

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005424.D
 Acq On : 02 May 2019 20:11
 Operator : JU/SJ
 Sample : K2603-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ73

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	3.217	35	39	46	rVB2	60180	94506	1.19%	0.107%
2	3.469	79	82	87	rBV2	19701	29844	0.38%	0.034%
3	4.769	301	303	306	rBV4	7337	7949	0.10%	0.009%
4	5.928	498	500	506	rVB6	5910	9498	0.12%	0.011%
5	6.775	638	644	658	rBV	1137519	1886526	23.75%	2.135%
6	6.940	666	672	684	rBV	914285	1395179	17.57%	1.579%
7	7.128	698	704	715	rBV	1150960	1850013	23.29%	2.094%
8	7.593	776	783	791	rBV	976766	1559461	19.63%	1.765%
9	7.663	791	795	802	rVB	15812	25629	0.32%	0.029%
10	8.293	894	902	915	rBV	1464463	2419147	30.46%	2.738%
11	8.734	969	977	988	rBV	1155662	1913201	24.09%	2.165%
12	8.910	1002	1007	1009	rBV4	5386	8240	0.10%	0.009%
13	9.175	1047	1052	1059	rVB	48754	69334	0.87%	0.078%
14	9.446	1091	1098	1114	rBV	968803	1665525	20.97%	1.885%
15	9.981	1181	1189	1203	rBV	1399092	2554893	32.17%	2.892%
16	10.351	1245	1252	1259	rBV	1399971	2383803	30.01%	2.698%
