

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005280.D
 Acq On : 25 Apr 2019 09:09
 Operator : JU/SJ
 Sample : K2456-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN9

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	34	39	49	rBV	131223	179253	1.62%	0.129%
2	3.464	78	81	90	rBV	54701	82659	0.75%	0.060%
3	3.911	154	157	163	rVB	26152	28576	0.26%	0.021%
4	3.999	167	172	181	rBV	42571	66016	0.60%	0.048%
5	4.399	236	240	244	rBV3	10260	13806	0.13%	0.010%
6	4.781	302	305	313	rVB8	7401	16269	0.15%	0.012%
7	4.858	315	318	323	rVB3	8492	11955	0.11%	0.009%
8	5.722	459	465	472	rBV	21556	34906	0.32%	0.025%
9	6.269	555	558	564	rVB5	6218	11598	0.11%	0.008%
10	6.775	635	644	654	rBV	2484239	3817166	34.57%	2.749%
11	6.946	666	673	683	rVB	1815936	2809033	25.44%	2.023%
12	7.134	697	705	714	rBV	2403454	3731249	33.79%	2.688%
13	7.228	717	721	728	rVB4	7583	14051	0.13%	0.010%
14	7.593	776	783	790	rBV	1964449	3080927	27.90%	2.219%
15	7.663	790	795	803	rVB	129339	198343	1.80%	0.143%
16	8.293	894	902	914	rBV	3070915	4809433	43.55%	3.464%
17	8.734	970	977	988	rBV	2355591	3797011	34.39%	2.735%
18	8.851	993	997	1003	rVV7	10860	18664	0.17%	0.013%
19	8.910	1003	1007	1012	rVB3	14688	21103	0.19%	0.015%
20	9.187	1049	1054	1062	rVB2	51121	78221	0.71%	0.056%
21	9.446	1089	1098	1106	rBV	1937014	3243494	29.37%	2.336%
22	9.510	1106	1109	1113	rVB5	9927	13974	0.13%	0.010%
23	9.981	1181	1189	1200	rBV	3104676	5122997	46.39%	3.690%
24	10.357	1245	1253	1260	rBV	2718330	4567281	41.36%	3.290%
25	10.493	1268	1276	1290	rBV	3018979	5072653	45.94%	3.654%
26	10.728	1310	1316	1321	rBV3	20834	45909	0.42%	0.033%
27	11.181	1390	1393	1401	rVB7	6136	12991	0.12%	0.009%
28	11.334	1413	1419	1425	rVB7	9264	22361	0.20%	0.016%
29	11.675	1474	1477	1481	rBV4	9094	12105	0.11%	0.009%
30	11.951	1518	1524	1531	rBV	46345	80001	0.72%	0.058%
31	12.845	1670	1676	1679	rVB5	8319	14025	0.13%	0.010%
32	12.957	1690	1695	1701	rBV4	16130	26002	0.24%	0.019%
33	13.069	1711	1714	1718	rVB4	11098	13063	0.12%	0.009%
34	13.140	1721	1726	1731	rVV3	20190	34180	0.31%	0.025%

