

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005218.D
 Acq On : 23 Apr 2019 17:14
 Operator : JU/SJ
 Sample : K2403-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5103

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	47	rVB	206640	244672	2.39%	0.168%
2	3.469	80	82	87	rBV2	23818	31977	0.31%	0.022%
3	3.916	154	158	164	rVB	27514	35956	0.35%	0.025%
4	4.787	301	306	311	rBV2	20674	31322	0.31%	0.021%
5	4.863	316	319	324	rVB5	8539	12806	0.13%	0.009%
6	5.728	462	466	470	rBV2	12233	21541	0.21%	0.015%
7	6.281	557	560	564	rVB4	11523	17250	0.17%	0.012%
8	6.775	637	644	657	rVB	2174966	3393456	33.19%	2.327%
9	6.946	666	673	685	rVB	1687581	2534275	24.78%	1.738%
10	7.134	698	705	717	rBV	2150917	3316525	32.43%	2.275%
11	7.599	777	784	791	rBV	3236389	5054095	49.43%	3.466%
12	7.669	791	796	802	rVB2	27677	45536	0.45%	0.031%
13	7.963	841	846	850	rBV3	7399	10998	0.11%	0.008%
14	8.293	895	902	914	rBV	2676345	4184193	40.92%	2.870%
15	8.740	970	978	987	rBV	2050781	3299701	32.27%	2.263%
16	8.910	1004	1007	1014	rVB3	18278	26106	0.26%	0.018%
17	9.193	1050	1055	1061	rVB	51125	74959	0.73%	0.051%