17	10.399	1259	1260	1267	rVB3	10704	12562	0.16%	0.014%
18	10.493	1267	1276	1306	rBV	1406053	2606501	32.82%	2.950%
19	11.781	1490	1495	1500	rBV3	6869	11466	0.14%	0.013%
20	11.957	1517	1525	1533	rBV	19434	39565	0.50%	0.045%
21	12.034	1533	1538	1546	rVB4	8023	18124	0.23%	0.021%
22	12.251	1567	1575	1584	rBV4	7265	16450	0.21%	0.019%
23	13.057	1709	1712	1719	rBV6	10169	17462	0.22%	0.020%
24	13.134	1719	1725	1728	rVV3	6358	9219	0.12%	0.010%
25	13.193	1731	1735	1739	rBV4	6105	9408	0.12%	0.011%
26	13.545	1790	1795	1800	rVB3	7847	12575	0.16%	0.014%
27	13.645	1800	1812	1816	rBV	2859924	4194375	52.81%	4.747%
28	13.687	1816	1819	1831	rVV	898407	1315975	16.57%	1.489%
29	13.916	1848	1858	1870	rBV	3382334	5005820	63.03%	5.666%
30	14.151	1893	1898	1901	rVB3	13627	20192	0.25%	0.023%
31	14.228	1903	1911	1929	rVV2	2182607	3476921	43.78%	3.935%
32	14.440	1940	1947	1964	rBV	942825	1921255	24.19%	2.175%
33	14.592	1970	1973	1978	rVB6	7801	12071	0.15%	0.014%
34	14.845	2011	2016	2019	rBV6	8967	14806	0.19%	0.017%

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35	15.045	2046	2050	2056	rVB4	6724	11055	0.14%	0.013%