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35	13.198	1733	1736	1741	rVB5	7601	11518	0.10%	0.008%
36	13.451	1776	1779	1781	rBV4	9390	11561	0.10%	0.008%
37	13.598	1800	1804	1806	rBV4	8146	12004	0.11%	0.009%
38	13.645	1806	1812	1817	rVV	5152980	7536030	68.25%	5.428%
39	13.692	1817	1820	1826	rVB	1578129	1999108	18.10%	1.440%
40	13.916	1851	1858	1869	rBV	6054038	8885592	80.47%	6.400%
41	14.157	1893	1899	1904	rBV3	16441	22245	0.20%	0.016%
42	14.228	1904	1911	1922	rBV2	3936506	6020290	54.52%	4.336%
43	14.434	1939	1946	1963	rBV	2185170	3353501	30.37%	2.415%
44	14.598	1969	1974	1981	rVB8	12905	24209	0.22%	0.017%
45	14.663	1981	1985	1992	rVV7	17732	34137	0.31%	0.025%
46	14.851	2010	2017	2020	rBV6	11524	19622	0.18%	0.014%
47	15.063	2048	2053	2056	rBV4	12199	21661	0.20%	0.016%
48	15.116	2058	2062	2066	rVB3	24336	31536	0.29%	0.023%
49	15.228	2074	2081	2092	rVB	7497975	10566345	95.69%	7.611%
50	15.351	2095	2102	2110	rBV	1735197	2407634	21.80%	1.734%
51	15.469	2116	2122	2127	rVB	98167	139684	1.26%	0.101%
52	15.675	2153	2157	2161	rVB4	19860	24828	0.22%	0.018%
53	15.916	2194	2198	2201	rBV5	12240	17832	0.16%	0.013%
54	15.981	2205	2209	2211	rVV3	22745	27730	0.25%	0.020%
55	16.016	2211	2215	2222	rVB4	41393	70780	0.64%	0.051%
56	16.333	2263	2269	2275	rBV8	6488	16922	0.15%	0.012%
57	16.504	2296	2298	2303	rVB3	10740	13812	0.13%	0.010%
58	16.669	2319	2326	2332	rVB8	22392	41621	0.38%	0.030%
59	16.775	2339	2344	2346	rBV4	37808	53187	0.48%	0.038%
60	16.980	2373	2379	2389	rBV2	4766818	6847138	62.01%	4.932%
61	17.080	2389	2396	2406	rVV2	7698826	10847016	98.23%	7.813%
62	17.192	2411	2415	2419	rVB7	10566	21276	0.19%	0.015%
63	17.245	2419	2424	2428	rBV6	23611	49631	0.45%	0.036%
64	17.369	2440	2445	2447	rBV5	11063	18380	0.17%	0.013%
65	17.516	2466	2470	2475	rBV3	20241	28233	0.26%	0.020%
66	17.780	2510	2515	2516	rBV5	14609	18623	0.17%	0.013%
67	17.910	2532	2537	2559	rBV	1166698	2064036	18.69%	1.487%
68	18.204	2584	2587	2593	rVB8	35021	59444	0.54%	0.043%
69	18.857	2695	2698	2707	rVB5	26954	32817	0.30%	0.024%