18	9.451	1090	1099	1107	rBV	1691396	2716582	26.57%	1.863%
19	9.981	1181	1189	1200	rBV	2649473	4318062	42.23%	2.961%
20	10.357	1243	1253	1263	rBV	4394192	7521265	73.55%	5.158%
21	10.493	1267	1276	1289	rBV	2481017	4256787	41.63%	2.919%
22	11.334	1406	1419	1424	rBV10	7758	33793	0.33%	0.023%
23	11.793	1491	1497	1504	rBV6	9046	18754	0.18%	0.013%
24	11.957	1519	1525	1529	rBV2	41244	69344	0.68%	0.048%
25	13.075	1709	1715	1720	rVB4	15428	23036	0.23%	0.016%
26	13.145	1723	1727	1729	rBV3	11120	12930	0.13%	0.009%
27	13.651	1806	1813	1817	rVV	4342372	6040252	59.07%	4.143%
28	13.698	1817	1821	1827	rVB	1375663	1870716	18.29%	1.283%
29	13.857	1843	1848	1851	rBV6	5471	10317	0.10%	0.007%
30	13.922	1851	1859	1870	rVV	4980222	7241713	70.82%	4.966%
31	14.163	1897	1900	1904	rVB3	16715	21371	0.21%	0.015%
32	14.234	1904	1912	1924	rBV2	6030776	9463873	92.55%	6.490%
33	14.428	1937	1945	1965	rBV	1658072	2573220	25.16%	1.765%
34	14.598	1971	1974	1981	rVB7	9779	16274	0.16%	0.011%

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 Title : SVOA CALIBRATION

35	14.669	1982	1986	1991	rVB7	10021	16608	0.16%	0.011%
36	14.851	2011	2017	2020	rBV6	10344	17007	0.17%	0.012%