36	15.104	2056	2060	2065	rBV3	20453	27412	0.35%	0.031%
37	15.228	2074	2081	2088	rBV	4219257	6090848	76.69%	6.894%
38	15.357	2097	2103	2116	rBV	1252701	1886187	23.75%	2.135%
39	15.469	2117	2122	2129	rVB	55592	86317	1.09%	0.098%
40	15.916	2193	2198	2202	rVV7	10036	19869	0.25%	0.022%
41	15.969	2204	2207	2211	rVV4	11768	20328	0.26%	0.023%
42	16.010	2211	2214	2220	rVB7	22240	33772	0.43%	0.038%
43	16.139	2231	2236	2240	rBV6	14122	21058	0.27%	0.024%
44	16.192	2240	2245	2248	rVV7	8489	12320	0.16%	0.014%
45	16.657	2321	2324	2328	rBV5	10801	15471	0.19%	0.018%
46	16.722	2332	2335	2338	rBV5	7595	11722	0.15%	0.013%
47	16.763	2339	2342	2345	rBV3	21501	30326	0.38%	0.034%
48	16.981	2373	2379	2384	rBV2	3009687	4334566	54.58%	4.906%
49	17.022	2384	2386	2389	rVV	98610	112928	1.42%	0.128%
50	17.081	2389	2396	2411	rVB	4497377	6722272	84.64%	7.609%
51	17.498	2465	2467	2472	rBV5	8241	14555	0.18%	0.016%
52	17.904	2531	2536	2549	rBV	897676	1459762	18.38%	1.652%
53	18.375	2614	2616	2621	rBV5	13610	15997	0.20%	0.018%
54	18.416	2621	2623	2625	rBV3	10884	10723	0.14%	0.012%
55	18.710	2670	2673	2676	rBV5	14921	17143	0.22%	0.019%