70	18.957	2712	2715	2718	rVB5	11230	12302	0.11%	0.009%
71	19.022	2722	2726	2730	rBV	89274	112187	1.02%	0.081%

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72	19.086	2734	2737	2742	rVB7	23885	39122	0.35%	0.028%
73	19.210	2753	2758	2766	rBV	360394	650985	5.90%	0.469%
74	19.274	2766	2769	2776	rVV	100059	161317	1.46%	0.116%
75	19.392	2780	2789	2796	rVV	7891545	11042407	100.00%	7.954%
76	19.439	2796	2797	2801	rVB3	37074	35068	0.32%	0.025%
77	19.669	2834	2836	2840	rVB5	23962	28860	0.26%	0.021%
78	19.986	2887	2890	2894	rBV	36119	37131	0.34%	0.027%
79	20.357	2950	2953	2958	rVB2	63922	71406	0.65%	0.051%
80	20.421	2962	2964	2968	rVB5	26881	23954	0.22%	0.017%
81	20.463	2969	2971	2972	rBV2	19230	13905	0.13%	0.010%
82	20.486	2972	2975	2979	rVB	56642	66119	0.60%	0.048%
83	20.951	3050	3054	3062	rBV	500505	772875	7.00%	0.557%
84	21.210	3092	3098	3109	rBV	4360916	5593439	50.65%	4.029%
85	21.345	3118	3121	3127	rBV6	59917	57947	0.52%	0.042%
86	21.404	3127	3131	3135	rBV	172013	197710	1.79%	0.142%
87	21.833	3201	3204	3214	rBV	242921	368636	3.34%	0.266%
88	22.292	3278	3282	3289	rVB	380944	492654	4.46%	0.355%
89	22.792	3363	3367	3375	rVB	406076	591843	5.36%	0.426%
90	23.274	3441	3449	3457	rBV2	4903861	8700240	78.79%	6.267%
91	23.351	3457	3462	3466	rVV2	414148	692033	6.27%	0.498%
92	23.410	3466	3472	3480	rVB2	2963971	5415541	49.04%	3.901%
93	23.980	3564	3569	3578	rVB	336730	643653	5.83%	0.464%
94	24.709	3689	3693	3705	rVB	268546	561299	5.08%	0.404%

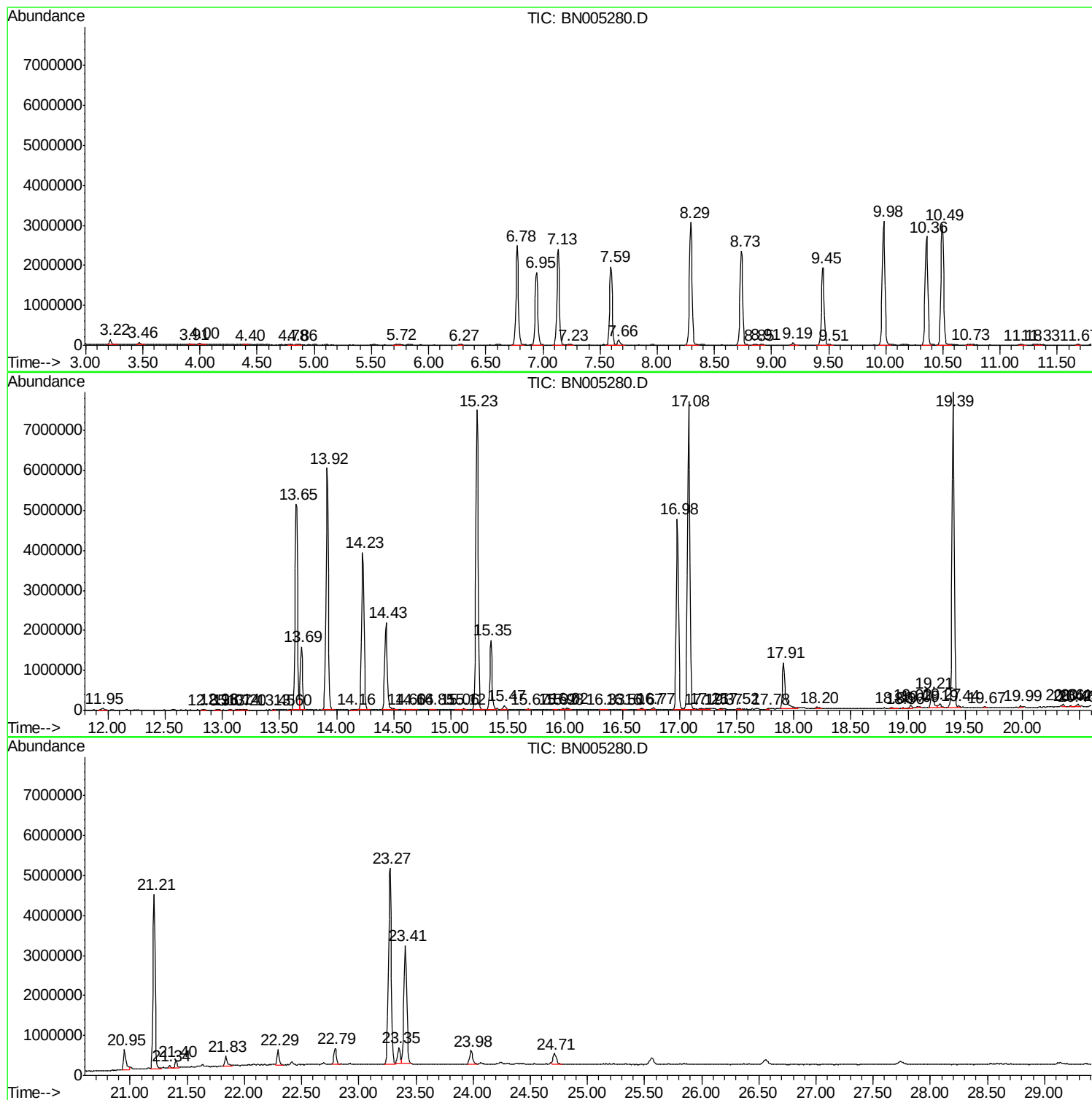
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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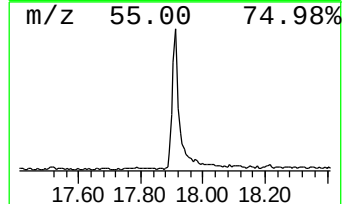
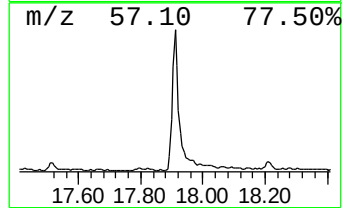
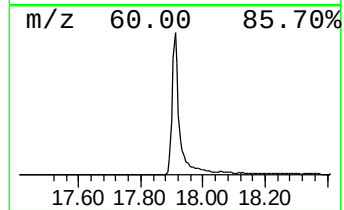
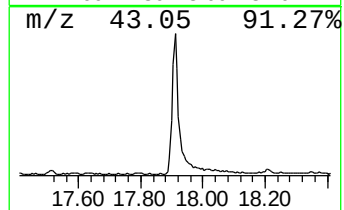
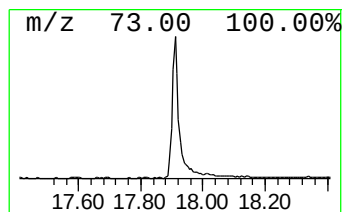
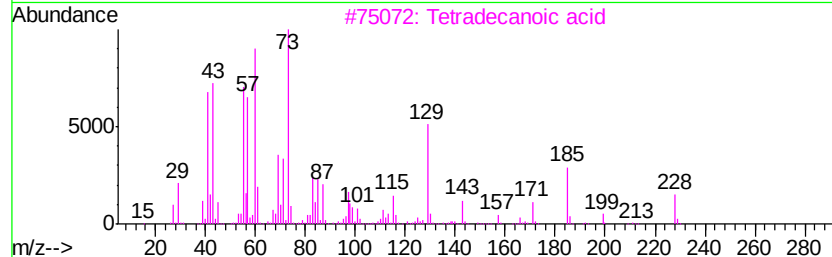
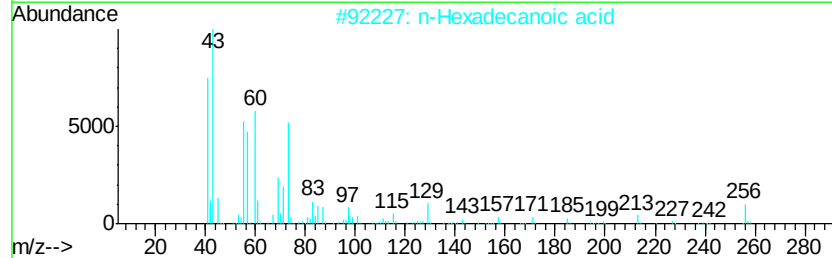
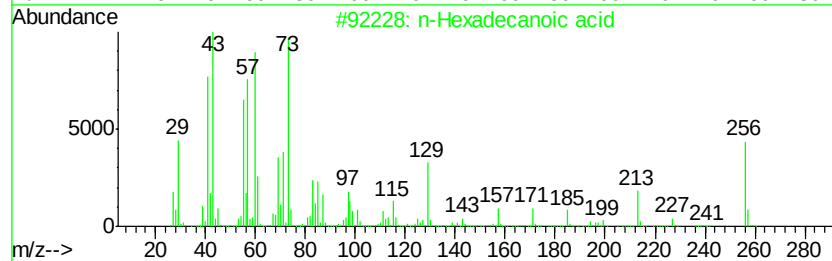
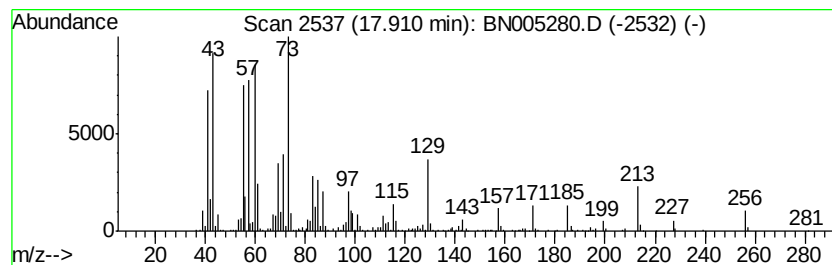
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.	