37	14.898	2022	2025	2028	rVB3	10512	14414	0.14%	0.010%
38	15.069	2049	2054	2056	rBV5	8847	14842	0.15%	0.010%
39	15.122	2059	2063	2066	rVB3	22592	27334	0.27%	0.019%
40	15.228	2074	2081	2088	rBV	5694029	8387213	82.02%	5.752%
41	15.345	2096	2101	2111	rBV	807393	1189703	11.63%	0.816%
42	15.469	2117	2122	2127	rBV	79110	119570	1.17%	0.082%
43	15.622	2142	2148	2151	rVB6	9087	16688	0.16%	0.011%
44	15.675	2151	2157	2161	rBV7	8909	16573	0.16%	0.011%
45	15.986	2207	2210	2212	rBV3	12822	11629	0.11%	0.008%
46	16.022	2212	2216	2222	rVB5	30621	44489	0.44%	0.031%
47	16.192	2241	2245	2248	rVB4	12706	16804	0.16%	0.012%
48	16.416	2277	2283	2286	rBV6	39292	62044	0.61%	0.043%
49	16.498	2296	2297	2303	rVB5	8283	12660	0.12%	0.009%
50	16.663	2322	2325	2331	rVB5	18833	26644	0.26%	0.018%
51	16.745	2334	2339	2340	rBV5	9890	13658	0.13%	0.009%
52	16.769	2340	2343	2348	rBV2	36561	49833	0.49%	0.034%
53	16.986	2373	2380	2388	rBV	7285696	10225477	100.00%	7.013%
54	17.086	2389	2397	2404	rVV	5678654	8366729	81.82%	5.738%
55	17.186	2411	2414	2416	rBV4	26358	32794	0.32%	0.022%
56	17.239	2420	2423	2424	rBV2	11041	13539	0.13%	0.009%