56	18.751	2678	2680	2684	rBV2	20825	24479	0.31%	0.028%
57	19.022	2722	2726	2729	rBV	55964	81631	1.03%	0.092%
58	19.051	2729	2731	2739	rVB2	55046	86057	1.08%	0.097%
59	19.198	2752	2756	2764	rBV3	272458	460194	5.79%	0.521%
60	19.275	2766	2769	2773	rVB	60972	88316	1.11%	0.100%
61	19.392	2783	2789	2800	rVB	5563585	7942311	100.00%	8.990%
62	20.298	2942	2943	2947	rBV4	15779	13826	0.17%	0.016%
63	20.351	2950	2952	2957	rVB5	33647	39085	0.49%	0.044%
64	20.939	3048	3052	3068	rBV	1051085	1733755	21.83%	1.962%
65	21.210	3092	3098	3110	rBV	3525150	4808066	60.54%	5.442%
66	21.392	3125	3129	3136	rVB	153126	194082	2.44%	0.220%
67	21.821	3199	3202	3216	rVB	255989	421296	5.30%	0.477%
68	22.280	3276	3280	3287	rVB	413388	535283	6.74%	0.606%
69	22.780	3360	3365	3372	rVB	492362	705088	8.88%	0.798%
70	23.274	3441	3449	3455	rBV	3737733	6742406	84.89%	7.631%
71	23.333	3455	3459	3464	rVV	533975	873254	10.99%	0.988%

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72	23.410	3465	3472	3491	rVB	2264087	4269831	53.76%	4.833%
73	23.957	3560	3565	3574	rBV	422329	787103	9.91%	0.891%
