

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005248.D
 Acq On : 24 Apr 2019 12:39
 Operator : JU/SJ
 Sample : K2403-03
 Misc :
 ALS Vial : 5 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	3.140	22	26	31	rBV5	7704	10744	0.11%	0.009%
2	3.211	34	38	46	rBV	120375	152077	1.60%	0.123%
3	3.469	79	82	92	rBV2	26408	39316	0.41%	0.032%
4	3.911	154	157	161	rVB2	13440	18198	0.19%	0.015%
5	4.781	301	305	312	rBV4	19421	29581	0.31%	0.024%
6	4.852	314	317	322	rVB4	7196	12334	0.13%	0.010%
7	5.728	461	466	471	rBV3	10941	15818	0.17%	0.013%
8	6.275	554	559	565	rVB5	11748	19947	0.21%	0.016%
9	6.769	635	643	657	rVB	2169631	3484164	36.61%	2.829%
10	6.940	665	672	683	rVB	1719757	2581382	27.12%	2.096%
11	7.128	696	704	719	rBV	2169464	3415725	35.89%	2.773%
12	7.593	776	783	790	rBV	1454119	2245435	23.59%	1.823%
13	7.663	790	795	803	rVB3	29403	44355	0.47%	0.036%
14	8.293	894	902	912	rBV	2809741	4420032	46.44%	3.589%
15	8.734	969	977	989	rBV	2240776	3503801	36.82%	2.845%
16	8.910	1002	1007	1013	rVB5	16533	27166	0.29%	0.022%
17	9.187	1047	1054	1061	rVB2	52328	78385	0.82%	0.064%
18	9.446	1091	1098	1111	rVB	1754406	2903880	30.51%	2.358%
19	9.981	1181	1189	1204	rBV	2791268	4652174	48.88%	3.777%
20	10.357	1243	1253	1261	rBV	2021408	3344888	35.15%	2.716%
21	10.493	1266	1276	1291	rBV	2791332	4619087	48.54%	3.750%
22	11.793	1493	1497	1503	rVB6	8965	16379	0.17%	0.013%
23	11.951	1519	1524	1532	rBV2	41971	70633	0.74%	0.057%
24	12.840	1672	1675	1679	rVB2	6105	9544	0.10%	0.008%
25	13.069	1710	1714	1719	rBV2	16751	23128	0.24%	0.019%