57	17.304	2432	2434	2440	rVB7	17574	28488	0.28%	0.020%
58	17.398	2448	2450	2454	rVB5	16180	21234	0.21%	0.015%
59	17.780	2511	2515	2522	rBV4	69271	157805	1.54%	0.108%
60	17.916	2533	2538	2552	rBV	1233055	2030359	19.86%	1.392%
61	18.216	2586	2589	2594	rBV7	30673	47802	0.47%	0.033%
62	18.686	2667	2669	2672	rBV3	26504	33991	0.33%	0.023%
63	18.863	2695	2699	2703	rBV4	42555	61518	0.60%	0.042%
64	19.022	2723	2726	2730	rBV	69138	102712	1.00%	0.070%
65	19.086	2734	2737	2747	rVV	233061	518657	5.07%	0.356%
66	19.216	2754	2759	2767	rBV	779331	1299216	12.71%	0.891%
67	19.398	2784	2790	2796	rVB	6292202	8590377	84.01%	5.891%
68	19.451	2796	2799	2802	rBV2	58031	70322	0.69%	0.048%
69	19.992	2888	2891	2894	rBV	92564	101761	1.00%	0.070%
70	20.363	2950	2954	2963	rVB	729418	890817	8.71%	0.611%
71	20.498	2974	2977	2981	rVB	126943	137649	1.35%	0.094%

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72	20.963	3051	3056	3060	rBV2	455157	724514	7.09%	0.497%
73	21.163	3087	3090	3094	rVB	251006	254753	2.49%	0.175%
74	21.216	3094	3099	3109	rVB	7423184	9305929	91.01%	6.382%
75	21.357	3120	3123	3127	rVB2	146989	169797	1.66%	0.116%