74	24.686	3683	3689	3695	rBV2	302552	581678	7.32%	0.658%
75	25.533	3827	3833	3841	rVB2	168321	420412	5.29%	0.476%

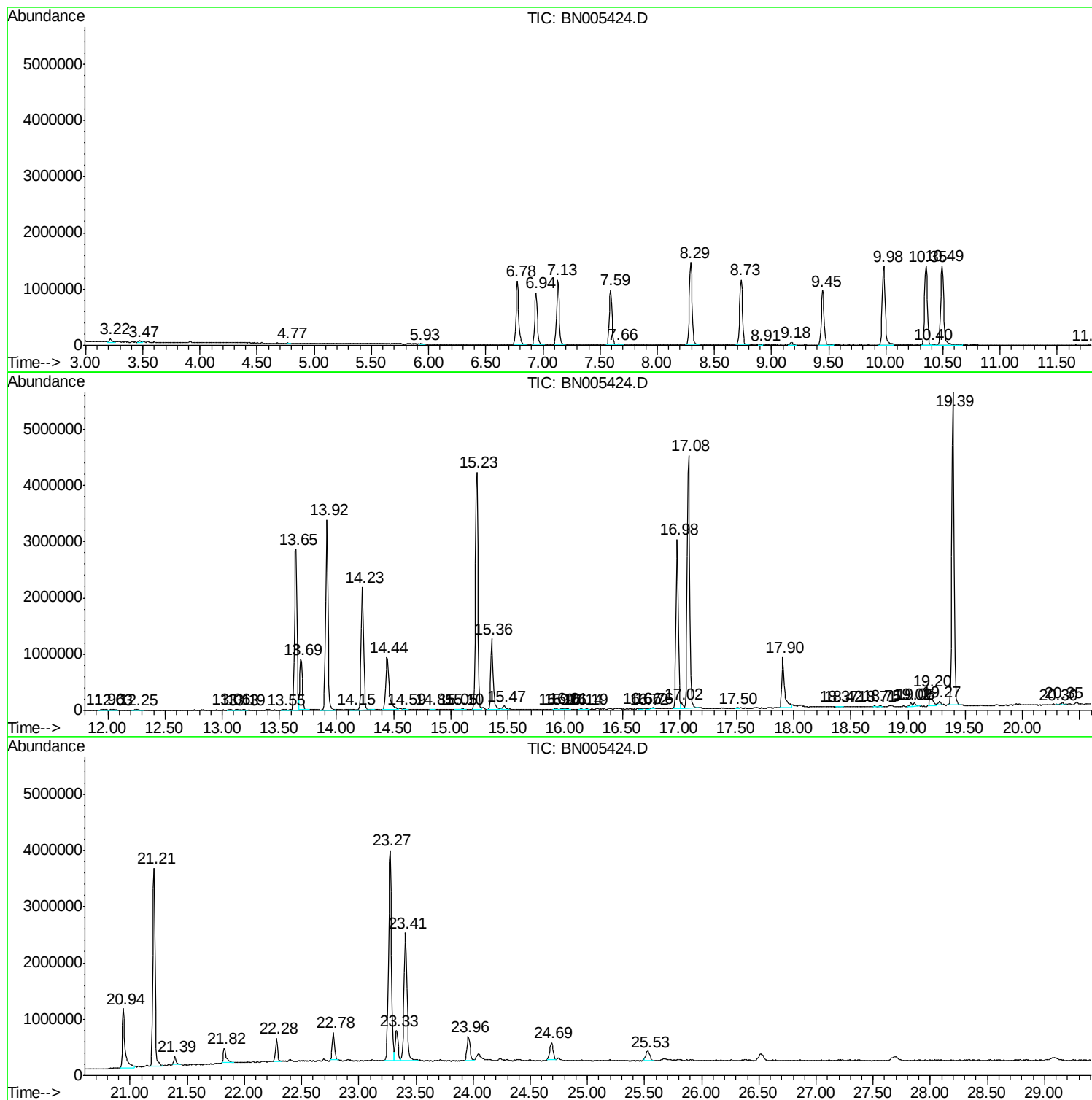
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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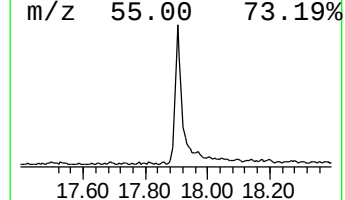
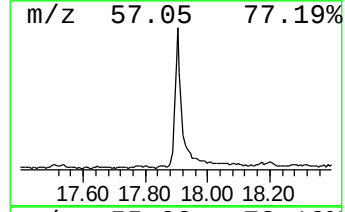
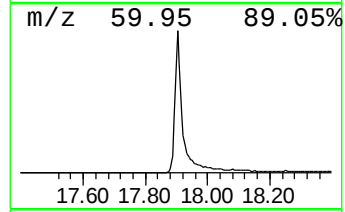
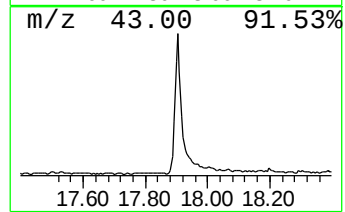
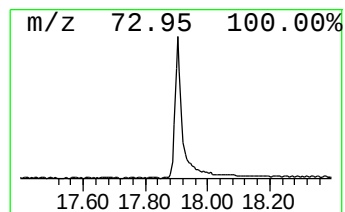
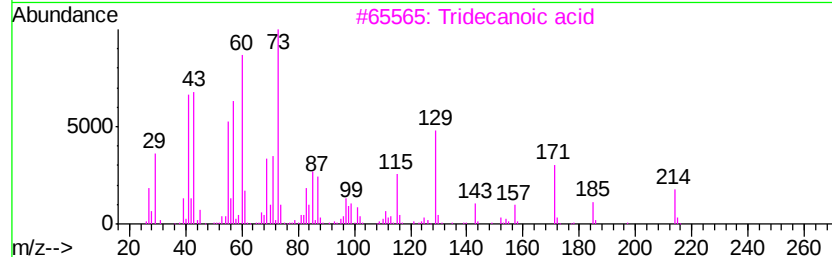
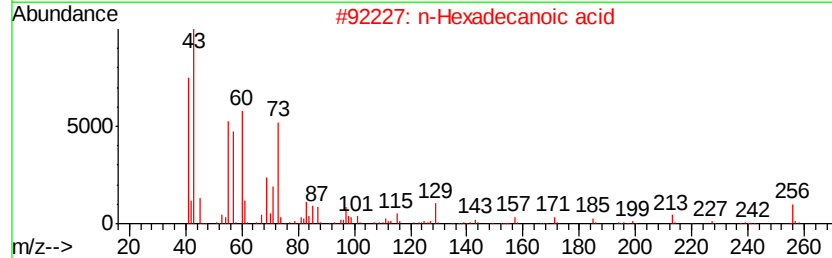
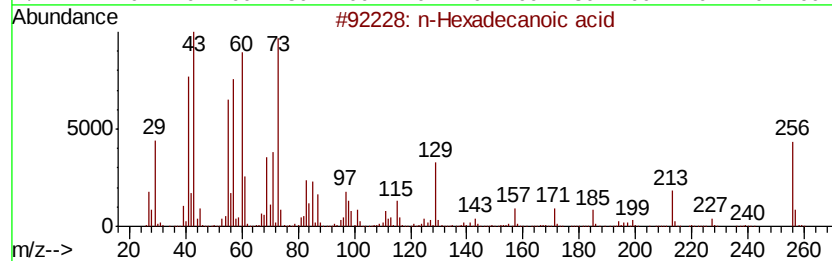
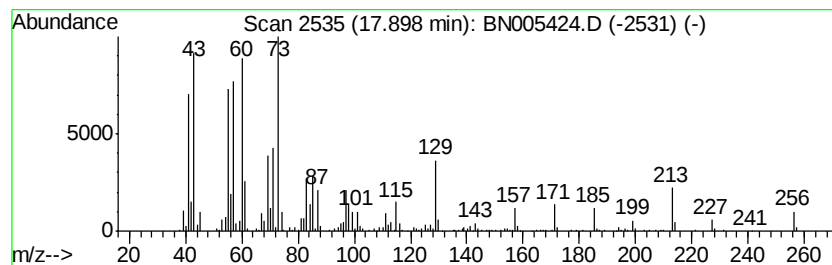
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	6.74 ng/ul	1459760	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	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	95
4	Tridecanoic acid		214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	91



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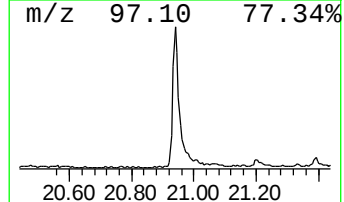
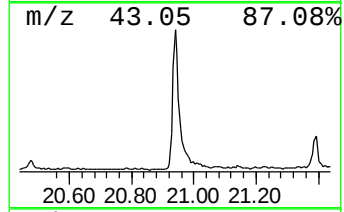
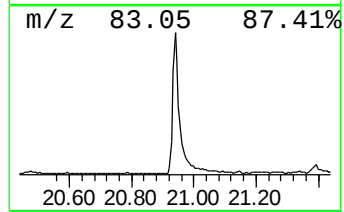