26	13.140	1721	1726	1730	rBV5	12674	18856	0.20%	0.015%
27	13.192	1730	1735	1738	rBV3	7685	9815	0.10%	0.008%
28	13.598	1798	1804	1806	rBV3	8583	14273	0.15%	0.012%
29	13.651	1806	1813	1817	rVV	4867017	6908586	72.59%	5.609%
30	13.692	1817	1820	1827	rVB	1532432	2108335	22.15%	1.712%
31	13.781	1832	1835	1841	rVB6	6151	11388	0.12%	0.009%
32	13.922	1851	1859	1870	rBV	5348469	8120219	85.32%	6.593%
33	14.157	1894	1899	1904	rBV3	17408	26198	0.28%	0.021%
34	14.228	1904	1911	1920	rBV2	2852389	4400998	46.24%	3.573%

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35	14.434	1939	1946	1962	rBV	1908592	2889538	30.36%	2.346%
36	14.669	1981	1986	1993	rBV8	12794	25068	0.26%	0.020%
37	14.898	2023	2025	2030	rVB4	12707	13289	0.14%	0.011%
38	15.063	2049	2053	2055	rBV3	8783	13101	0.14%	0.011%
39	15.122	2059	2063	2066	rVV	20066	25901	0.27%	0.021%
40	15.234	2075	2082	2096	rVB	6450249	9516968	100.00%	7.727%
41	15.351	2096	2102	2111	rBV	1265725	1794514	18.86%	1.457%
42	15.469	2117	2122	2127	rVB2	83297	122026	1.28%	0.099%
43	15.675	2155	2157	2161	rBV4	11325	11477	0.12%	0.009%
44	15.798	2174	2178	2180	rBV3	10273	13612	0.14%	0.011%
45	15.934	2194	2201	2206	rVB9	13196	27345	0.29%	0.022%
46	15.986	2206	2210	2212	rBV4	14566	19693	0.21%	0.016%
47	16.016	2212	2215	2222	rVB5	32104	53901	0.57%	0.044%
48	16.151	2235	2238	2242	rBV6	10181	11607	0.12%	0.009%
49	16.416	2276	2283	2292	rBV7	47154	114422	1.20%	0.093%
50	16.510	2296	2299	2302	rVV5	8797	11031	0.12%	0.009%
51	16.663	2323	2325	2329	rVB4	15270	17980	0.19%	0.015%