76	21.416	3129	3133	3139	rVB	268642	315235	3.08%	0.216%
77	21.851	3203	3207	3211	rBV	356380	448485	4.39%	0.308%
78	22.310	3281	3285	3291	rVB	427812	597493	5.84%	0.410%
79	22.433	3302	3306	3313	rVB	889573	1156638	11.31%	0.793%
80	22.815	3366	3371	3376	rBV	549637	749285	7.33%	0.514%
81	23.286	3443	3451	3461	rBV	4584652	8018950	78.42%	5.500%
82	23.374	3461	3466	3469	rVV	538561	941498	9.21%	0.646%
83	23.427	3469	3475	3484	rVB	4970988	9320767	91.15%	6.392%
84	24.010	3569	3574	3583	rVB	511012	943734	9.23%	0.647%
85	24.745	3693	3699	3706	rVB	438040	906916	8.87%	0.622%
86	25.592	3839	3843	3852	rVB2	257456	624710	6.11%	0.428%

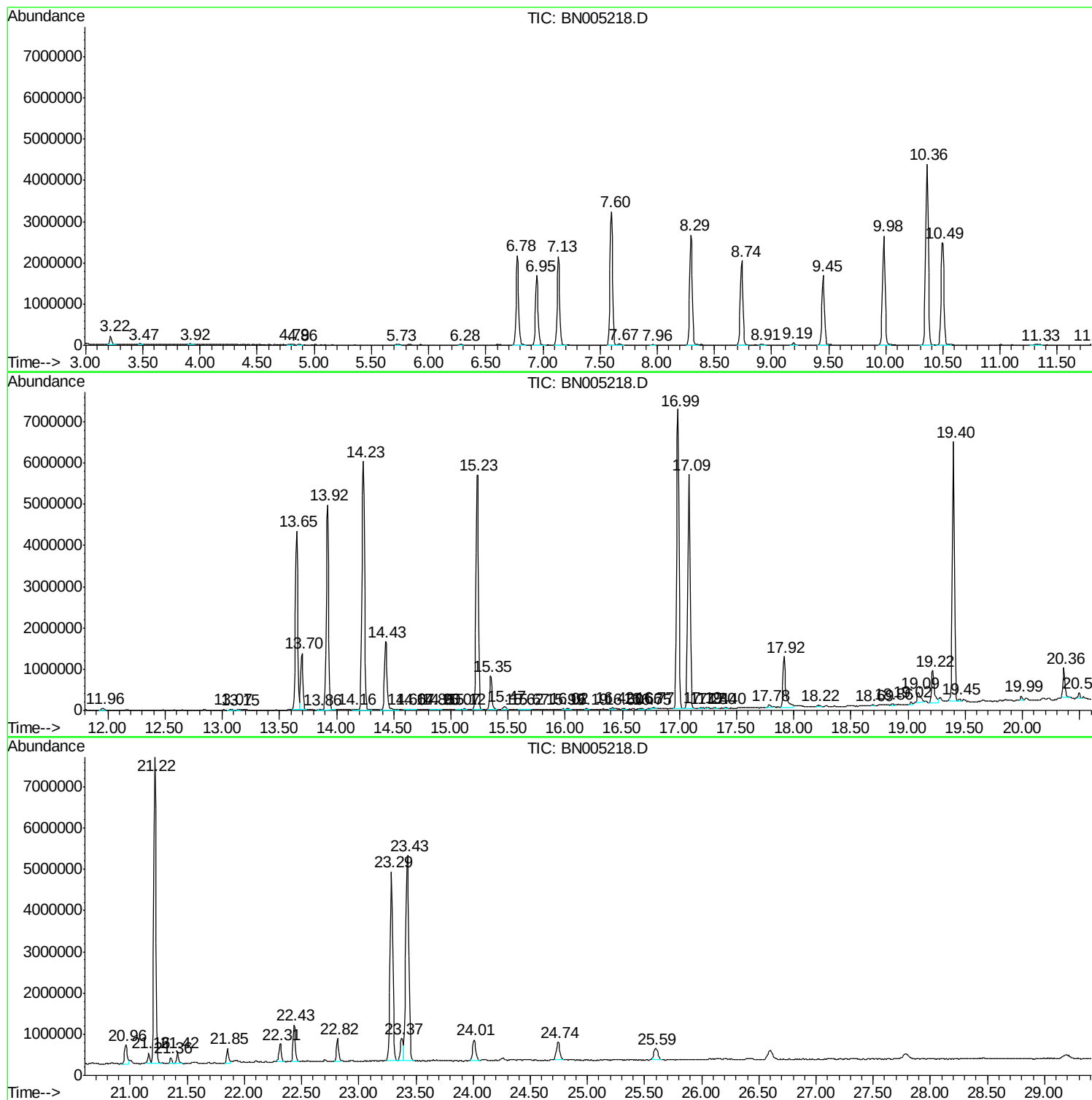
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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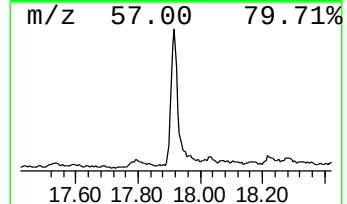
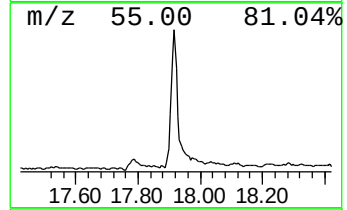
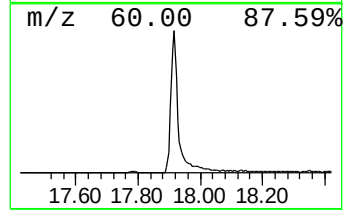
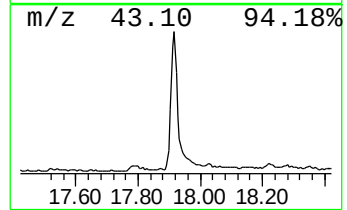
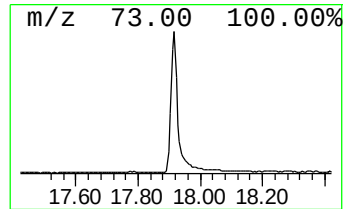
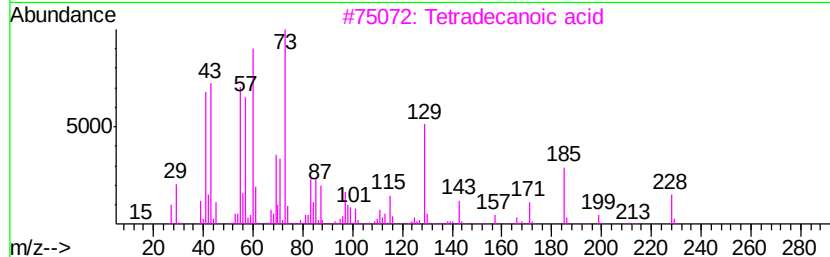
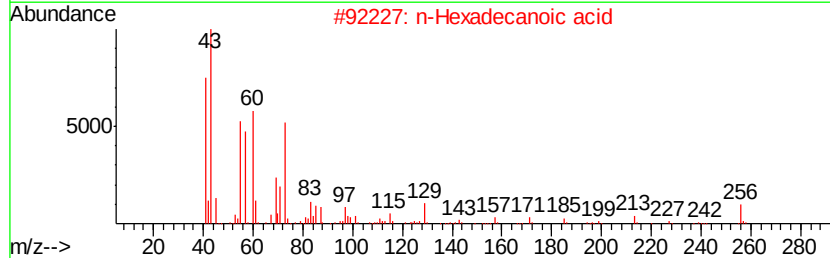
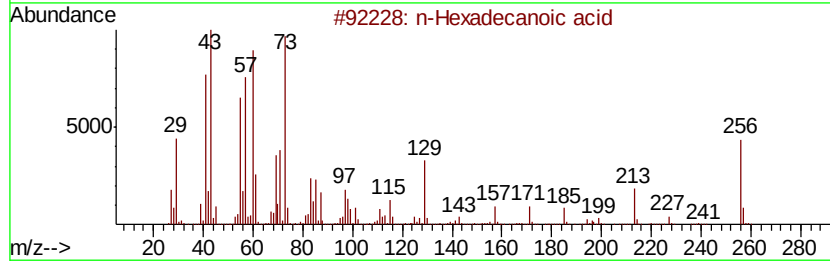