17.91	6.03 ng/ul	2064040	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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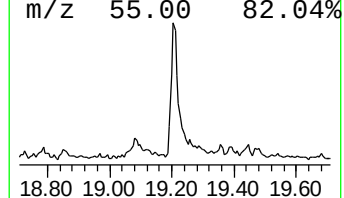
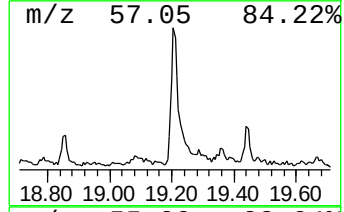
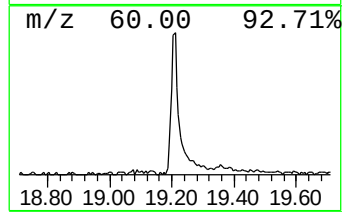
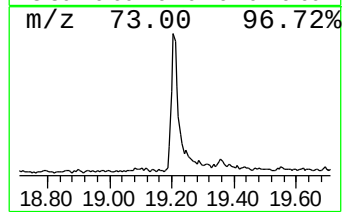
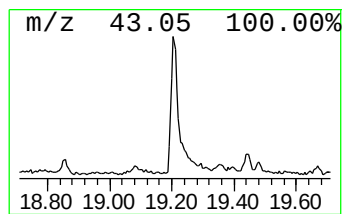
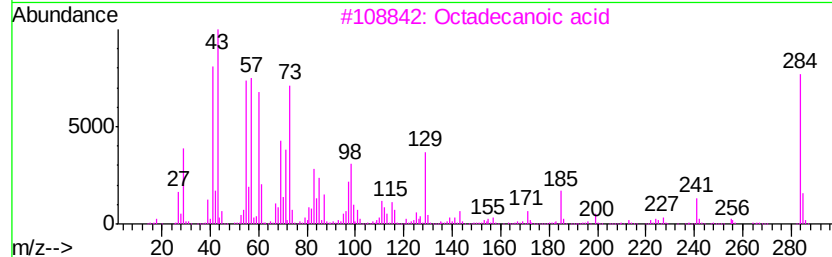
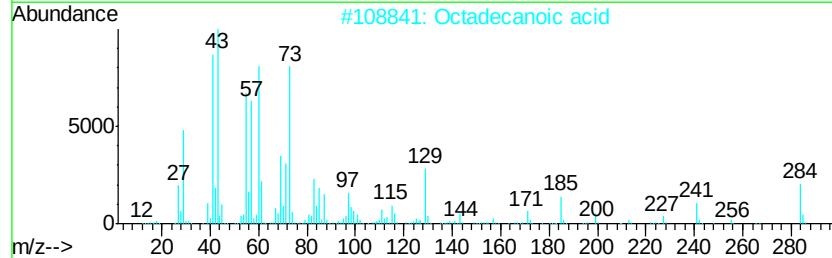
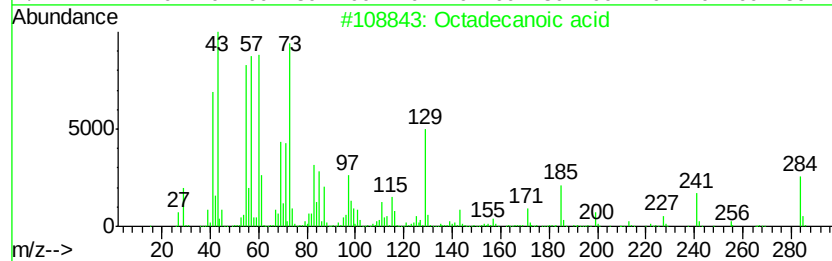
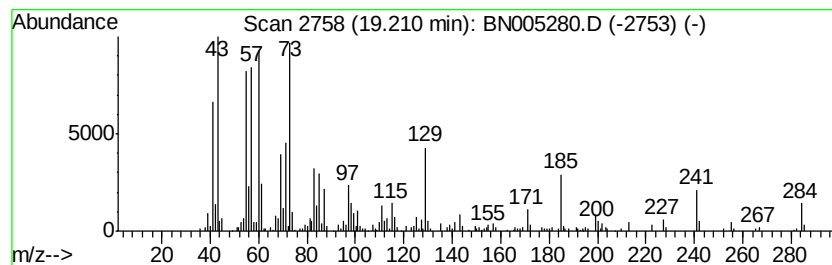
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.21	2.33 ng/ul	650985	Chrysene-d12		21.21		
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	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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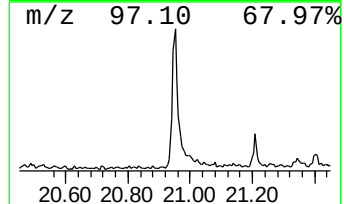
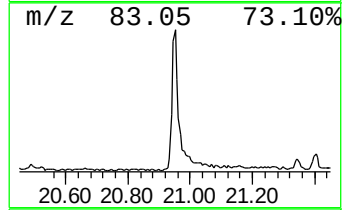
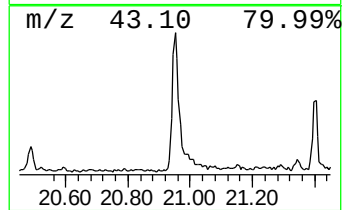
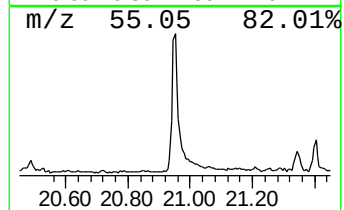