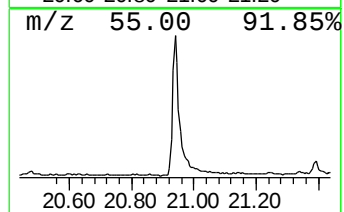
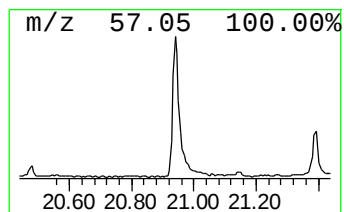
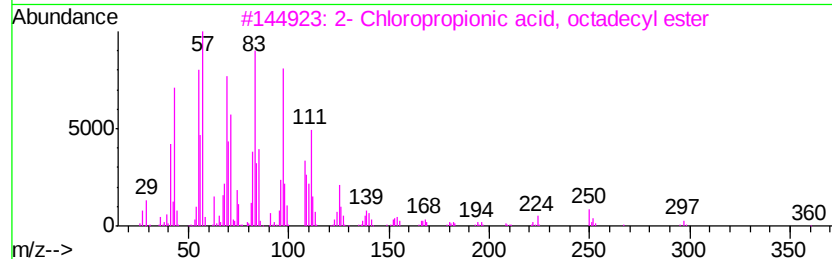
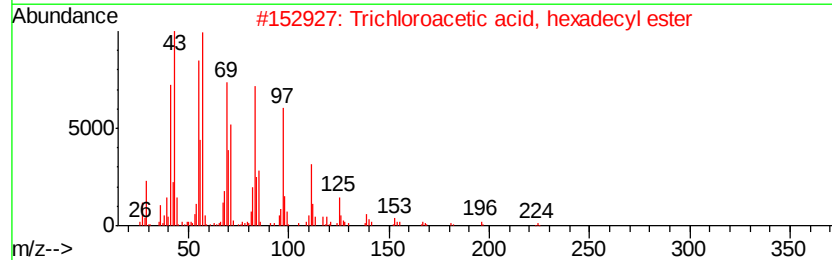
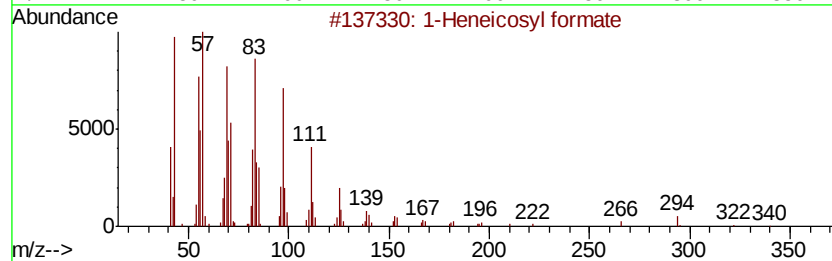
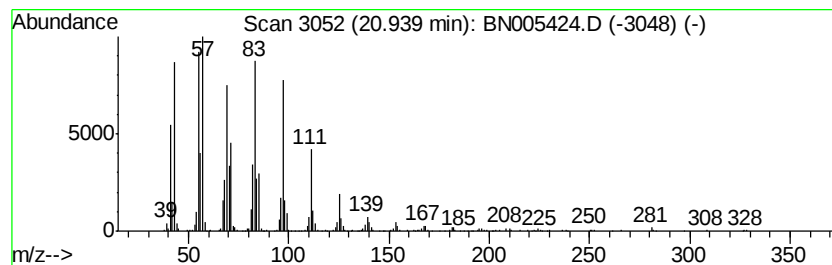
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.21 ng/ul	1733760	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



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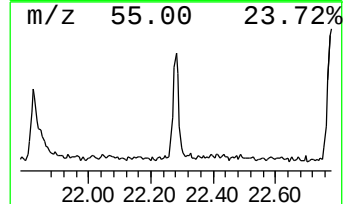
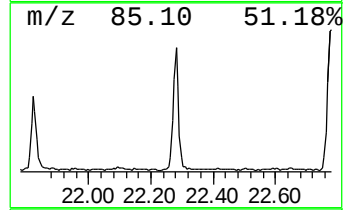
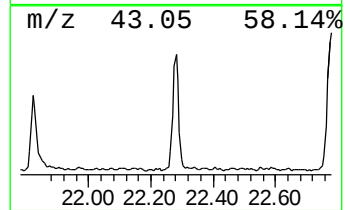
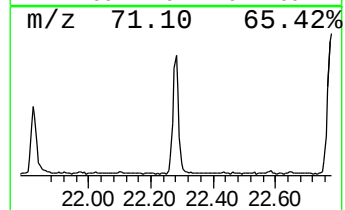
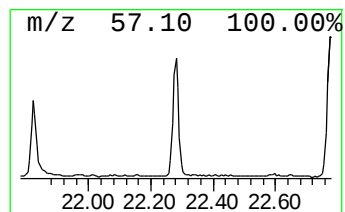
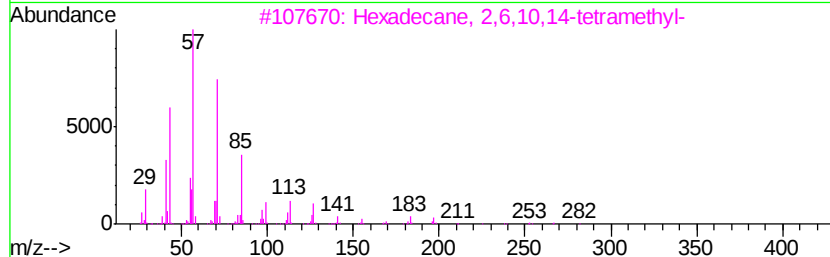
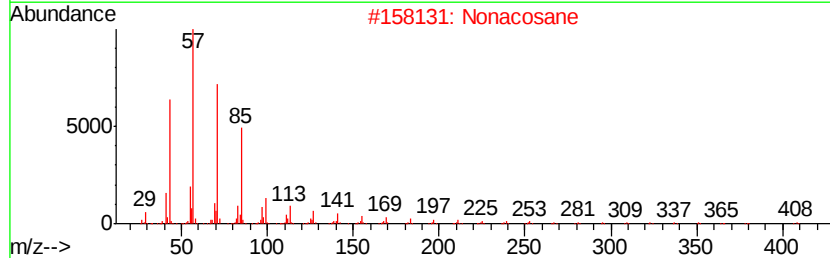
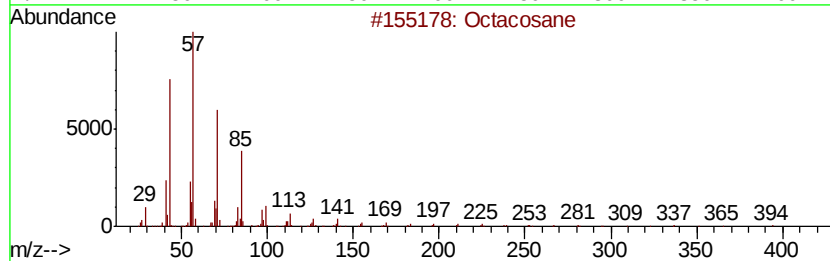
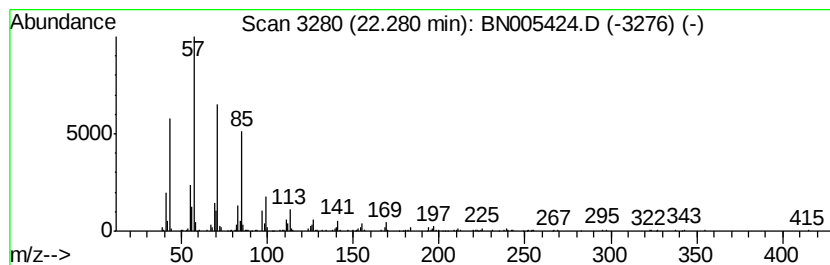
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	2.23 ng/ul	535283	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



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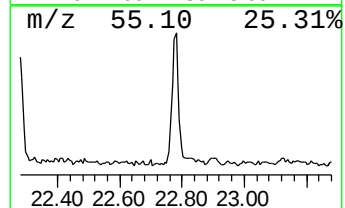
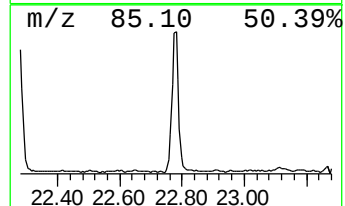
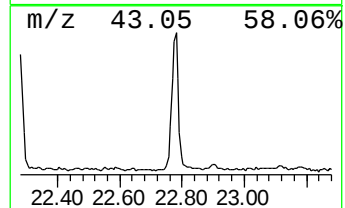
