

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005259.D
 Acq On : 24 Apr 2019 20:27
 Operator : JU/SJ
 Sample : K2456-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP3

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	48	rVB	109565	141808	1.81%	0.129%
2	3.475	80	83	88	rVB	14878	15946	0.20%	0.015%
3	3.911	153	157	163	rBV	20578	28204	0.36%	0.026%
4	3.999	167	172	180	rBV	49308	74546	0.95%	0.068%
5	4.258	213	216	222	rVB6	13931	21094	0.27%	0.019%
6	4.405	236	241	244	rVB3	10456	17320	0.22%	0.016%
7	4.787	302	306	311	rVB4	10283	16316	0.21%	0.015%
8	4.870	316	320	323	rBV5	7429	8760	0.11%	0.008%
9	5.722	462	465	474	rVB	21460	33268	0.42%	0.030%
10	6.275	553	559	563	rBV7	6636	12271	0.16%	0.011%
11	6.775	637	644	655	rVB	1899856	2922635	37.22%	2.663%
12	6.946	662	673	685	rBV	1386663	2187368	27.85%	1.993%
13	7.134	697	705	718	rBV	1875863	2912909	37.09%	2.654%
14	7.599	776	784	790	rBV	1727400	2771876	35.30%	2.525%
15	7.663	790	795	803	rVB	120341	185624	2.36%	0.169%
16	8.293	895	902	912	rBV	2305351	3678305	46.84%	3.351%
17	8.734	969	977	989	rBV	1773862	2937252	37.40%	2.676%
18	8.910	1003	1007	1013	rVB5	14741	18368	0.23%	0.017%
19	9.193	1048	1055	1060	rVB	45037	69035	0.88%	0.063%
20	9.452	1091	1099	1106	rBV	1462155	2418546	30.80%	2.204%
21	9.505	1106	1108	1116	rVB5	11489	18409	0.23%	0.017%
22	9.981	1182	1189	1201	rBV	2422583	3927581	50.01%	3.578%
23	10.152	1213	1218	1221	rBV5	5585	9431	0.12%	0.009%
24	10.357	1243	1253	1261	rBV	2543168	4163163	53.01%	3.793%
25	10.493	1268	1276	1293	rBV	2292761	3840494	48.91%	3.499%
26	10.734	1309	1317	1320	rBV4	17326	34492	0.44%	0.031%
27	10.781	1323	1325	1330	rVB4	6148	9464	0.12%	0.009%
28	11.322	1413	1417	1422	rVB6	6464	10723	0.14%	0.010%
29	11.675	1473	1477	1486	rVB7	6319	16282	0.21%	0.015%
30	11.951	1518	1524	1534	rVB3	33365	61153	0.78%	0.056%
31	12.834	1670	1674	1679	rVB6	8079	12767	0.16%	0.012%
32	12.963	1692	1696	1701	rVB3	11116	14186	0.18%	0.013%
33	13.075	1710	1715	1721	rVB5	8166	15628	0.20%	0.014%
34	13.146	1721	1727	1729	rBV3	16939	25872	0.33%	0.024%

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35	13.198	1731	1736	1737	rBV4	7005	9914	0.13%	0.009%
36	13.463	1776	1781	1788	rBV5	12820	30396	0.39%	0.028%
37	13.646	1806	1812	1817	rVV	3920498	5530790	70.43%	5.039%
38	13.693	1817	1820	1827	rVB	1036890	1350903	17.20%	1.231%
39	13.916	1851	1858	1875	rVB	4415285	6720277	85.58%	6.123%
40	14.157	1895	1899	1904	rBV4	13401	21683	0.28%	0.020%
41	14.228	1904	1911	1922	rBV2	3665296	5567793	70.90%	5.073%
42	14.428	1939	1945	1962	rBV	1347453	2047057	26.07%	1.865%
43	14.604	1972	1975	1981	rVB7	9472	15353	0.20%	0.014%
44	14.675	1981	1987	1993	rVV9	15995	36800	0.47%	0.034%
45	14.716	1993	1994	2000	rVV4	7736	9352	0.12%	0.009%
46	14.851	2013	2017	2019	rVV5	9602	12043	0.15%	0.011%
47	14.898	2022	2025	2031	rVB5	6269	11916	0.15%	0.011%
48	15.057	2048	2052	2058	rBV3	13694	22610	0.29%	0.021%
49	15.116	2058	2062	2065	rVB2	18343	21073	0.27%	0.019%
50	15.228	2074	2081	2092	rBV	5552901	7852846	100.00%	7.155%
51	15.351	2094	2102	2110	rBV	867658	1304300	16.61%	1.188%
52	15.469	2118	2122	2127	rVB2	72363	91715	1.17%	0.084%
53	15.675	2154	2157	2161	rVB3	8585	9872	0.13%	0.009%
54	15.875	2188	2191	2193	rBV4	5839	9213	0.12%	0.008%
55	15.922	2197	2199	2202	rVV4	11722	17597	0.22%	0.016%
56	15.981	2206	2209	2212	rVV4	15639	20075	0.26%	0.018%
57	16.016	2212	2215	2221	rVB4	26922	40400	0.51%	0.037%
58	16.145	2234	2237	2241	rVB5	9071	11414	0.15%	0.010%
59	16.181	2241	2243	2249	rVB6	8197	11377	0.14%	0.010%
60	16.392	2276	2279	2282	rBV4	12289	15342	0.20%	0.014%
61	16.675	2323	2327	2332	rBV3	25100	42834	0.55%	0.039%
62	16.722	2332	2335	2340	rBV2	23439	34012	0.43%	0.031%
63	16.775	2340	2344	2350	rVB4	27597	44254	0.56%	0.040%
64	16.898	2362	2365	2369	rBV6	11731	17941	0.23%	0.016%
65	16.981	2373	2379	2389	rVV	4175196	6107011	77.77%	5.564%
66	17.081	2389	2396	2407	rVV2	5373744	7696159	98.00%	7.012%
67	17.245	2422	2424	2429	rVB5	10933	10608	0.14%	0.010%
68	17.369	2441	2445	2448	rBV5	7733	13725	0.17%	0.013%
69	17.516	2465	2470	2473	rBV4	15586	25971	0.33%	0.024%
70	17.639	2489	2491	2494	rBV4	7338	9798	0.12%	0.009%
71	17.669	2494	2496	2500	rVB5	12614	14899	0.19%	0.014%