52	16.775	2341	2344	2348	rBV3	18258	20797	0.22%	0.017%
53	16.986	2374	2380	2388	rBV	3385062	4759279	50.01%	3.864%
54	17.086	2390	2397	2407	rVV	6693987	9449732	99.29%	7.672%
55	17.186	2411	2414	2420	rVV4	30042	48722	0.51%	0.040%
56	17.251	2420	2425	2428	rBV7	18462	34585	0.36%	0.028%
57	17.316	2431	2436	2439	rBV6	14814	24676	0.26%	0.020%
58	17.410	2447	2452	2454	rBV5	17519	30012	0.32%	0.024%
59	17.786	2512	2516	2528	rBV6	88689	219828	2.31%	0.178%
60	17.916	2533	2538	2555	rBV	1497134	2516258	26.44%	2.043%
61	18.210	2586	2588	2589	rBV2	23420	17750	0.19%	0.014%
62	18.475	2630	2633	2637	rBV6	26432	45131	0.47%	0.037%
63	18.686	2667	2669	2674	rBV5	26405	37802	0.40%	0.031%
64	18.863	2696	2699	2703	rBV2	56135	73923	0.78%	0.060%
65	19.027	2723	2727	2731	rBV	79096	131962	1.39%	0.107%
66	19.092	2731	2738	2748	rVV2	226868	579663	6.09%	0.471%
67	19.216	2755	2759	2767	rBV	882165	1370404	14.40%	1.113%
68	19.398	2785	2790	2796	rVB	6570777	8954058	94.09%	7.270%
69	19.451	2796	2799	2803	rVB2	62981	76864	0.81%	0.062%
70	19.992	2888	2891	2895	rBV	108537	136933	1.44%	0.111%
71	20.369	2951	2955	2968	rVB	874814	1113200	11.70%	0.904%

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72	20.498	2975	2977	2981	rVB	152201	147350	1.55%	0.120%
73	20.969	3053	3057	3072	rVB2	521938	898760	9.44%	0.730%
74	21.169	3088	3091	3095	rVB	253562	274690	2.89%	0.223%
75	21.221	3095	3100	3106	rBV	2895961	3711763	39.00%	3.014%
76	21.363	3121	3124	3129	rVB4	106030	128893	1.35%	0.105%