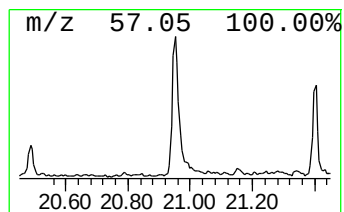
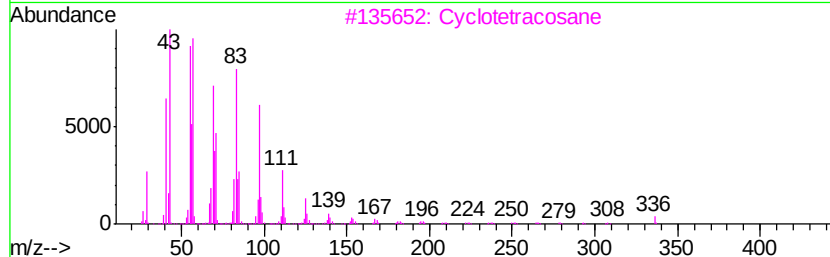
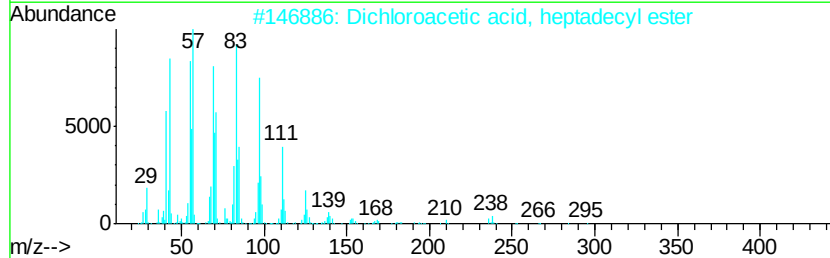
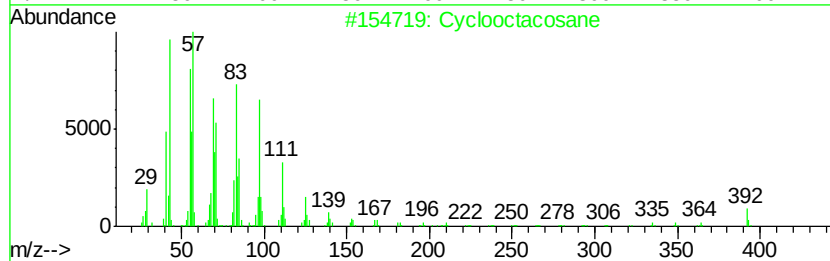
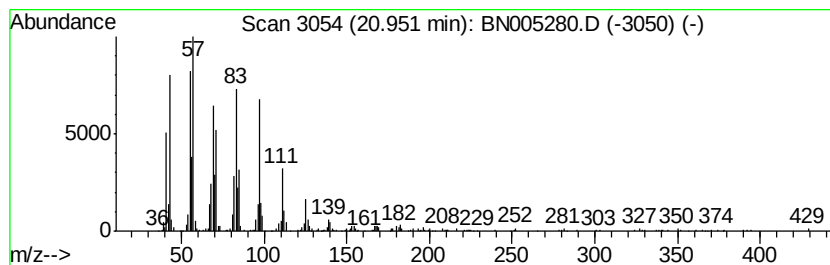
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.76 ng/ul	772875	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctacosane	392	C28H56	000297-24-5	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		1-Tricosene	322	C23H46	018835-32-0	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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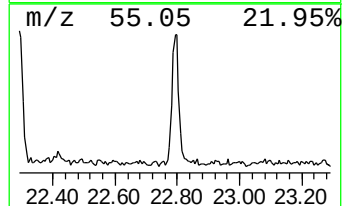
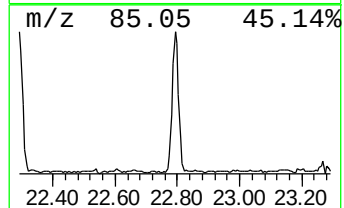
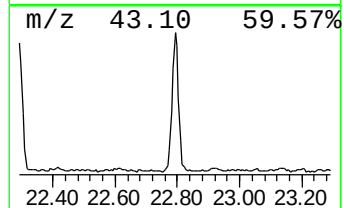
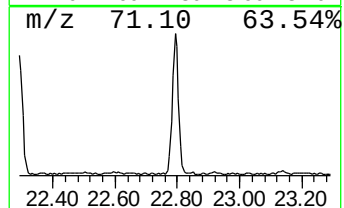
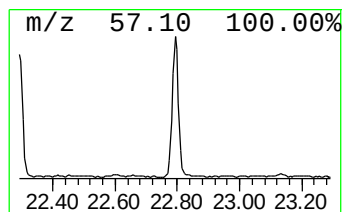
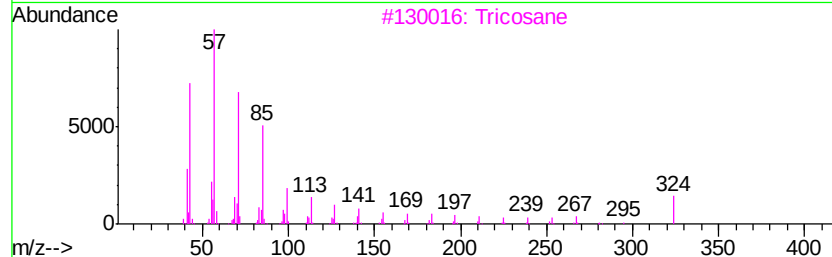
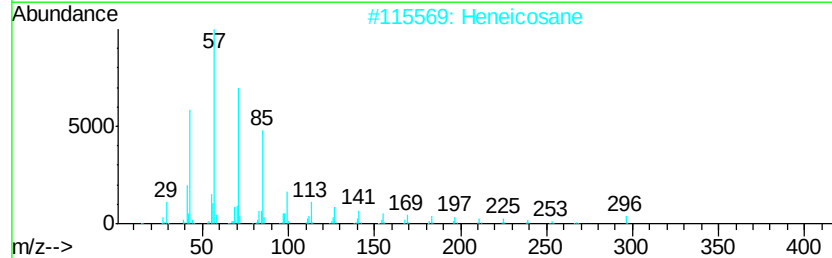
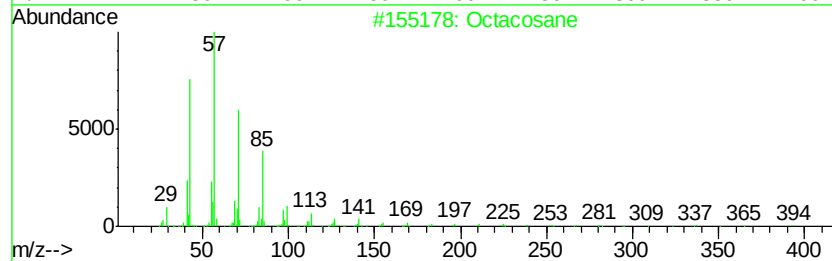
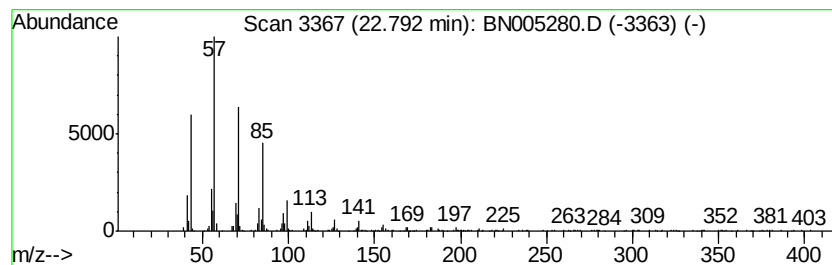