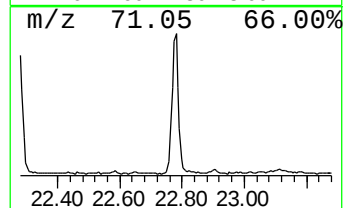
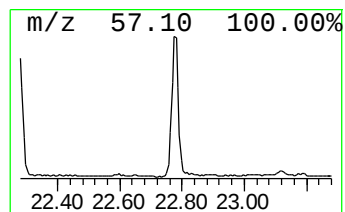
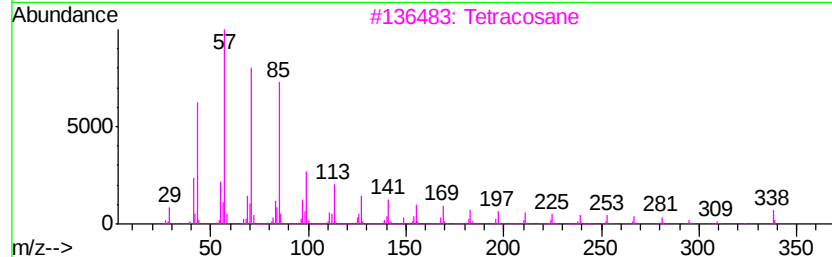
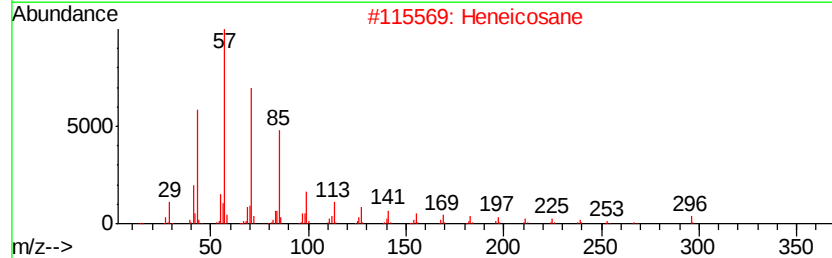
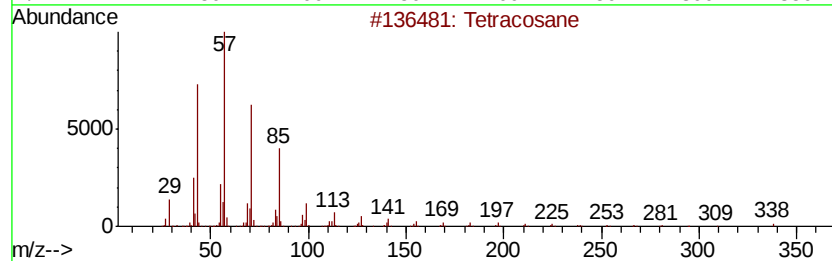
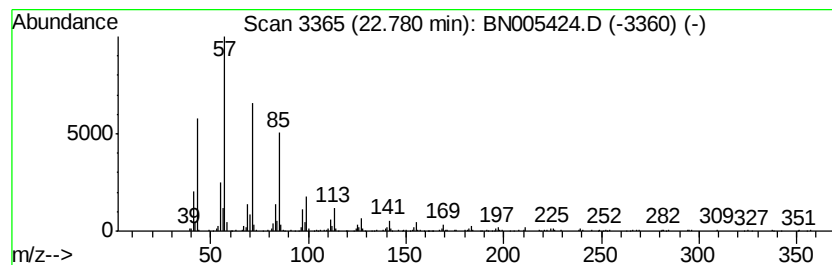
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	3.30 ng/ul	705088	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heneicosane	296	C21H44	000629-94-7	94
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005424.D
Acq On : 02 May 2019 20:11
Operator : JU/SJ
Sample : K2603-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ73

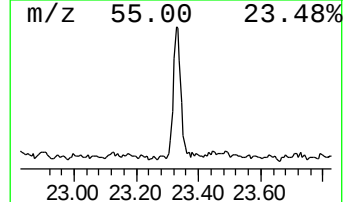
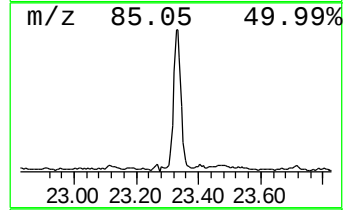
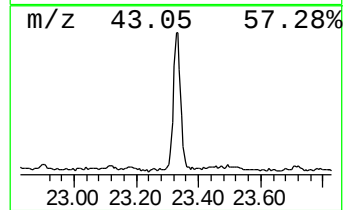
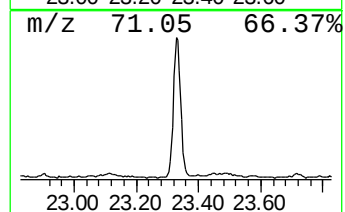
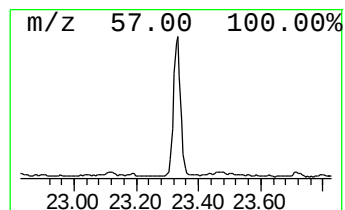
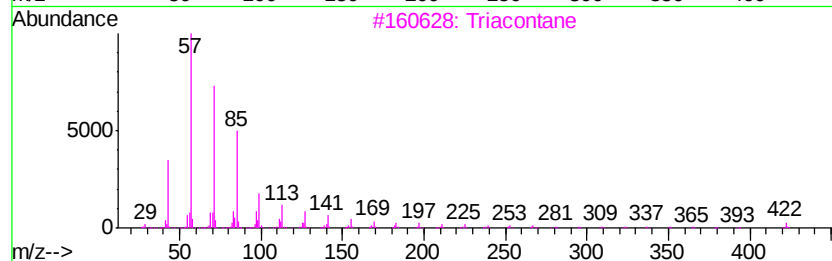
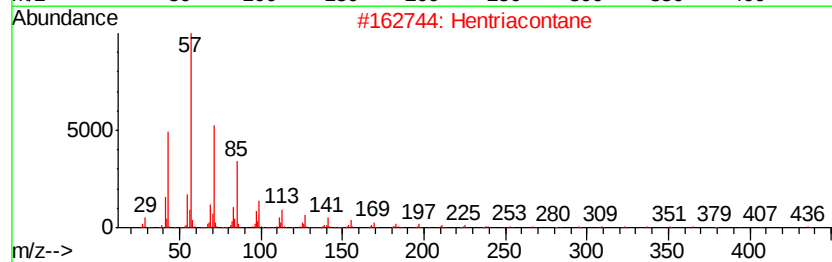
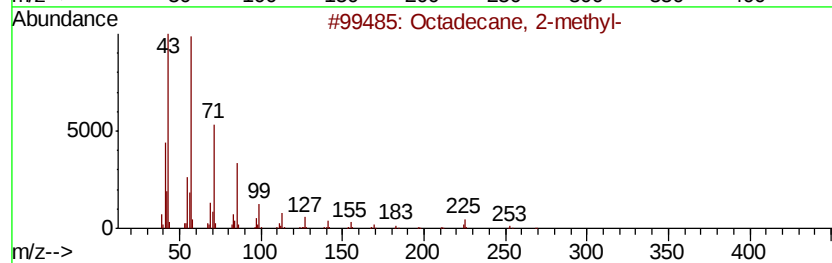
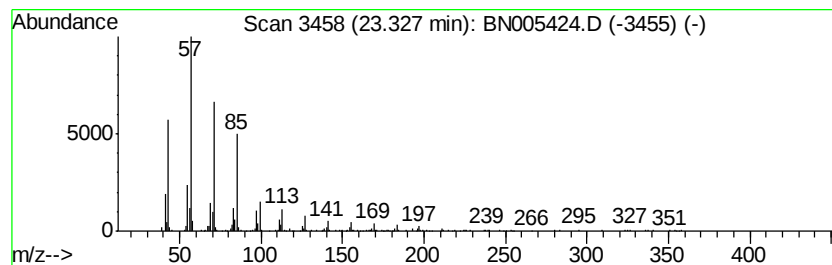
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Quant Title : SVOA CALIBRATION

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.