77	21.421	3131	3134	3142	rVB	274972	335160	3.52%	0.272%
78	21.863	3205	3209	3219	rBV	337828	464107	4.88%	0.377%
79	22.321	3284	3287	3293	rVB	358740	485280	5.10%	0.394%
80	22.451	3304	3309	3315	rVB	927044	1257030	13.21%	1.021%
81	22.827	3369	3373	3379	rVB	419443	585526	6.15%	0.475%
82	23.304	3446	3454	3462	rBV	4242696	7692528	80.83%	6.246%
83	23.392	3464	3469	3471	rVV	371845	606327	6.37%	0.492%
84	23.439	3471	3477	3485	rVB	2027533	3734628	39.24%	3.032%
85	24.021	3572	3576	3584	rVB	334774	610451	6.41%	0.496%
86	24.757	3696	3701	3710	rVB2	275313	554548	5.83%	0.450%

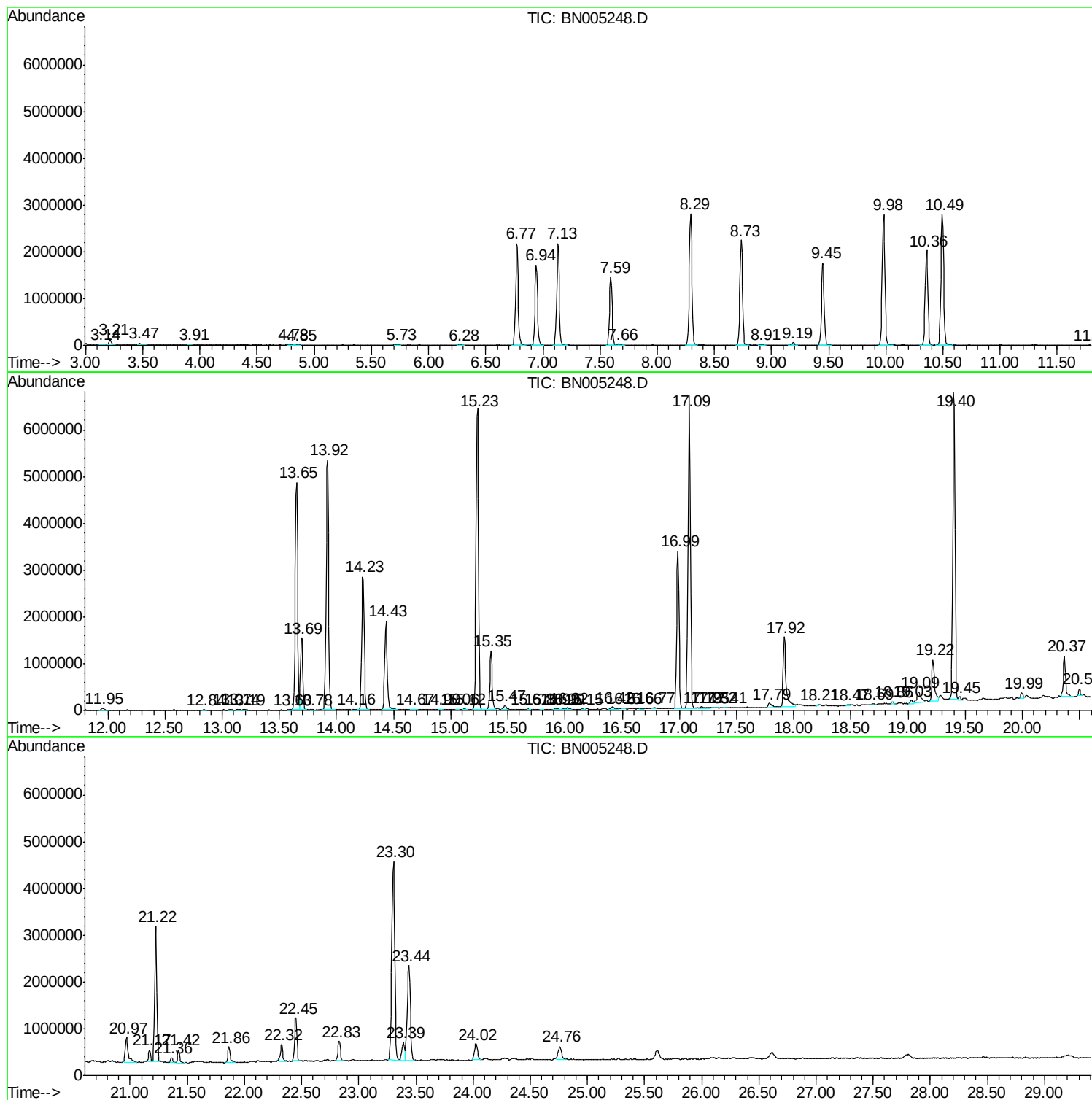
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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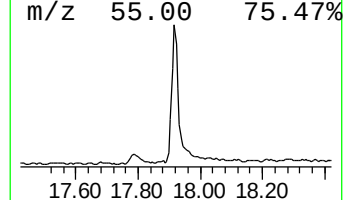
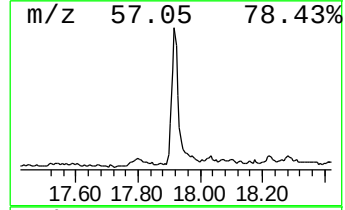
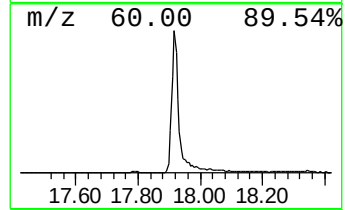
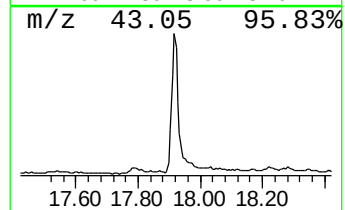
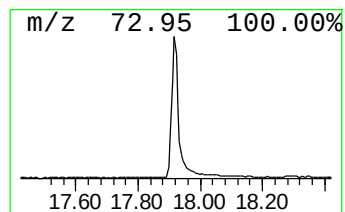
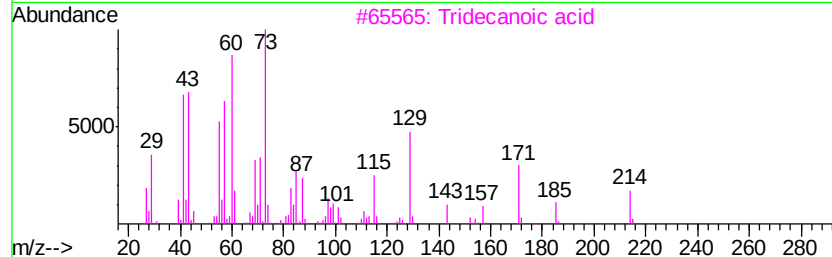
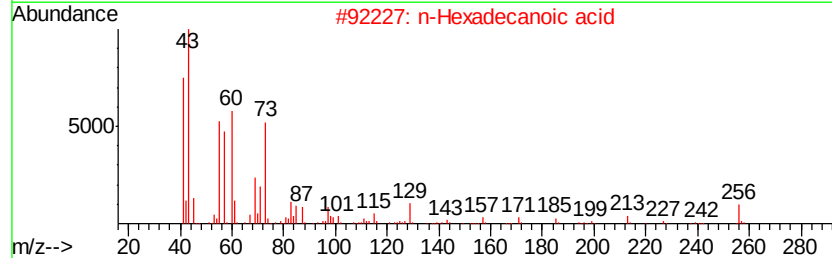
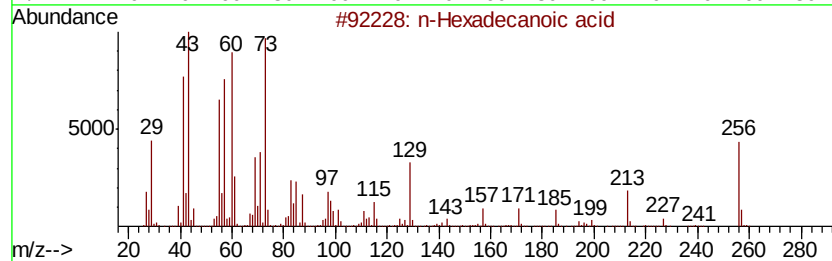
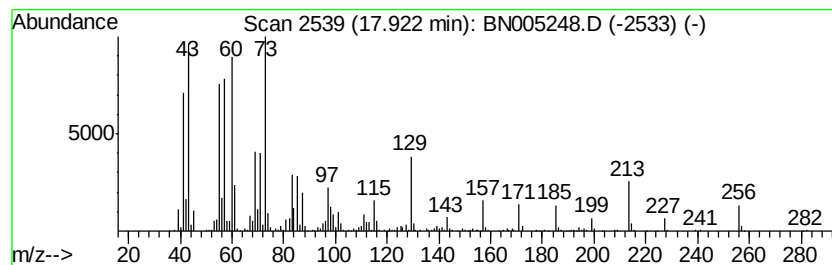
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	10.57 ng/ul	2516260	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	Tridecanoic acid	214	C13H26O2	000638-53-9 95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8 93
5	Tridecanoic acid	214	C13H26O2	000638-53-9 86



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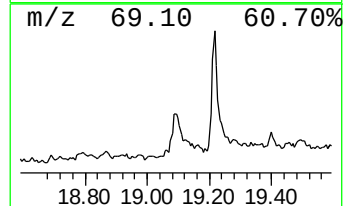
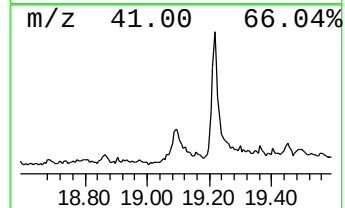
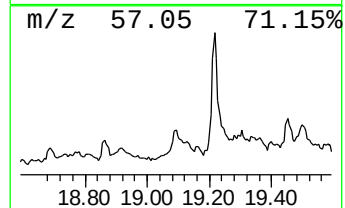