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72	17.781	2513	2515	2516	rBV2	12976	11318	0.14%	0.010%
73	17.910	2532	2537	2546	rBV	676483	1117069	14.23%	1.018%
74	18.210	2584	2588	2592	rBV6	24977	36315	0.46%	0.033%
75	18.469	2629	2632	2635	rBV5	8195	11759	0.15%	0.011%
76	18.857	2695	2698	2703	rVB5	33095	40117	0.51%	0.037%
77	19.028	2722	2727	2730	rBV	59482	88389	1.13%	0.081%
78	19.057	2730	2732	2734	rVV3	42028	44805	0.57%	0.041%
79	19.086	2734	2737	2747	rVB5	127771	245762	3.13%	0.224%
80	19.210	2754	2758	2766	rBV	384950	597309	7.61%	0.544%
81	19.275	2767	2769	2776	rVB	63336	89607	1.14%	0.082%
82	19.392	2781	2789	2796	rBV	5433850	7675500	97.74%	6.993%
83	19.445	2796	2798	2801	rVB	27706	26089	0.33%	0.024%
84	19.986	2887	2890	2898	rVB3	42185	52215	0.66%	0.048%
85	20.363	2951	2954	2958	rVB3	38157	42679	0.54%	0.039%
86	20.492	2973	2976	2979	rVB	62002	68227	0.87%	0.062%
87	20.963	3051	3056	3062	rBV3	197132	313179	3.99%	0.285%
88	21.216	3093	3099	3108	rBV	4131800	5270415	67.11%	4.802%
89	21.351	3120	3122	3126	rVB5	51669	46703	0.59%	0.043%
90	21.410	3129	3132	3136	rVV	187152	190992	2.43%	0.174%
91	21.845	3202	3206	3213	rBV	282555	324946	4.14%	0.296%
92	22.304	3280	3284	3293	rVB	406717	543425	6.92%	0.495%
93	22.427	3301	3305	3310	rVB	264373	339286	4.32%	0.309%
94	22.804	3365	3369	3376	rVB	457368	657843	8.38%	0.599%
95	23.280	3443	3450	3458	rVV2	3842406	6770304	86.21%	6.168%
96	23.363	3459	3464	3468	rVV	484658	810861	10.33%	0.739%
97	23.416	3468	3473	3483	rVB2	2820336	5146942	65.54%	4.689%
98	23.998	3567	3572	3582	rVB	394612	738339	9.40%	0.673%
99	24.727	3691	3696	3706	rVB	289482	625834	7.97%	0.570%
100	25.580	3836	3841	3851	rVB3	162234	391599	4.99%	0.357%