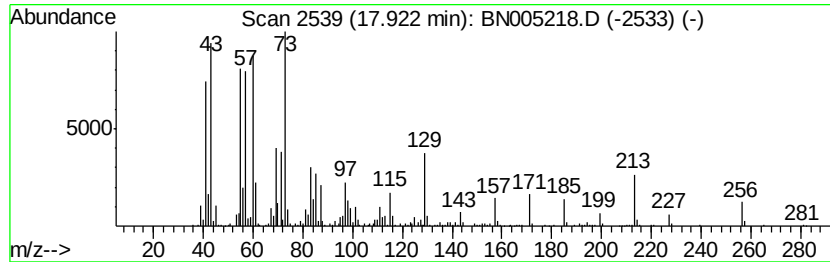
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	3.97 ng/ul	2030360	Phenanthrene-d10	16.99	
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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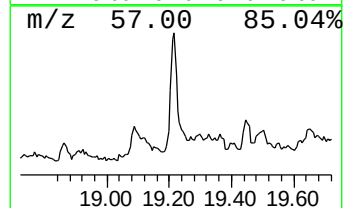
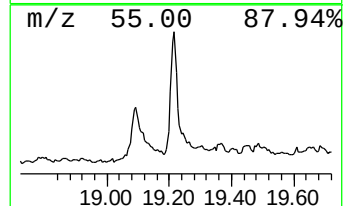
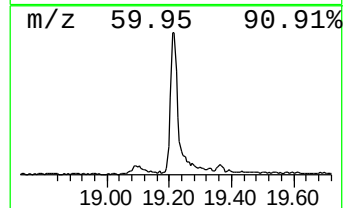
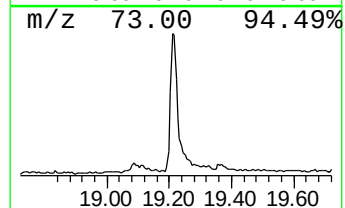
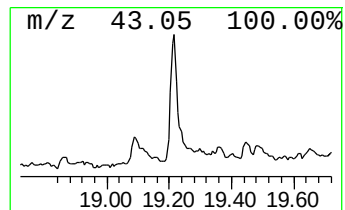
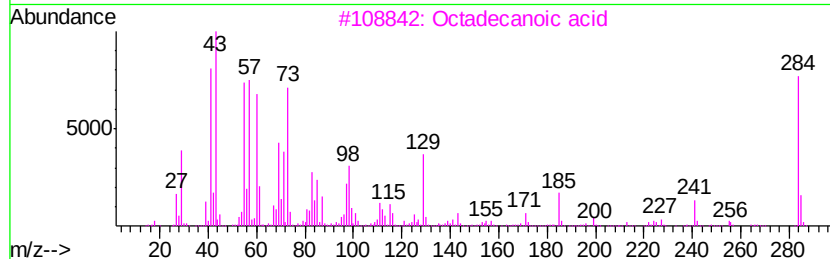
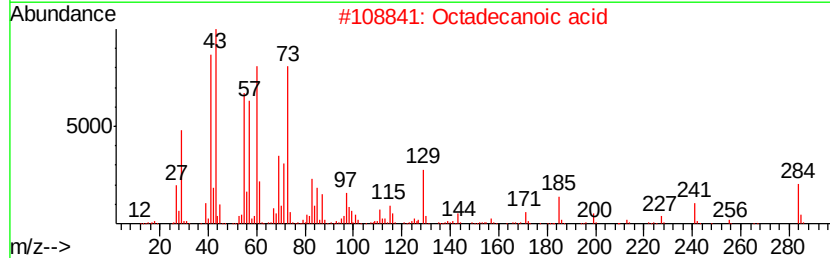
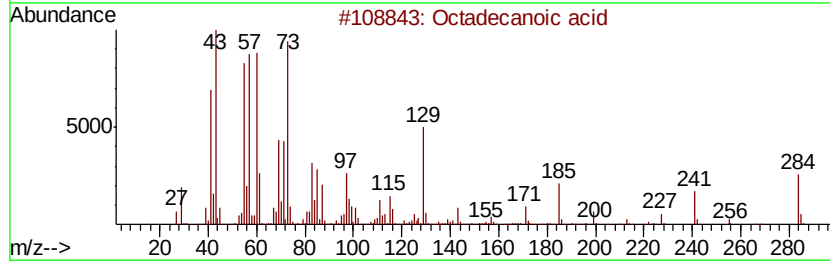
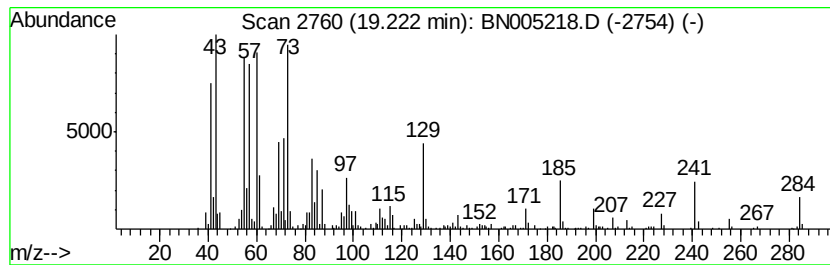
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.79 ng/ul	1299220	Chrysene-d12	21.22
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 98
3	Octadecanoic acid	284	C18H36O2	000057-11-4 93
4	Octadecanoic acid	284	C18H36O2	000057-11-4 93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2 90



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Misc :
ALS Vial : 8 Sample Multiplier: 1

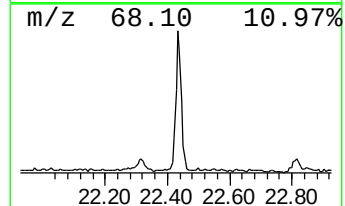
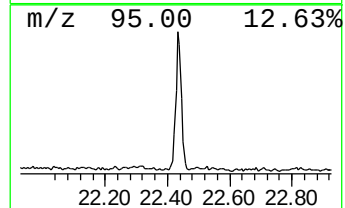
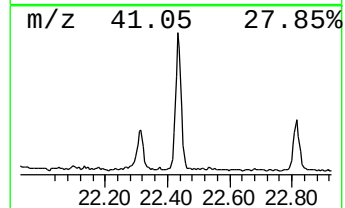