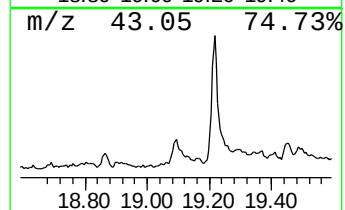
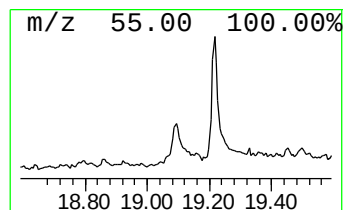
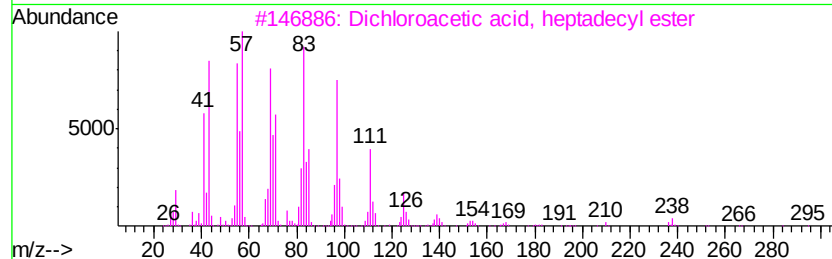
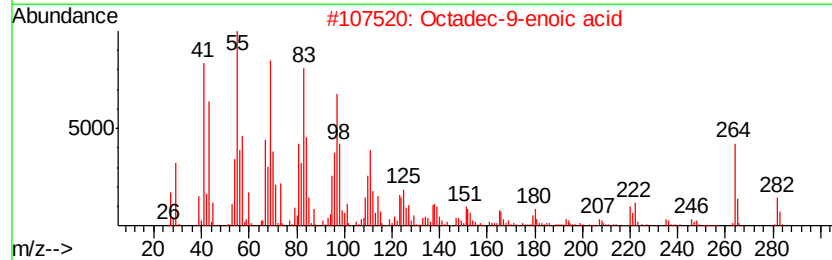
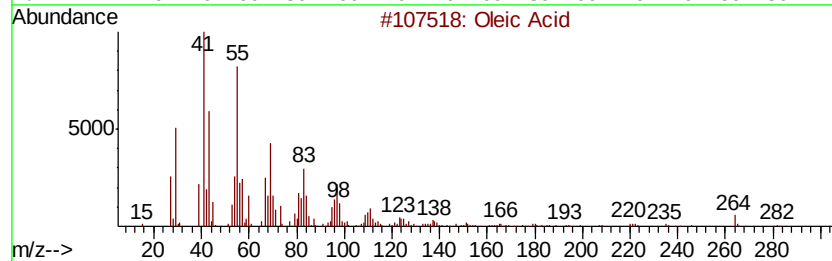
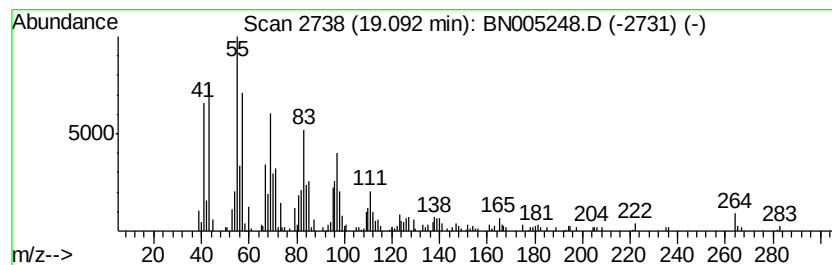
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Oleic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.44 ng/ul	579663	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oleic Acid	282 C18H34O2	000112-80-1	96
2	Octadec-9-enoic acid	282 C18H34O2	1000190-13-7	83
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	76
4	Acetic acid, chloro-, octadecyl ...	346 C20H39ClO2	005348-82-3	76
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	70



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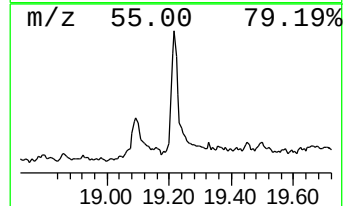
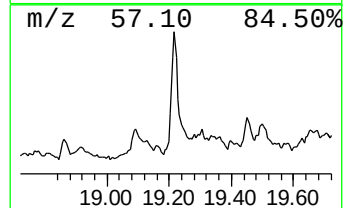
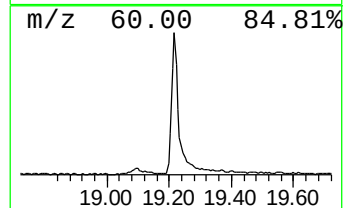
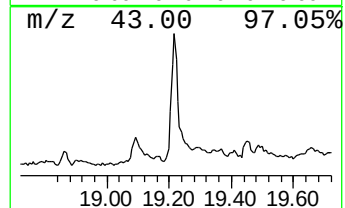
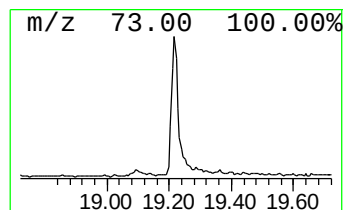
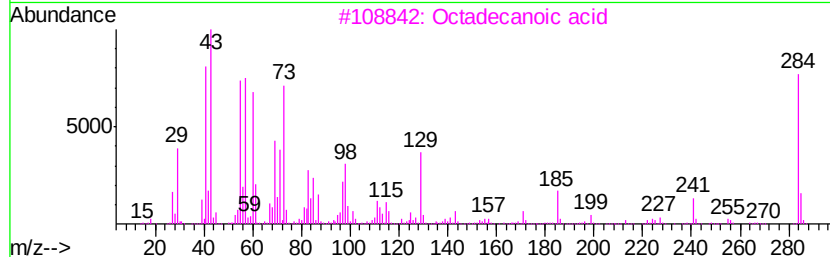
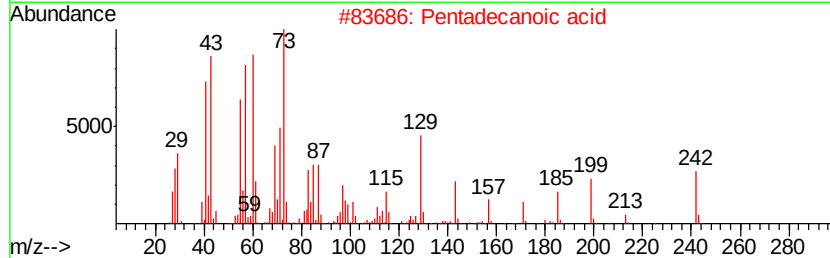
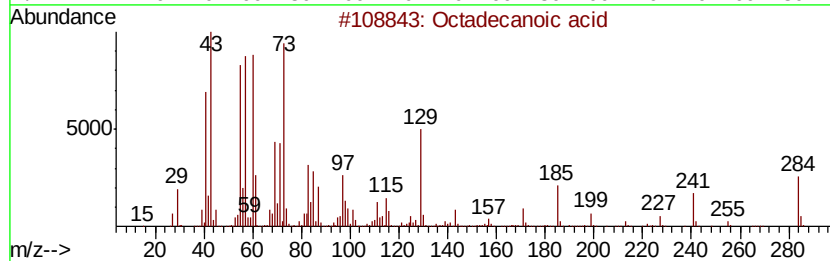
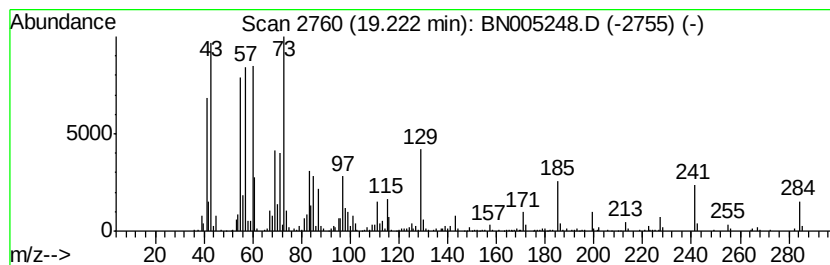
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	7.38 ng/ul	1370400	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242 C15H30O2	001002-84-2	93
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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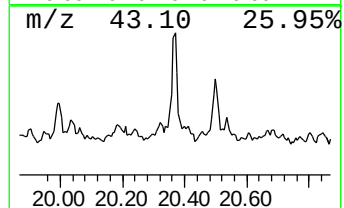
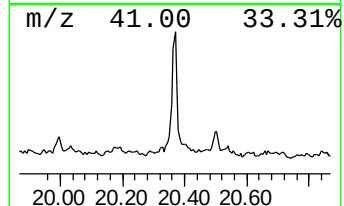
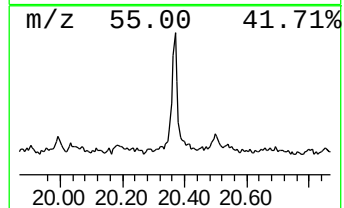