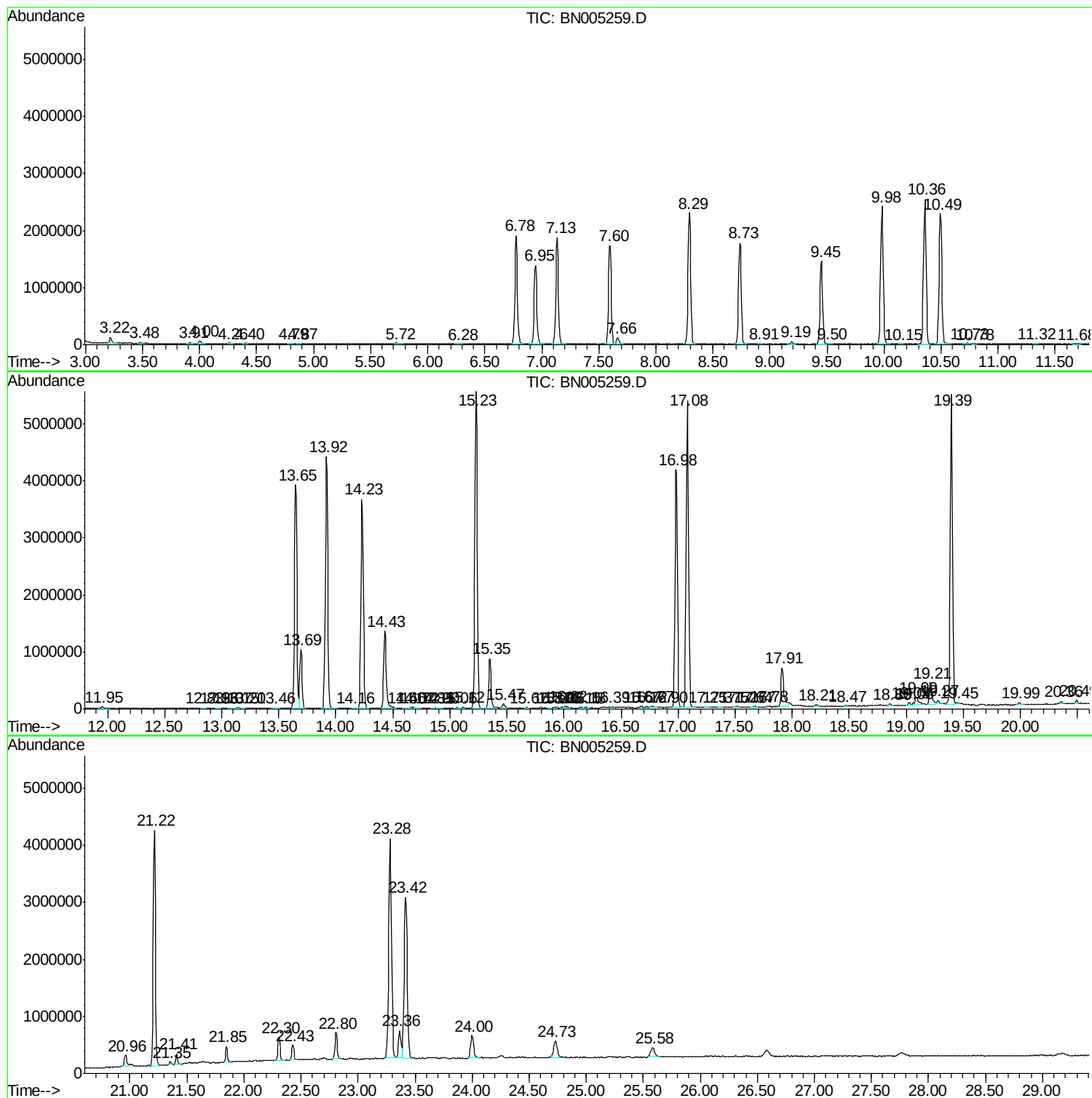
Sum of corrected areas: 109758247

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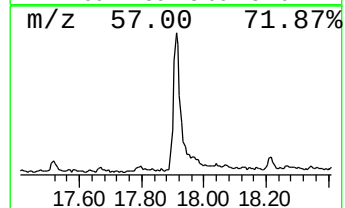
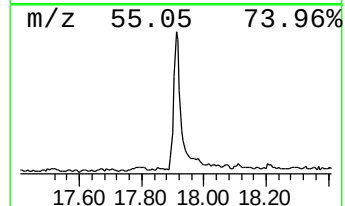
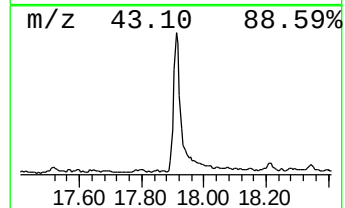
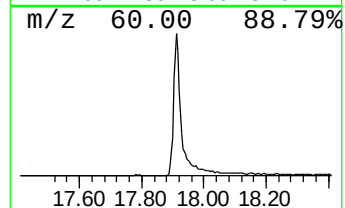
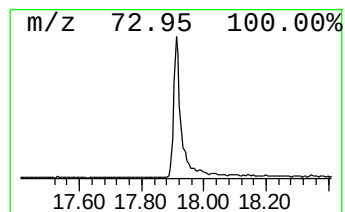
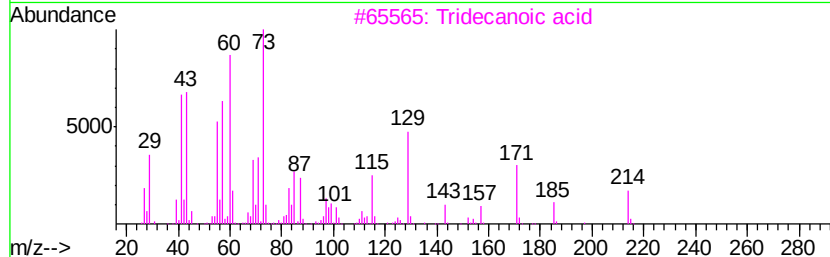
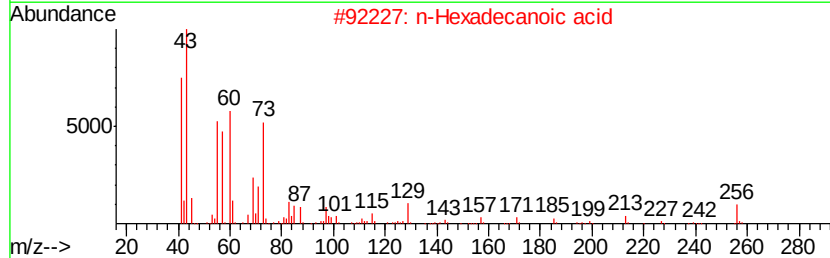
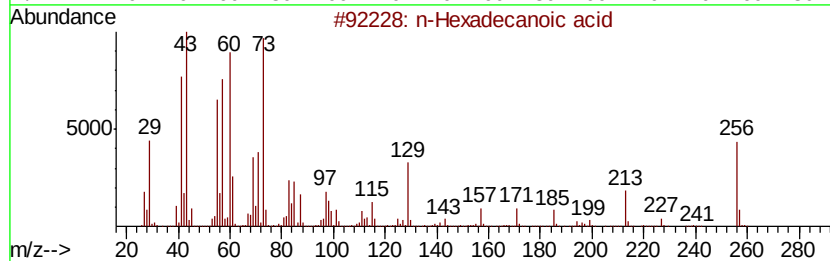
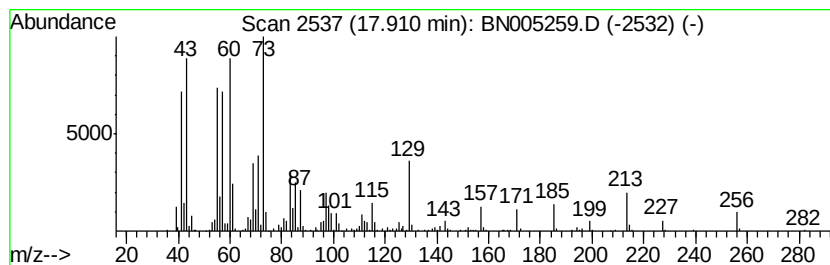
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	3.66 ng/ul	1117070	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	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	