23.33	4.09 ng/ul	873254	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005424.D
Acq On : 02 May 2019 20:11
Operator : JU/SJ
Sample : K2603-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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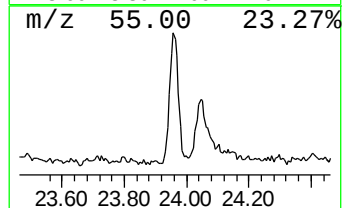
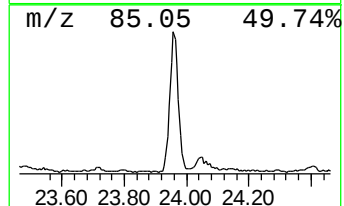
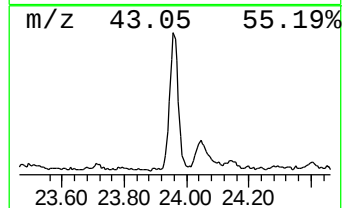
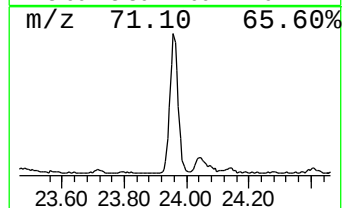
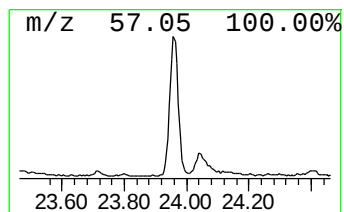
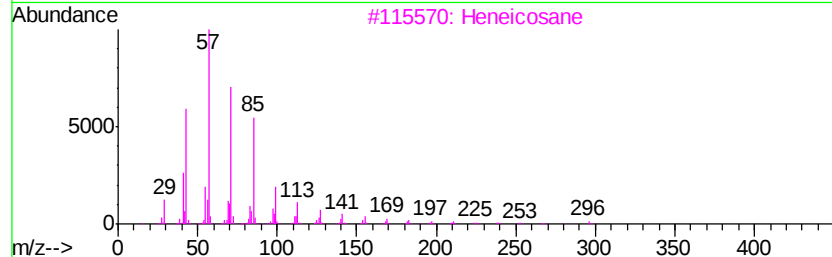
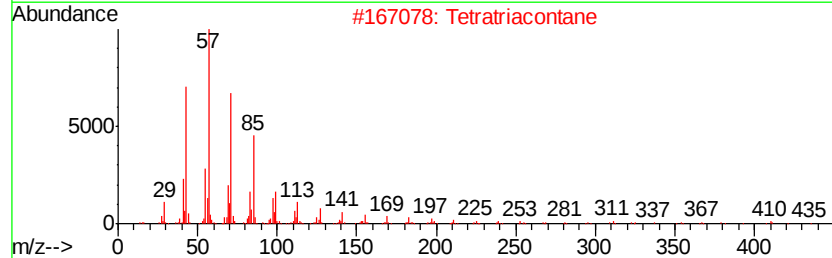
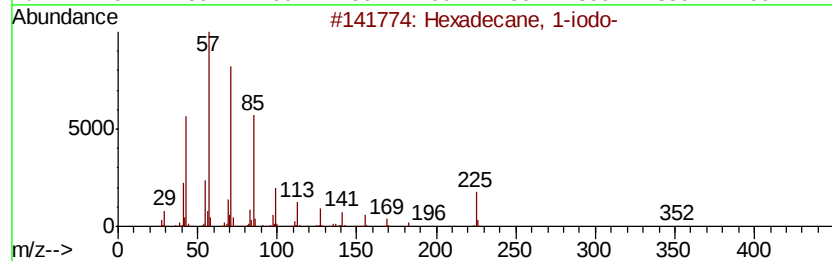
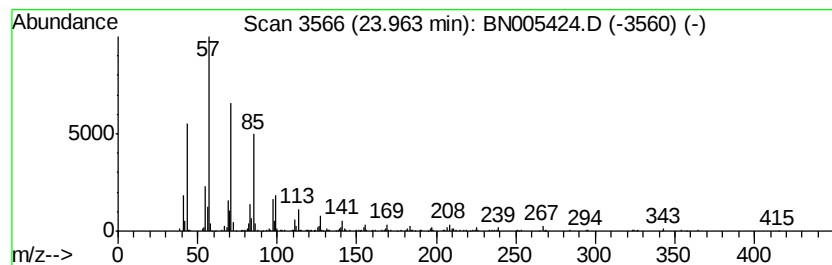
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.69 ng/ul	787103	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005424.D
Acq On : 02 May 2019 20:11
Operator : JU/SJ
Sample : K2603-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ73

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	6.7	ng/ul	1459760	4	16.98	4334570	20.0
1-Heneicosyl formate	20.94	7.2	ng/ul	1733760	5	21.21	4808070	20.0
(DEL) Alkane: Str...	22.28	2.2	ng/ul	535283	5	21.21	4808070	20.0
(DEL) Alkane: Str...	22.78	3.3	ng/ul	705088	6	23.41	4269830	20.0
(DEL) Alkane: Str...	23.33	4.1	ng/ul	873254	6	23.41	4269830	20.0
Hexadecane, 1-iodo-	23.96	3.7	ng/ul	787103	6	23.41	4269830	20.0