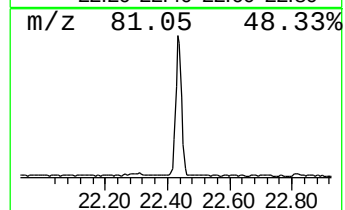
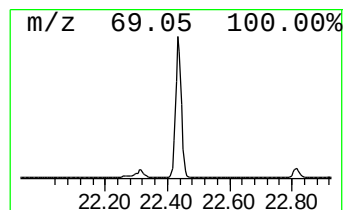
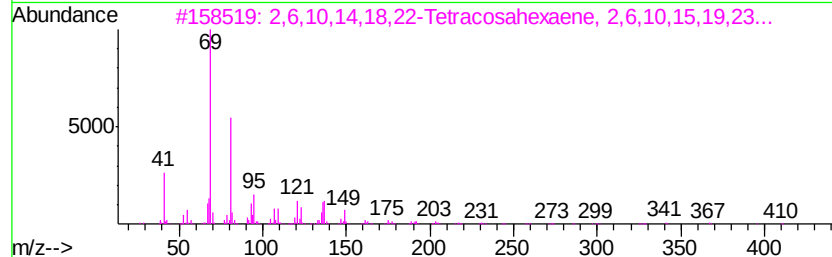
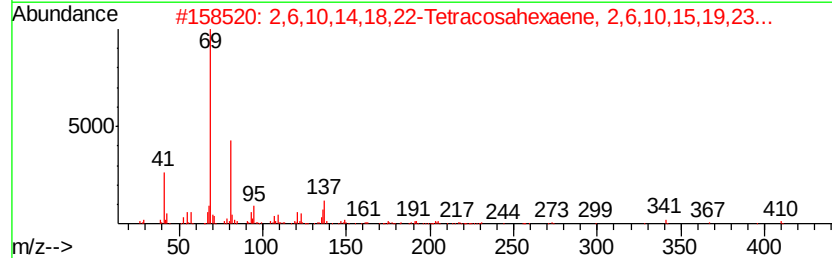
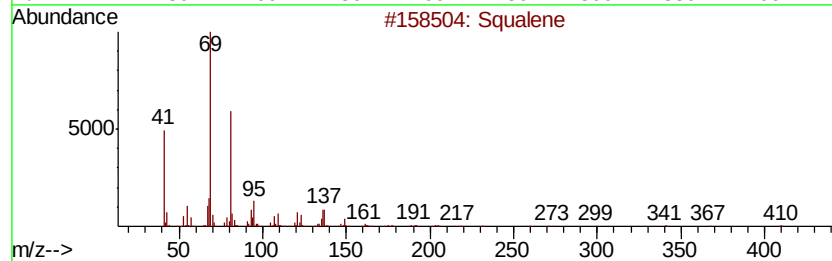
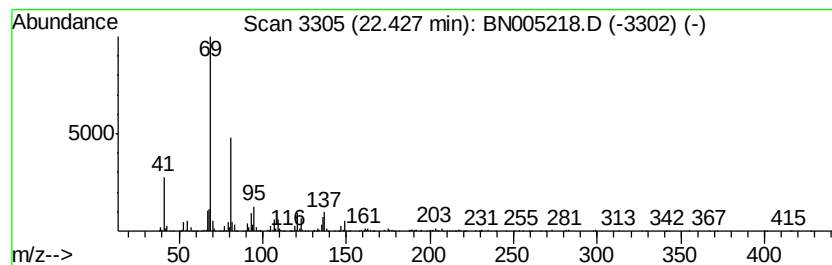
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.48 ng/ul	1156640	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	94
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
4	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	78
5	Trideca-1,7,11-triene-1,1-dicarb...	270 C18H26N2	1000161-46-0	53



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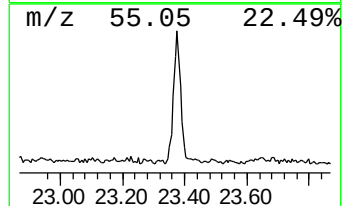
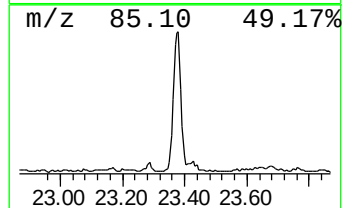
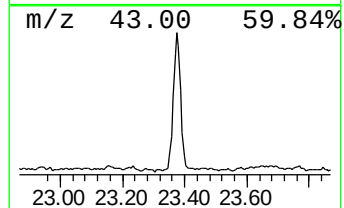
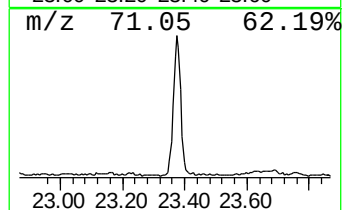
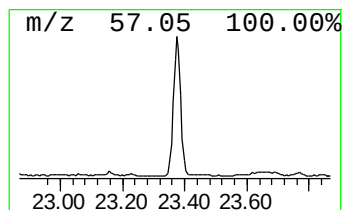
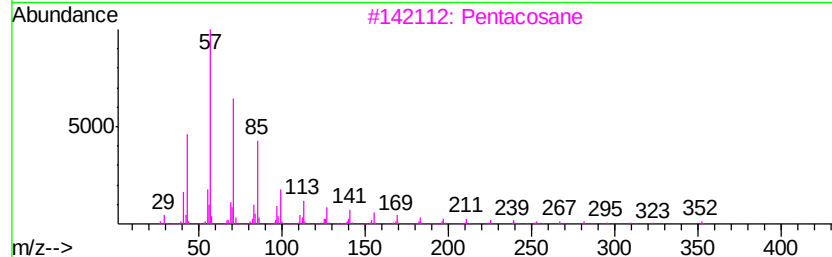
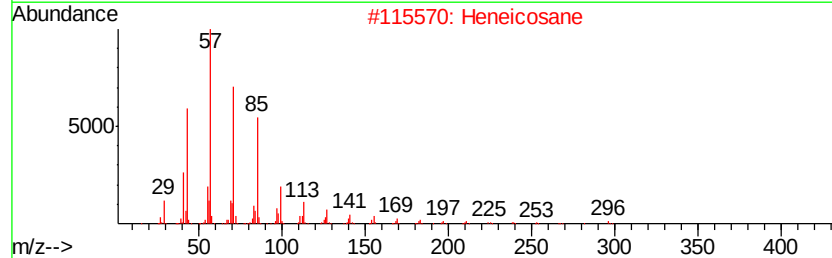
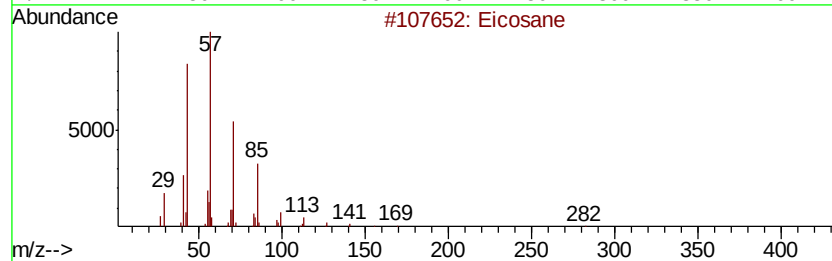
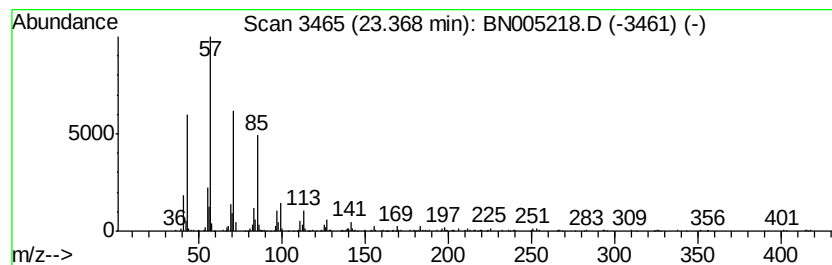
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Quant Title : SVOA CALIBRATION

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.