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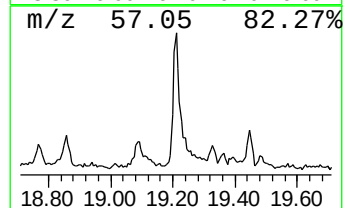
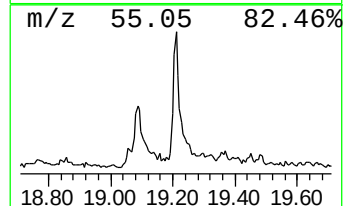
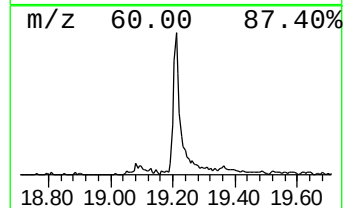
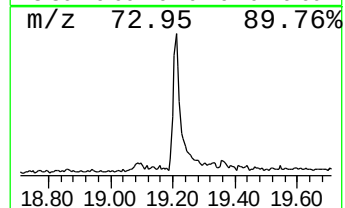
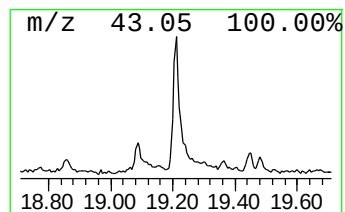
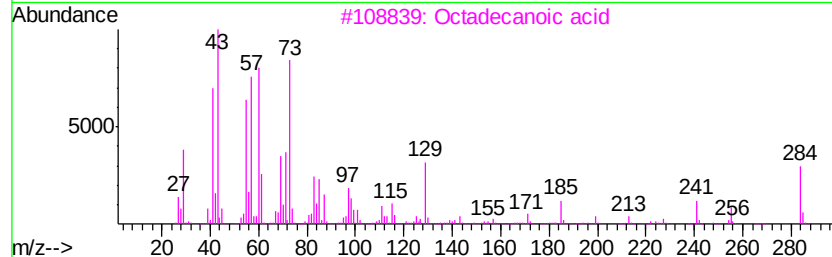
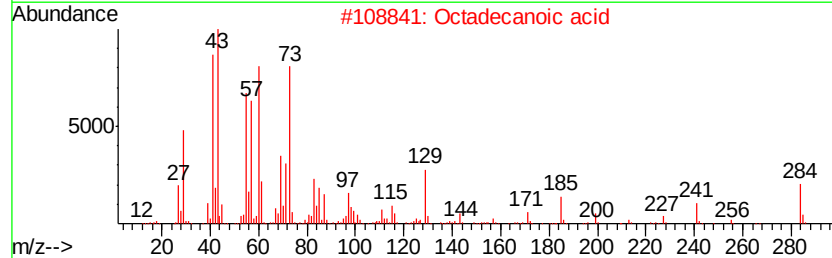
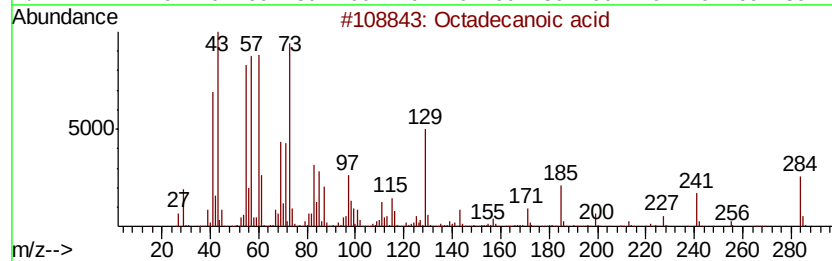
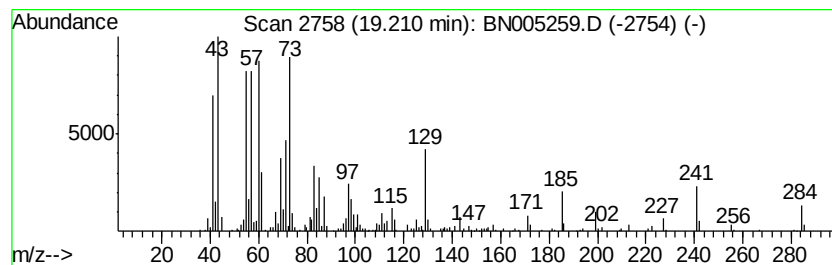
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.27 ng/ul	597309	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	94
4	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	90
5	Octadecanoic acid	284 C18H36O2	000057-11-4	78