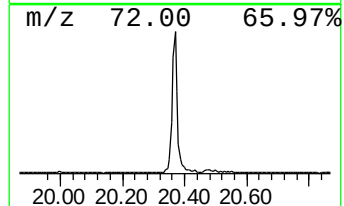
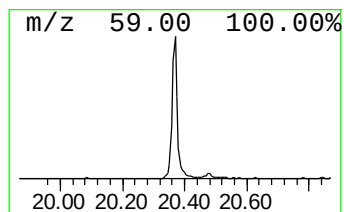
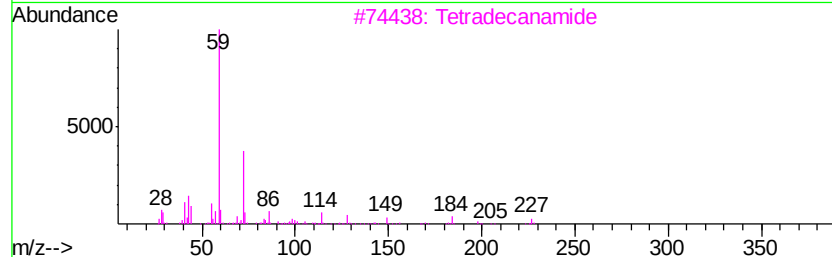
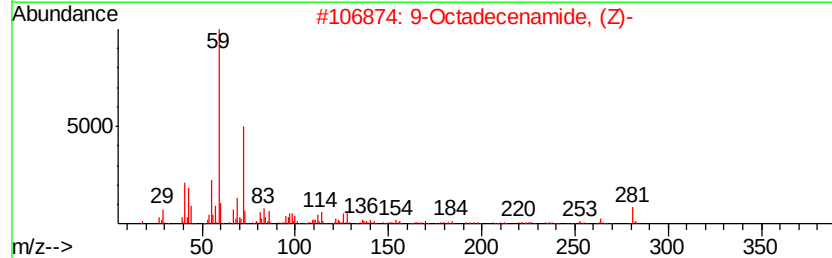
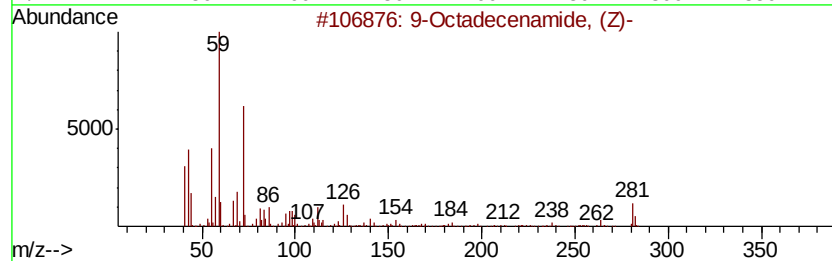
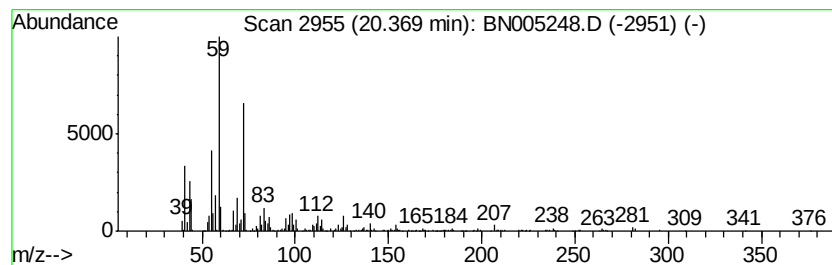
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	6.00 ng/ul	1113200	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
3		Tetradecanamide	227	C14H29NO	000638-58-4	78
4		Tetradecanamide	227	C14H29NO	000638-58-4	78
5		Octanamide	143	C8H17NO	000629-01-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005248.D
Acq On : 24 Apr 2019 12:39
Operator : JU/SJ
Sample : K2403-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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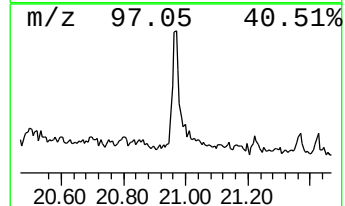
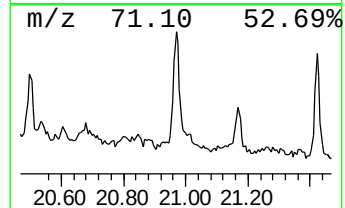
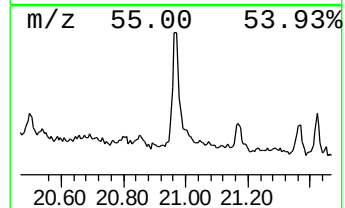
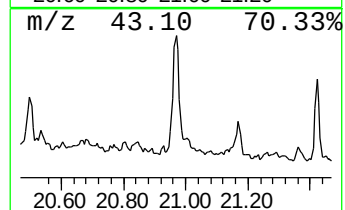
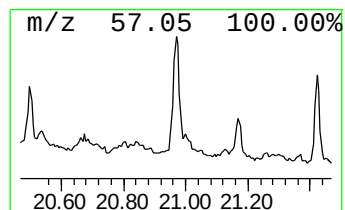
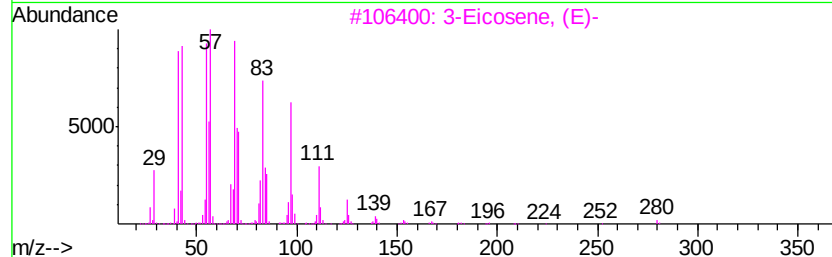
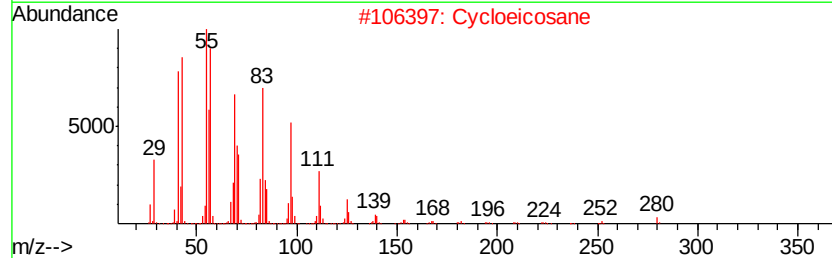
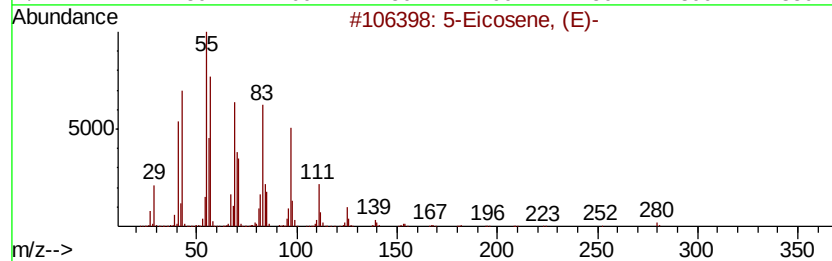
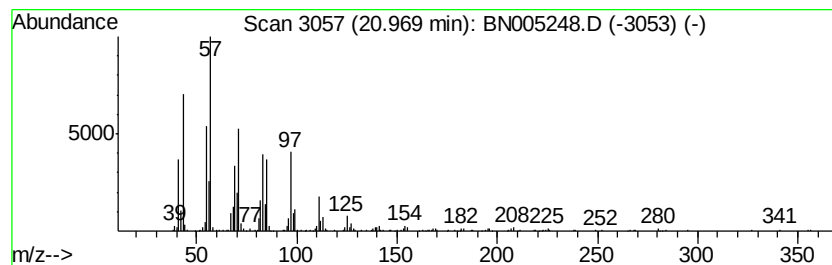
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.84 ng/ul	898760	Chrysene-d12	21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	96
2	Cycloeicosane		280	C20H40	000296-56-0	90
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	86
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	78
5	Cyclotetradecane		196	C14H28	000295-17-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005248.D