23.37	2.02 ng/ul	941498	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005218.D
Acq On : 23 Apr 2019 17:14
Operator : JU/SJ
Sample : K2403-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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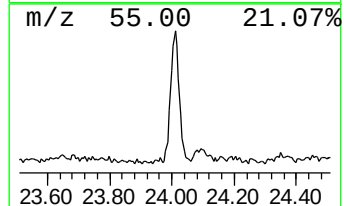
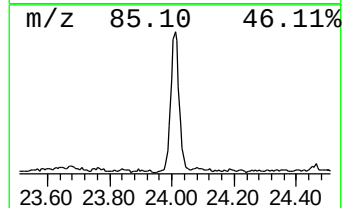
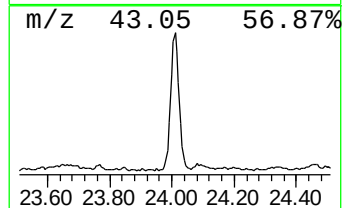
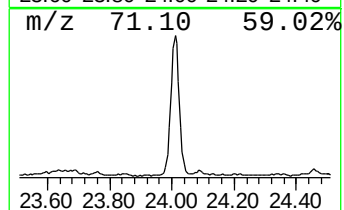
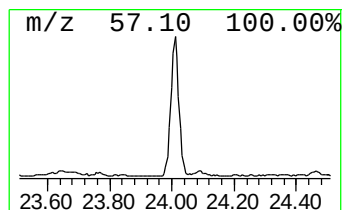
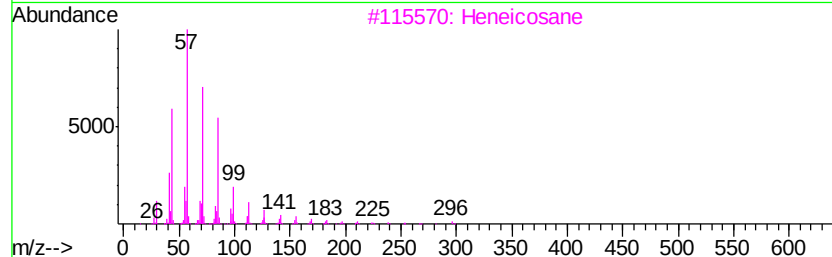
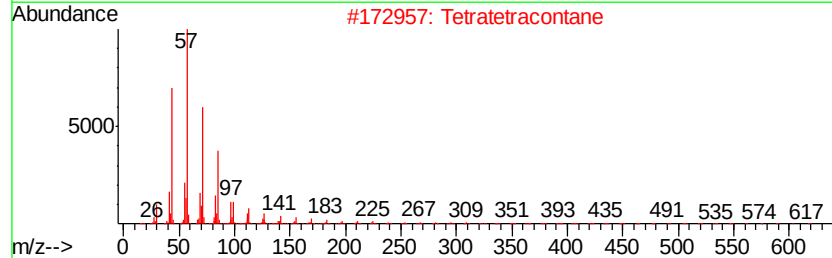
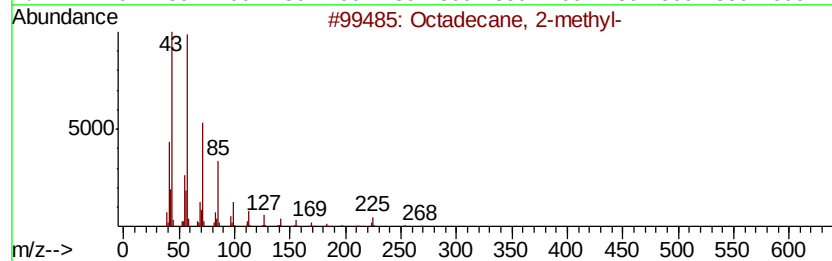
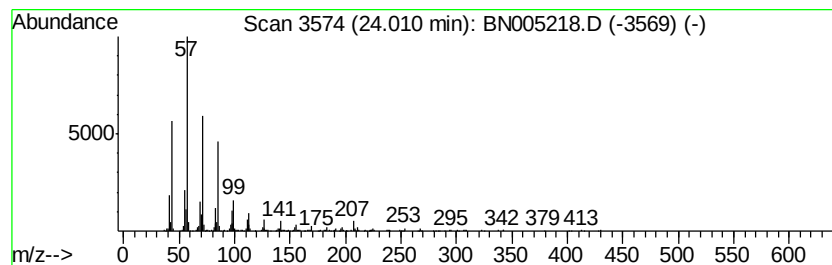
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.03 ng/ul	943734	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005218.D
Acq On : 23 Apr 2019 17:14
Operator : JU/SJ
Sample : K2403-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5103

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	4.0	ng/ul	2030360	4	16.99	10225500	20.0
Octadecanoic acid	19.22	2.8	ng/ul	1299220	5	21.22	9305930	20.0
Squalene	22.43	2.5	ng/ul	1156640	6	23.43	9320770	20.0
(DEL) Alkane: Str...	23.37	2.0	ng/ul	941498	6	23.43	9320770	20.0
(DEL) Alkane: Str...	24.01	2.0	ng/ul	943734	6	23.43	9320770	20.0