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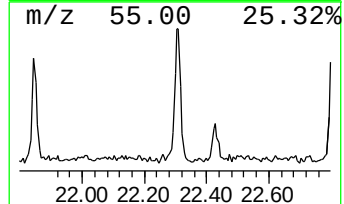
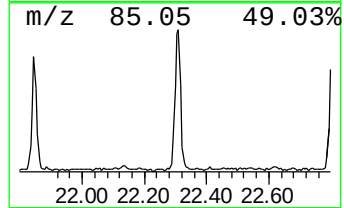
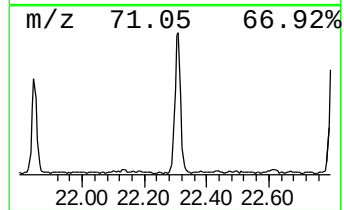
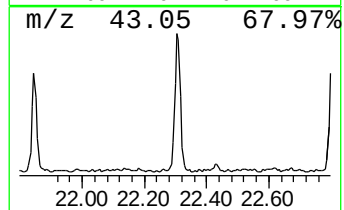
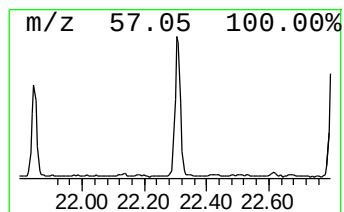
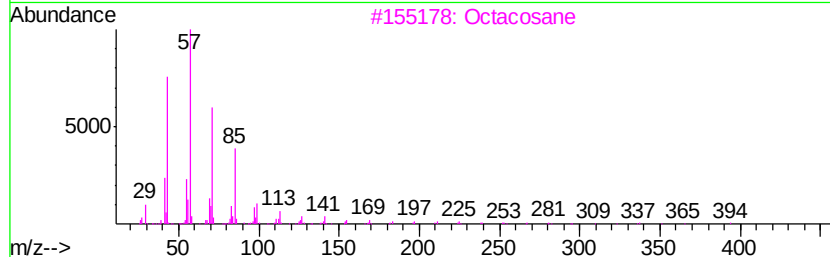
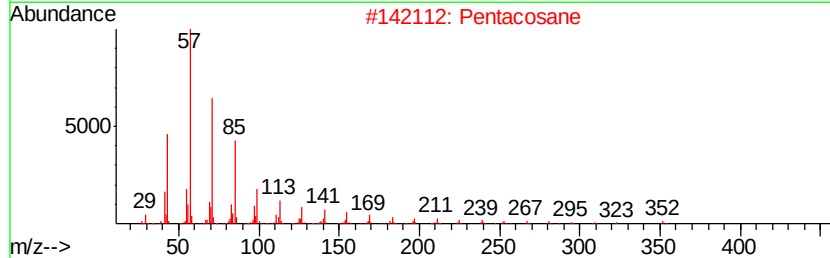
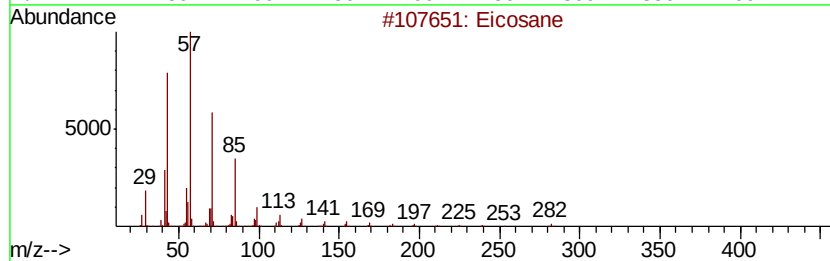
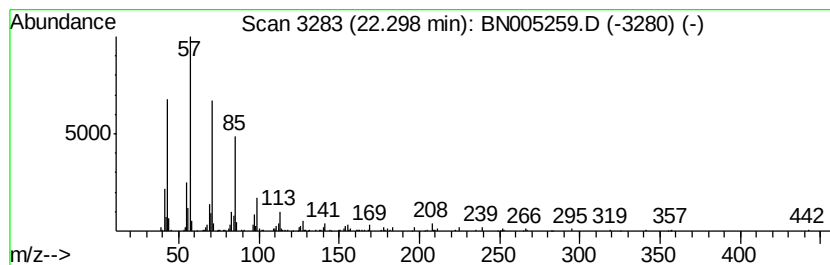
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.06 ng/ul	543425	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005259.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2456-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP3