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Sample : K2403-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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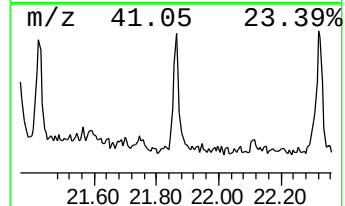
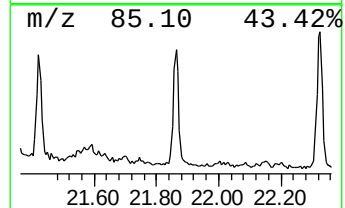
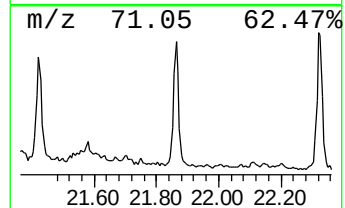
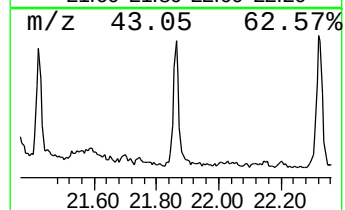
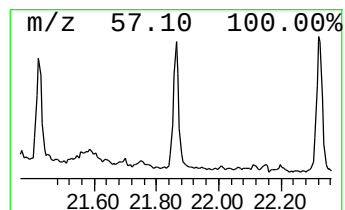
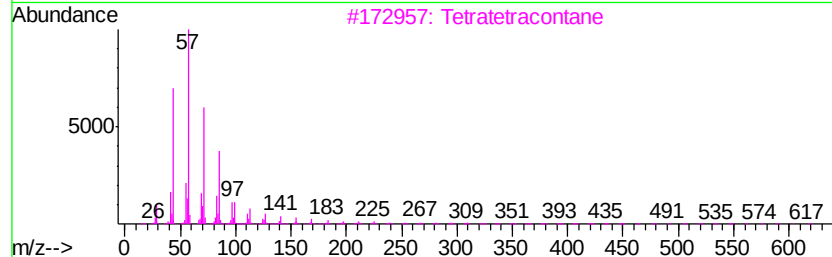
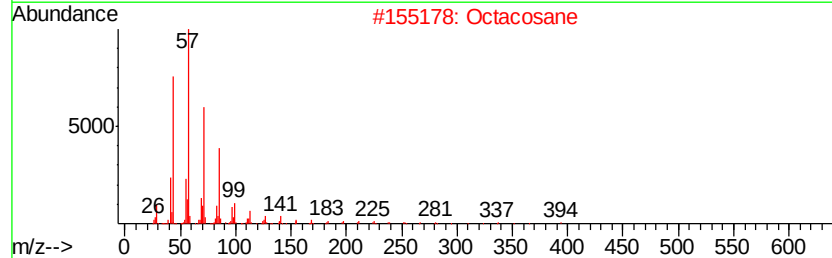
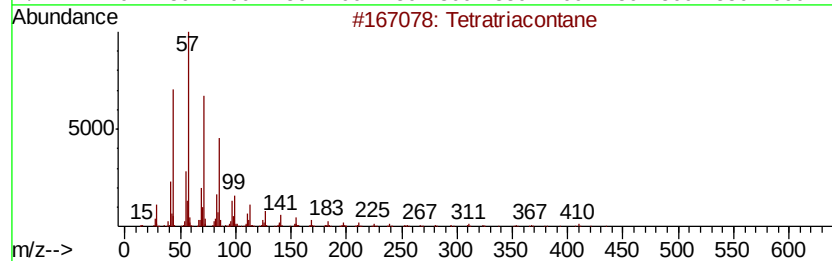
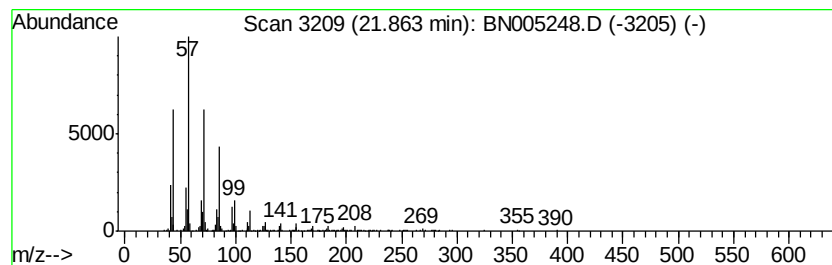
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.50 ng/ul	464107	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005248.D
Acq On : 24 Apr 2019 12:39
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Sample : K2403-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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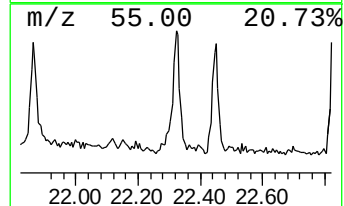
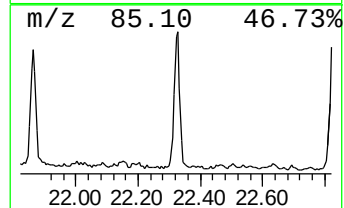
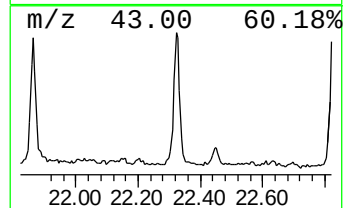
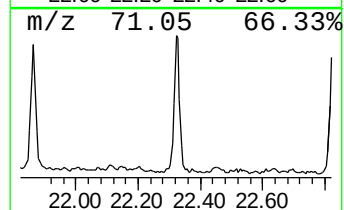
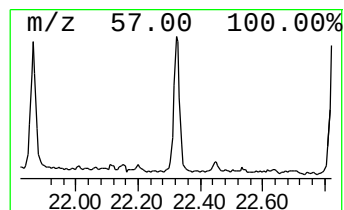
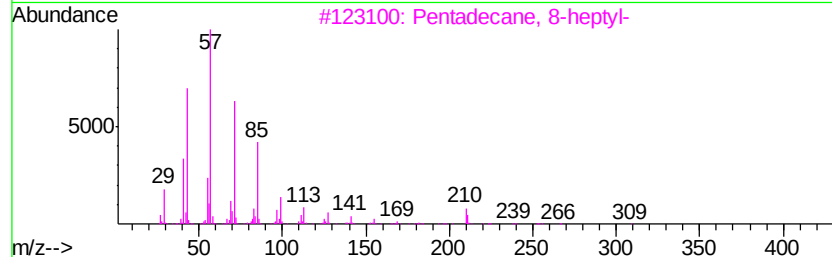
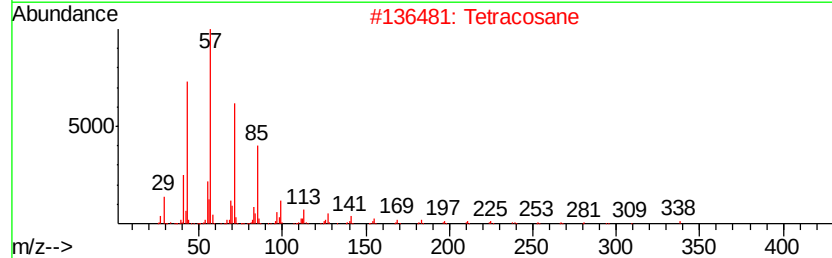
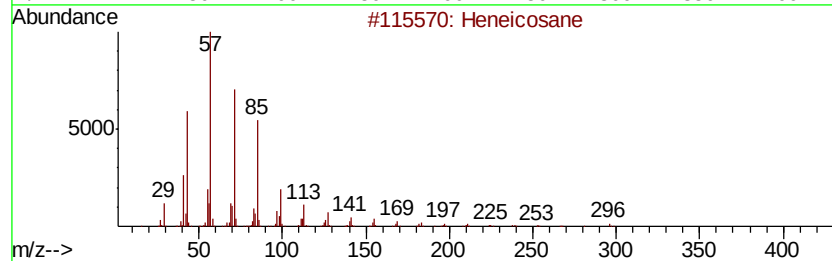
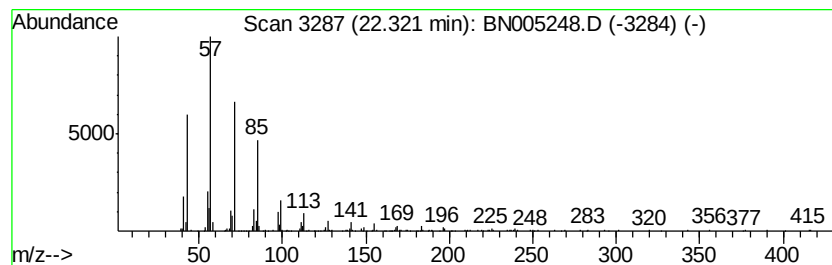
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.61 ng/ul	485280	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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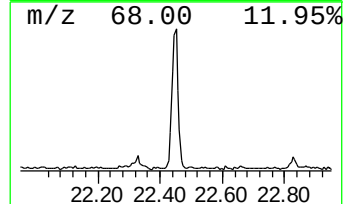
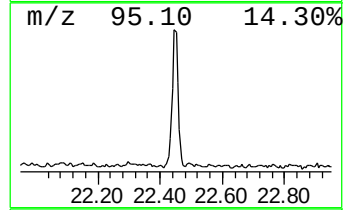