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.19 ng/ul	591843	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	99
2			Heneicosane	296	C21H44	000629-94-7	97
3			Tricosane	324	C23H48	000638-67-5	95
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005280.D
Acq On : 25 Apr 2019 09:09
Operator : JU/SJ
Sample : K2456-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN9

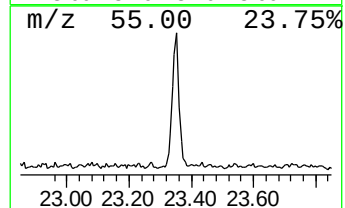
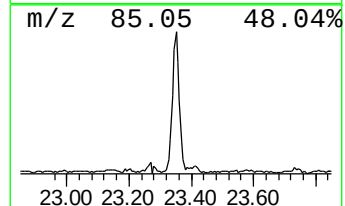
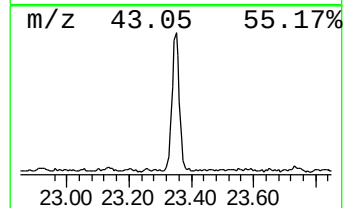
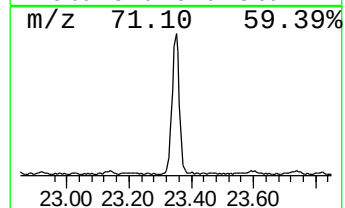
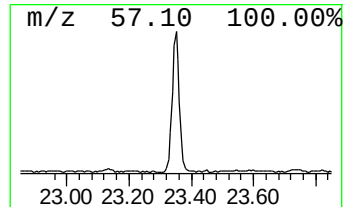
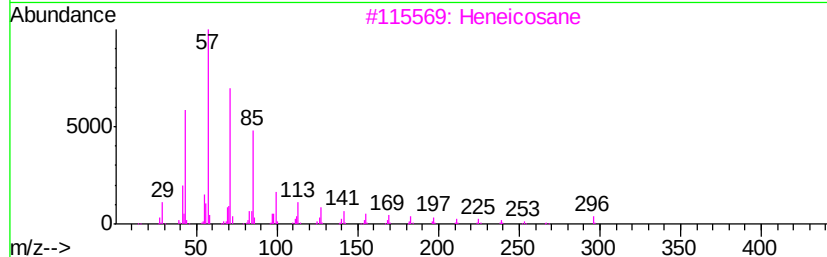
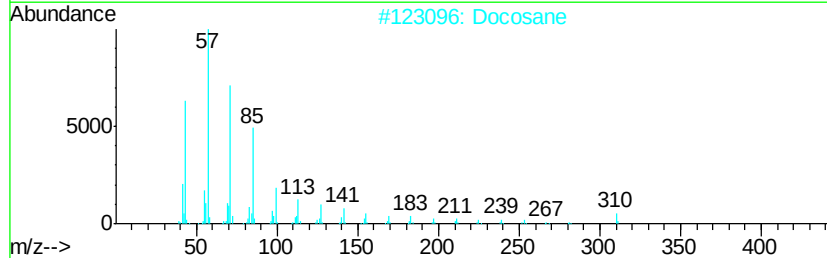
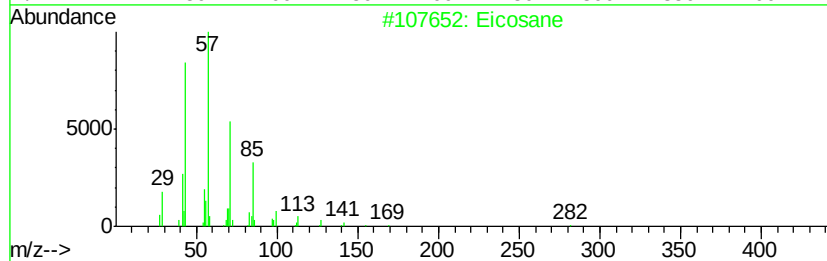
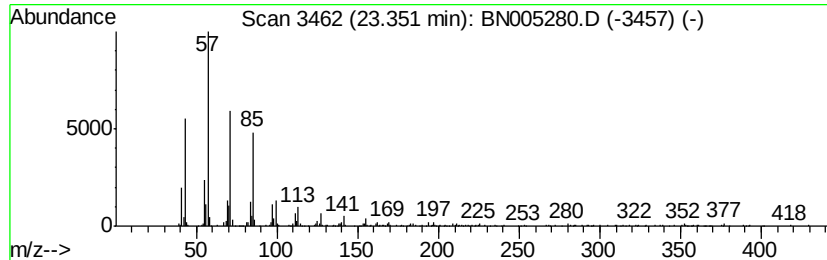
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Quant Title : SVOA CALIBRATION

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.