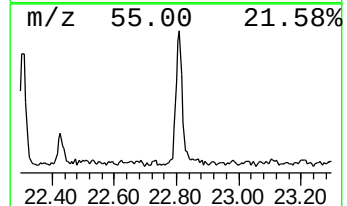
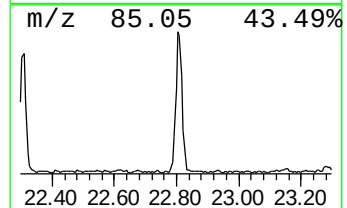
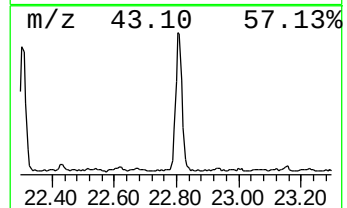
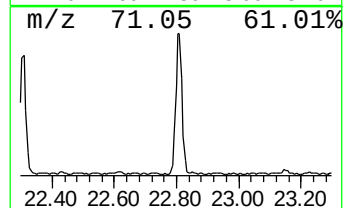
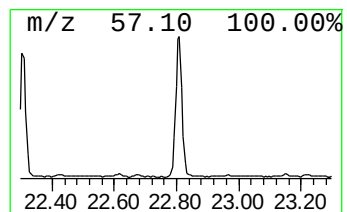
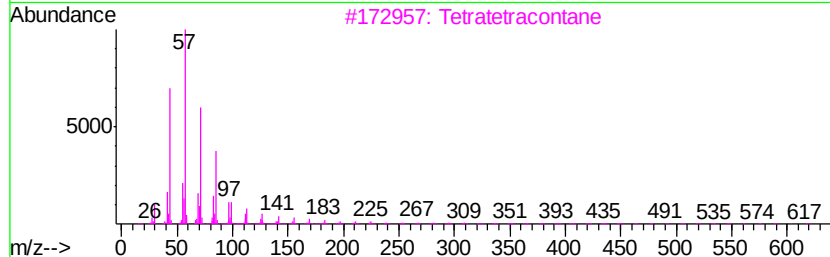
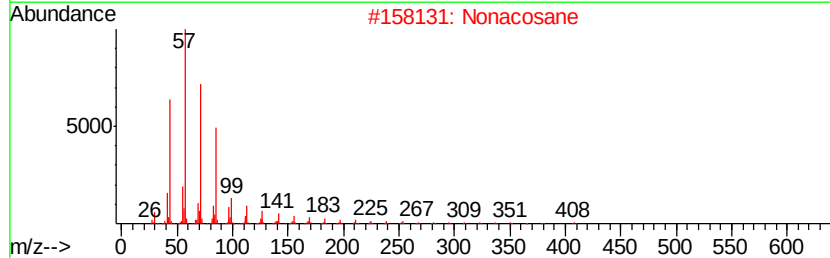
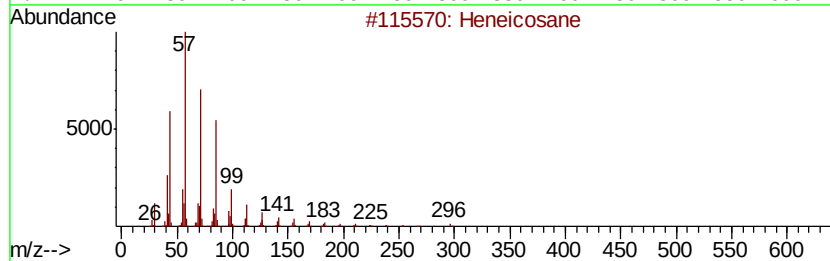
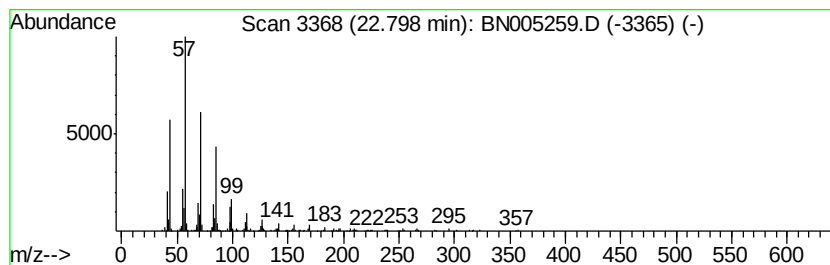
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.56 ng/ul	657843	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005259.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2456-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP3

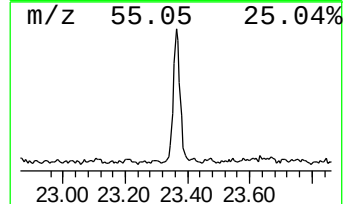
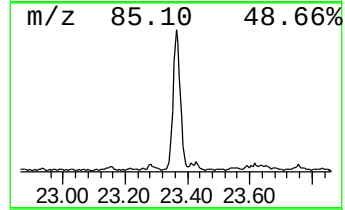
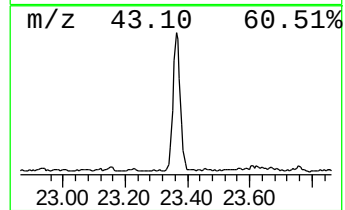
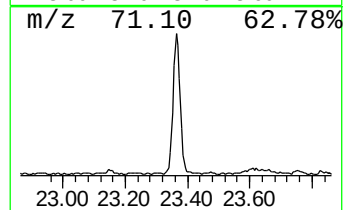
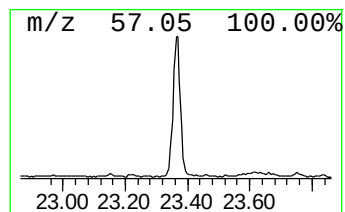
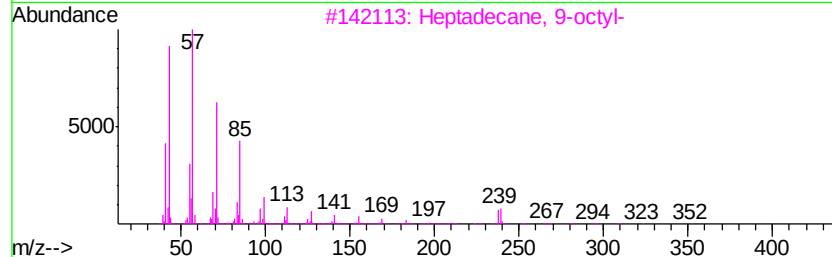
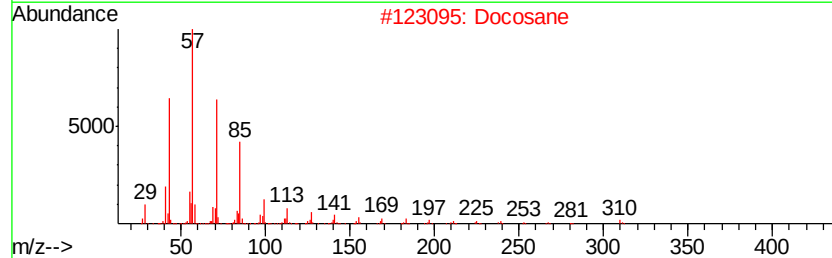
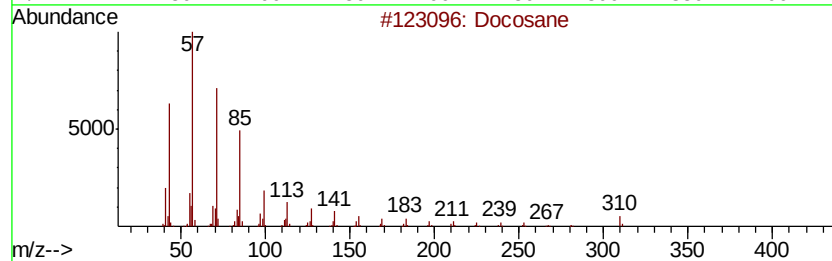
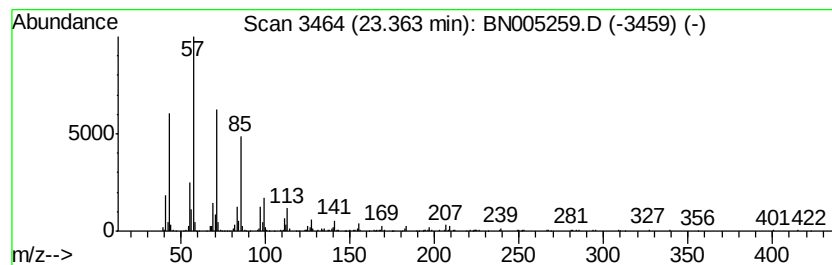
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Quant Title : SVOA CALIBRATION

