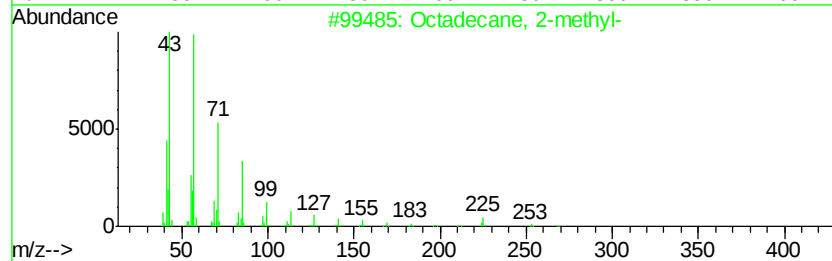
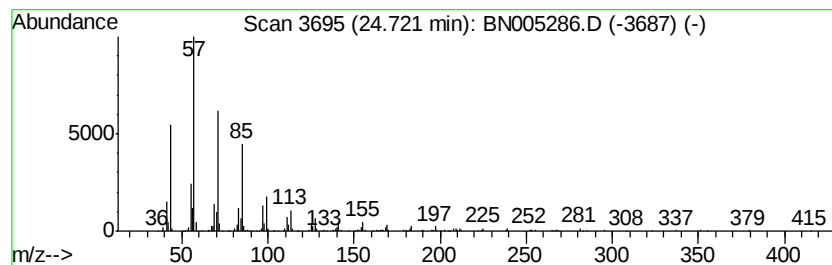
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	3.32 ng/ul	1279620	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Nonacosane	408	C29H60	000630-03-5	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		triacontane	422	C30H62	000638-68-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005286.D
Acq On : 25 Apr 2019 18:58
Operator : JU/SJ
Sample : K2456-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP9

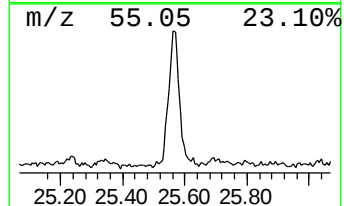
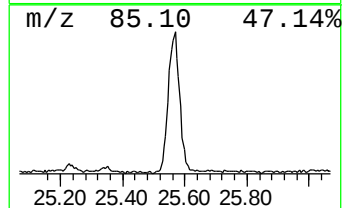
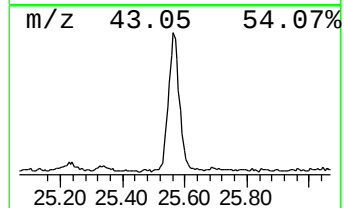
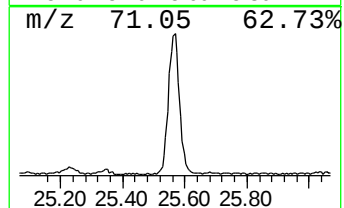
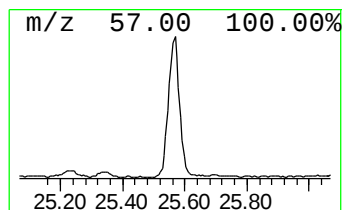
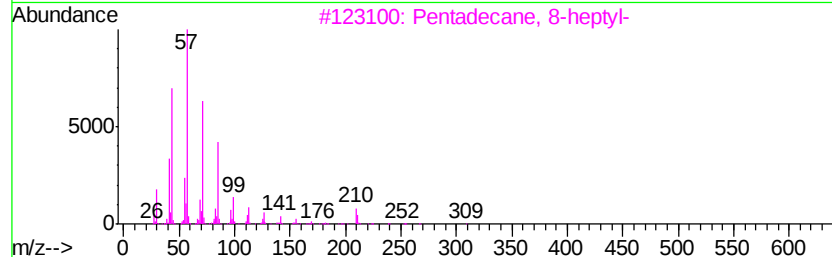
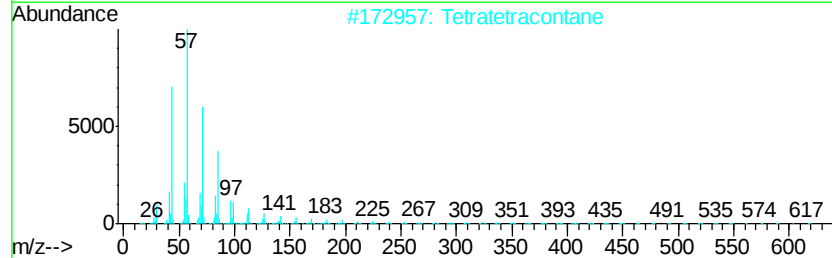
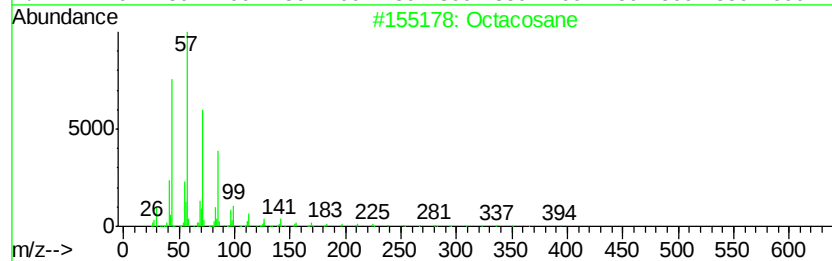
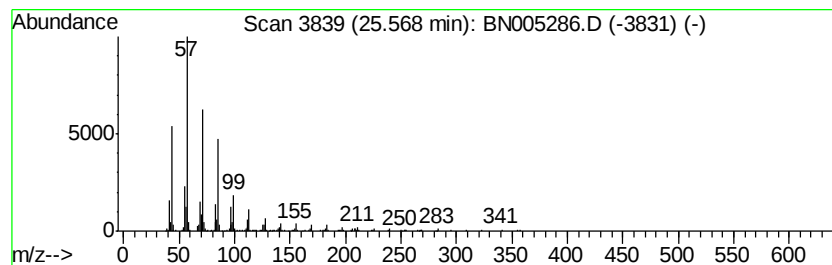
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
25.57	2.48 ng/ul	955289	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Nonacosane	408	C29H60	000630-03-5	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005286.D
Acq On : 25 Apr 2019 18:58
Operator : JU/SJ
Sample : K2456-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP9

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	17.91	2.8	ng/ul	839029	4	16.98	6012900	20.0
(DEL) Alkane: Str...	22.80	2.4	ng/ul	913634	6	23.41	7718330	20.0
(DEL) Alkane: Str...	23.35	3.3	ng/ul	1278560	6	23.41	7718330	20.0
(DEL) Alkane: Str...	23.99	3.6	ng/ul	1391080	6	23.41	7718330	20.0
(DEL) Alkane: Str...	24.72	3.3	ng/ul	1279620	6	23.41	7718330	20.0
(DEL) Alkane: Str...	25.57	2.5	ng/ul	955289	6	23.41	7718330	20.0