23.35	2.56 ng/ul	692033	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Docosane	310	C22H46	000629-97-0	94
3		Heneicosane	296	C21H44	000629-94-7	93
4		Pentacosane	352	C25H52	000629-99-2	93
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005280.D
Acq On : 25 Apr 2019 09:09
Operator : JU/SJ
Sample : K2456-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN9

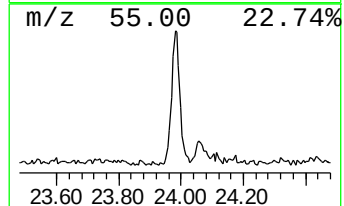
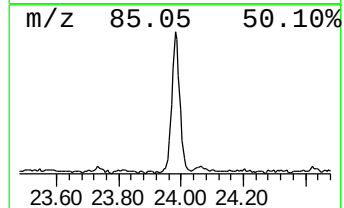
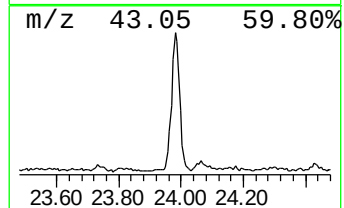
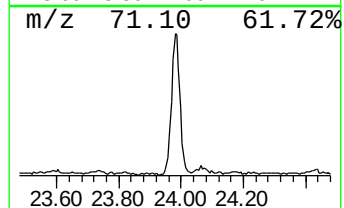
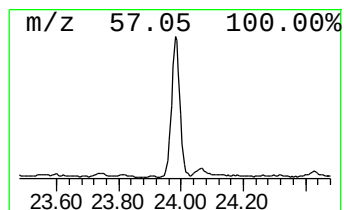
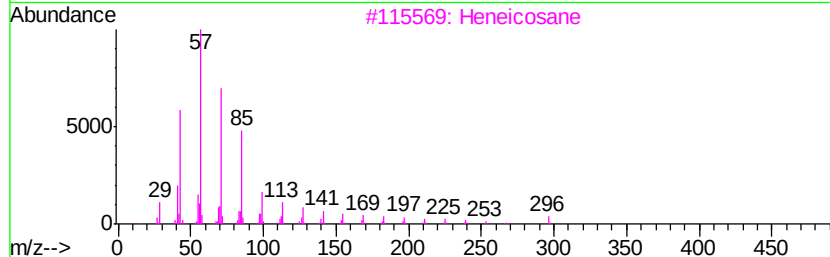
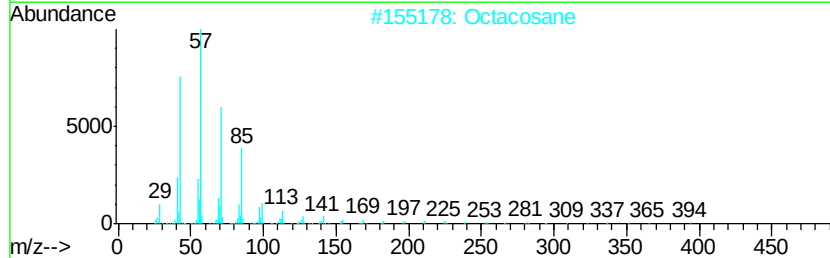
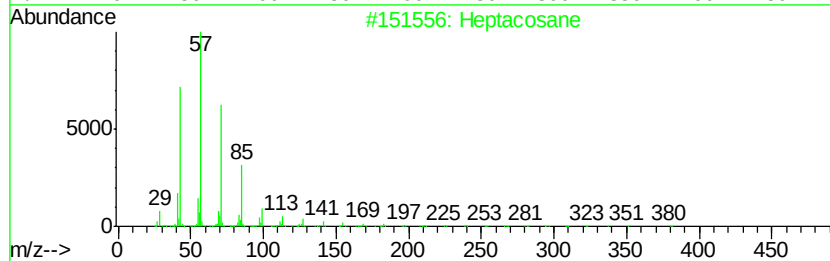
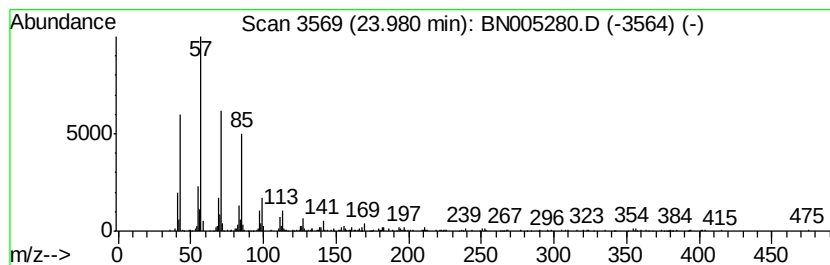
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Quant Title : SVOA CALIBRATION

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.