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.
23.36	3.15 ng/ul	810861	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	97
2		Docosane	310	C22H46	000629-97-0	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005259.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2456-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP3

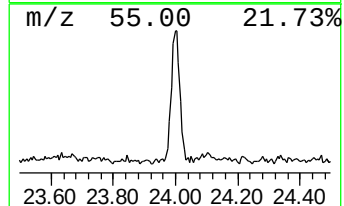
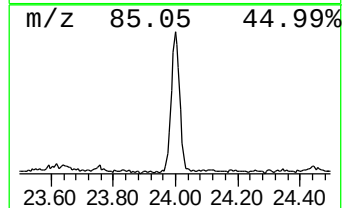
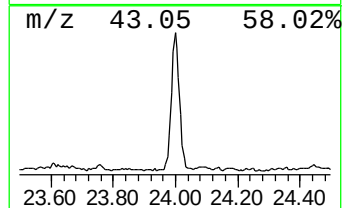
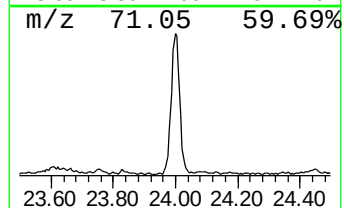
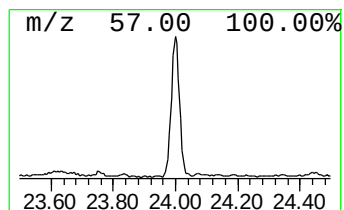
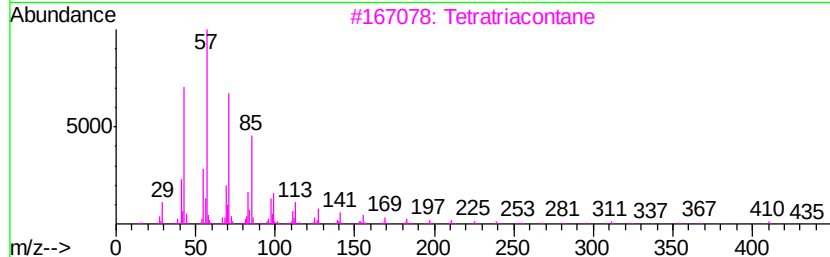
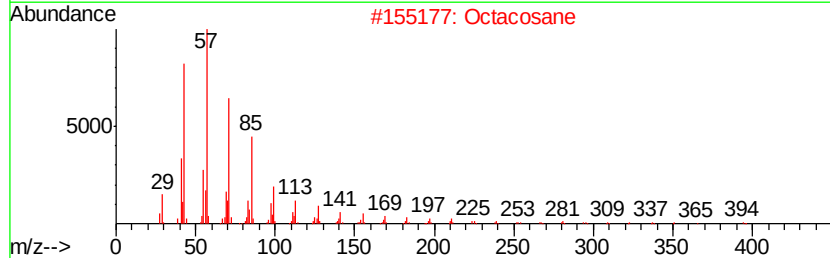
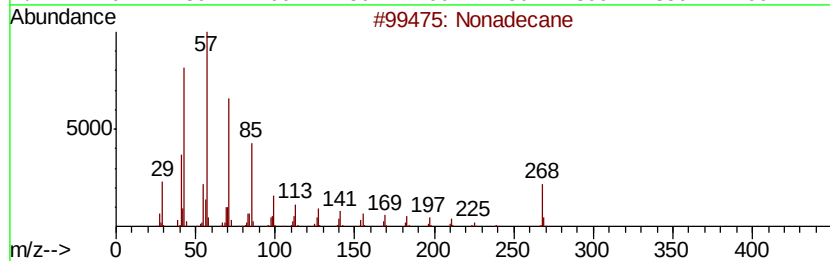
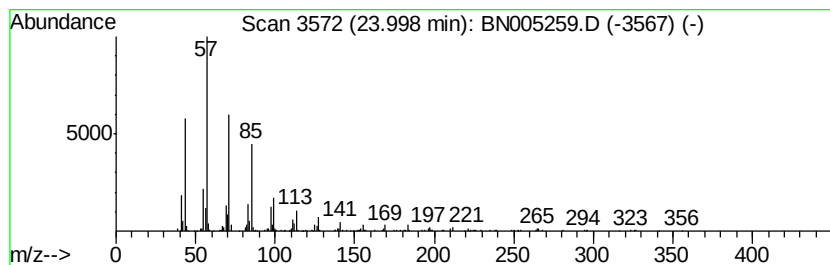
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Quant Title : SVOA CALIBRATION

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.
24.00	2.87 ng/ul	738339	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Docosane	310	C22H46	000629-97-0	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005259.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2456-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP3

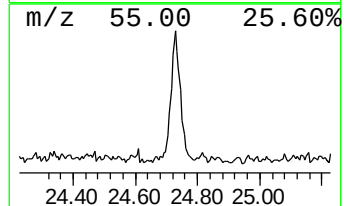
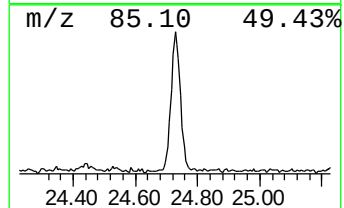
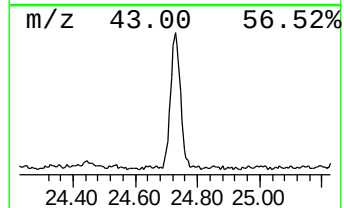
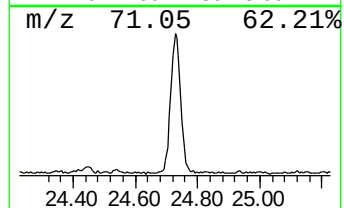
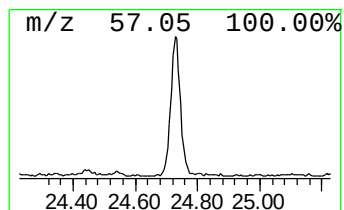
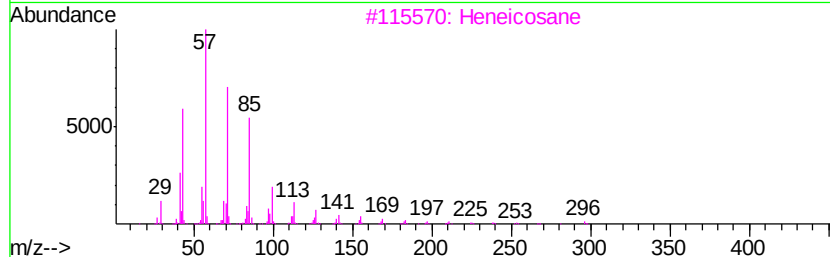
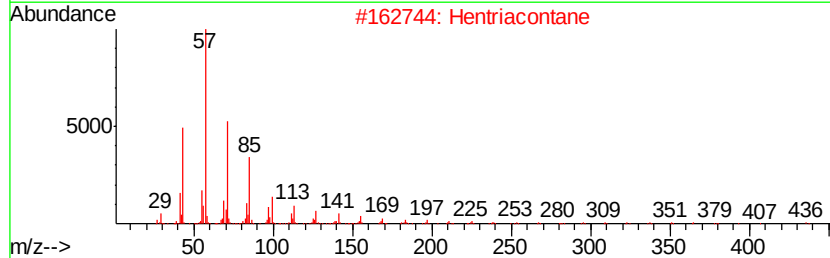
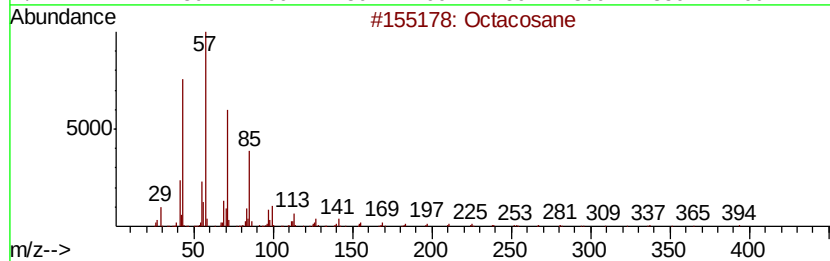
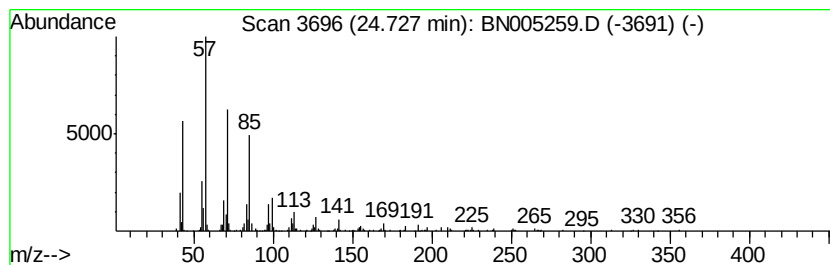
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.43 ng/ul	625834	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005259.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2456-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP3

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	3.7	ng/ul	1117070	4	16.98	6107010	20.0
Octadecanoic acid	19.21	2.3	ng/ul	597309	5	21.22	5270420	20.0
(DEL) Alkane: Str...	22.30	2.1	ng/ul	543425	5	21.22	5270420	20.0
(DEL) Alkane: Str...	22.80	2.6	ng/ul	657843	6	23.42	5146940	20.0
(DEL) Alkane: Str...	23.36	3.1	ng/ul	810861	6	23.42	5146940	20.0
(DEL) Alkane: Str...	24.00	2.9	ng/ul	738339	6	23.42	5146940	20.0
(DEL) Alkane: Str...	24.73	2.4	ng/ul	625834	6	23.42	5146940	20.0