23.98	2.38 ng/ul	643653	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	95
2		Octacosane	394	C28H58	000630-02-4	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005280.D
Acq On : 25 Apr 2019 09:09
Operator : JU/SJ
Sample : K2456-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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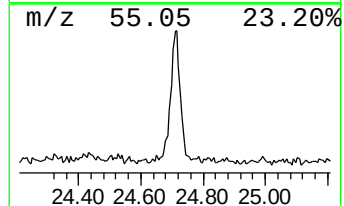
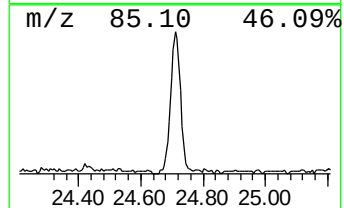
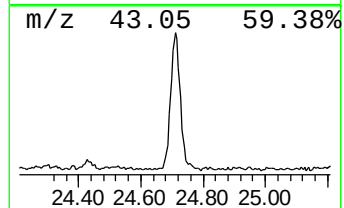
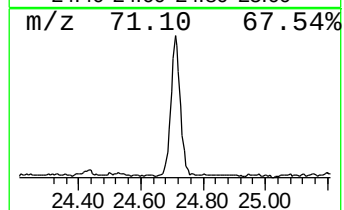
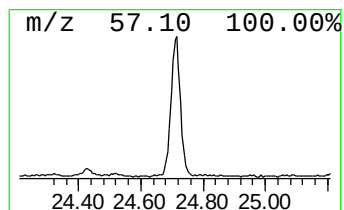
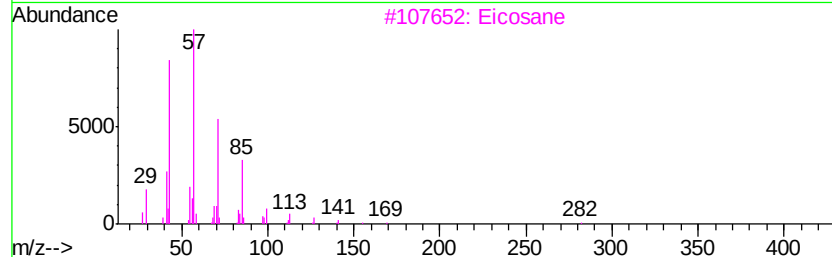
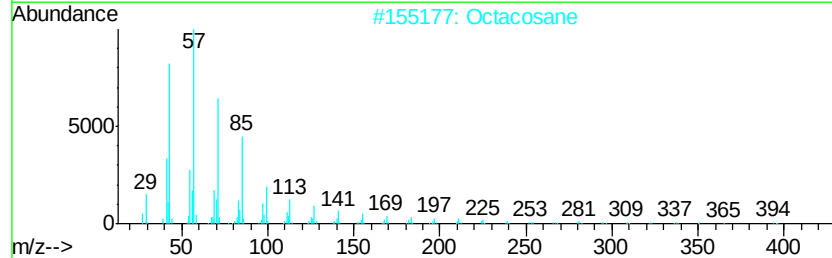
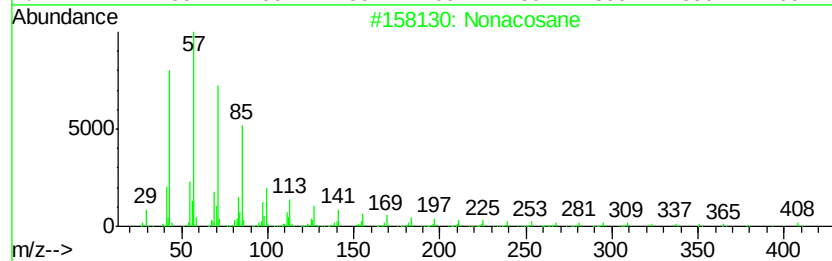
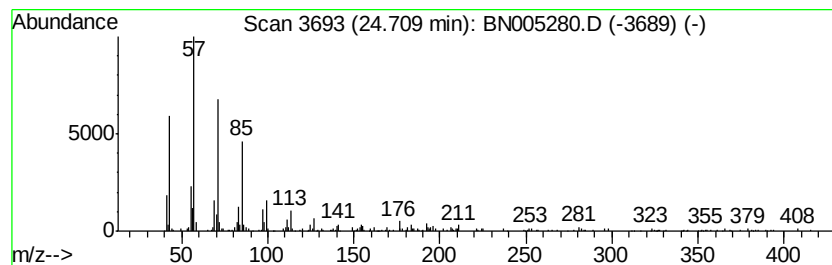
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	2.07 ng/ul	561299	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	93
2		Octacosane	394	C28H58	000630-02-4	93
3		Eicosane	282	C20H42	000112-95-8	93
4		Octacosane	394	C28H58	000630-02-4	93
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005280.D
Acq On : 25 Apr 2019 09:09
Operator : JU/SJ
Sample : K2456-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN9

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	6.0	ng/ul	2064040	4	16.98	6847140	20.0
Octadecanoic acid	19.21	2.3	ng/ul	650985	5	21.21	5593440	20.0
(DEL) Alkane: Cyc...	20.95	2.8	ng/ul	772875	5	21.21	5593440	20.0
(DEL) Alkane: Str...	22.79	2.2	ng/ul	591843	6	23.41	5415540	20.0
(DEL) Alkane: Str...	23.35	2.6	ng/ul	692033	6	23.41	5415540	20.0
(DEL) Alkane: Str...	23.98	2.4	ng/ul	643653	6	23.41	5415540	20.0
(DEL) Alkane: Str...	24.71	2.1	ng/ul	561299	6	23.41	5415540	20.0