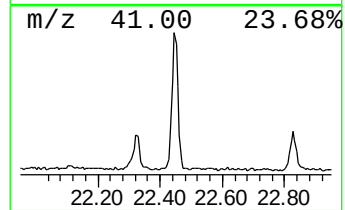
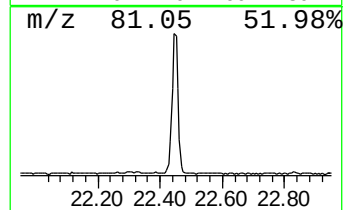
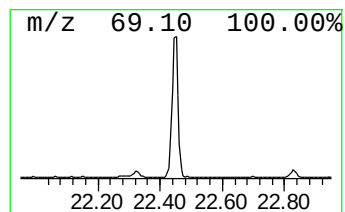
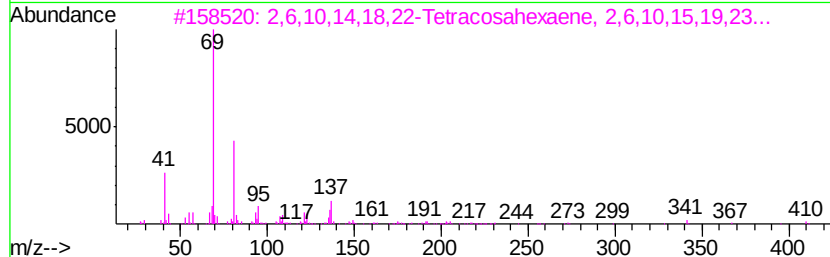
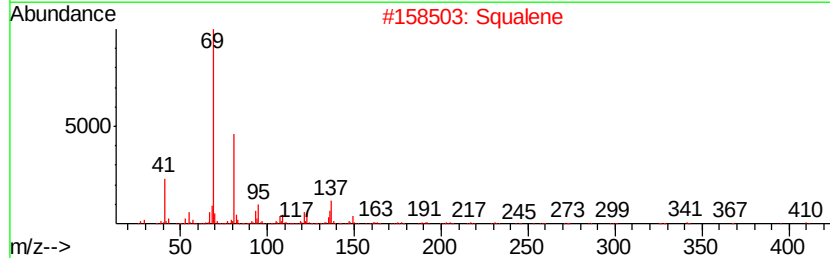
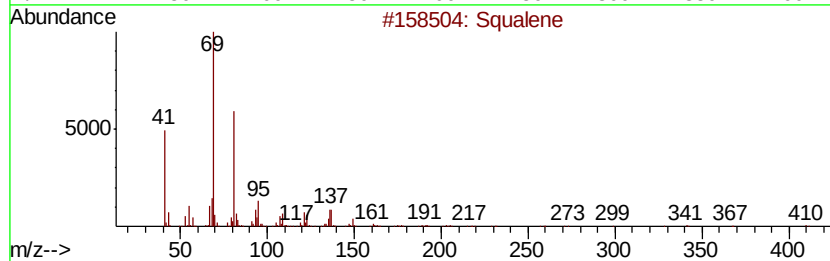
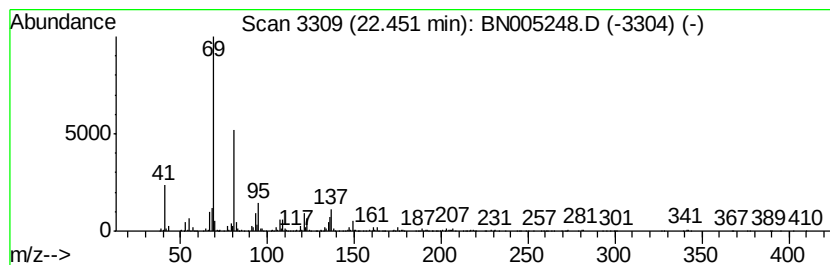
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	6.73 ng/ul	1257030	Perylene-d12	23.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	Squalene	410 C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
4	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	90
5	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	64



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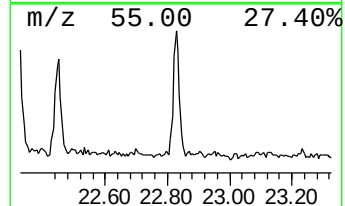
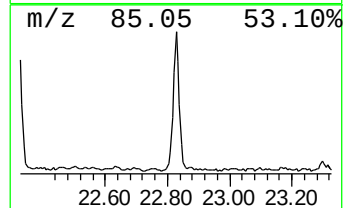
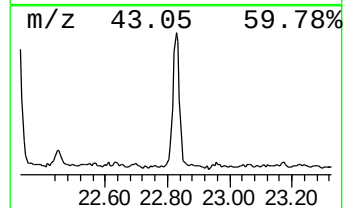
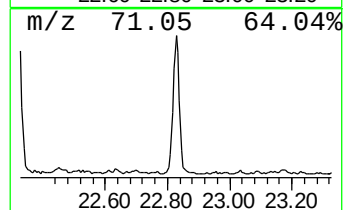
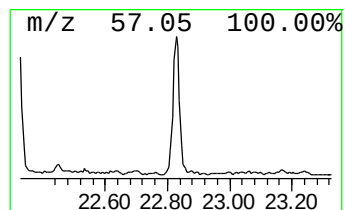
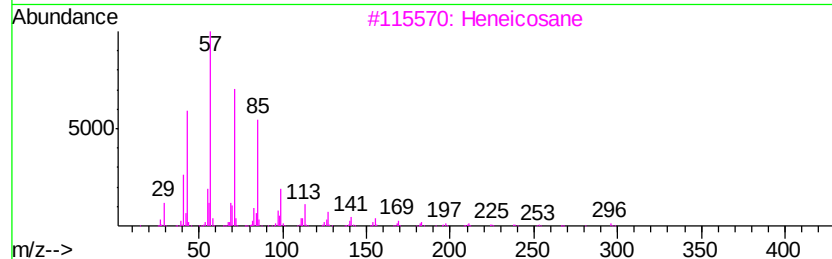
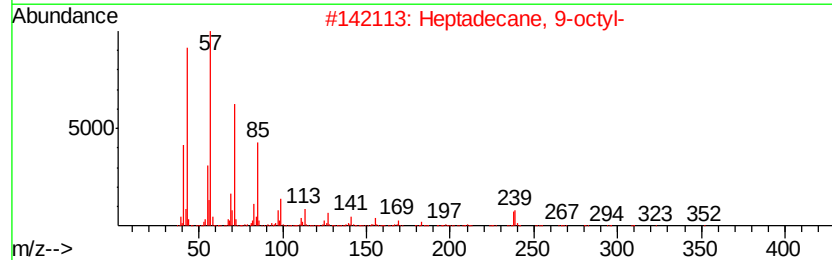
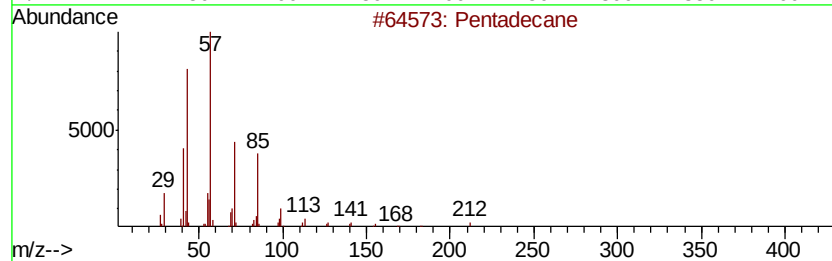
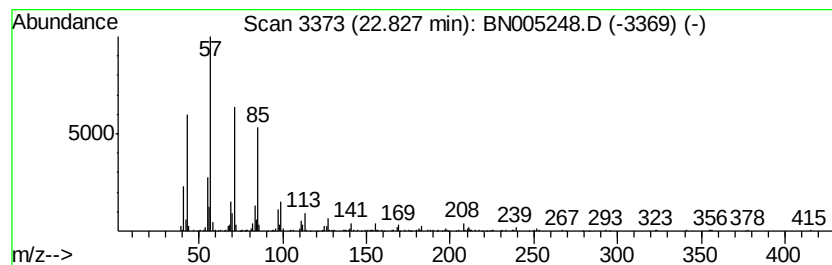
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.14 ng/ul	585526	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



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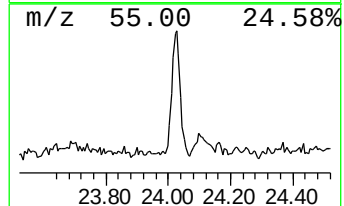
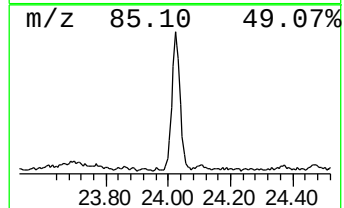
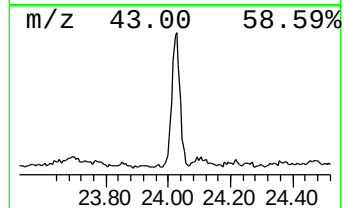
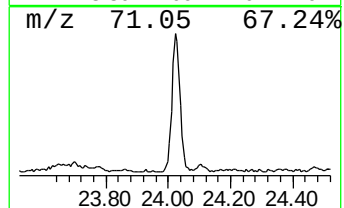
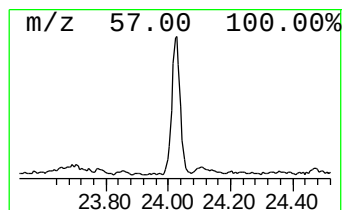
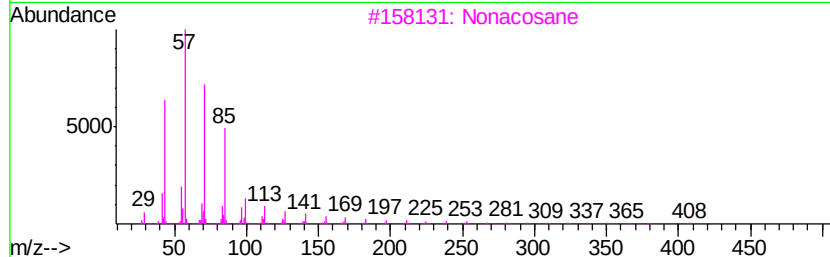
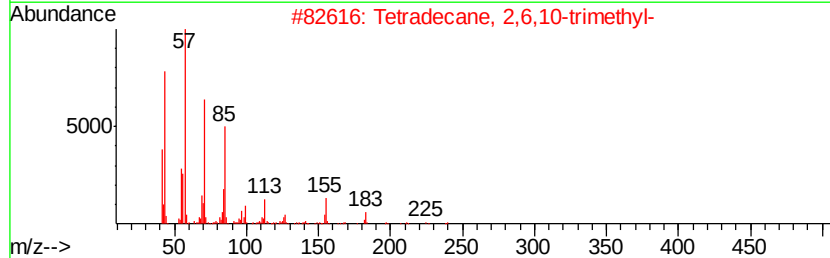
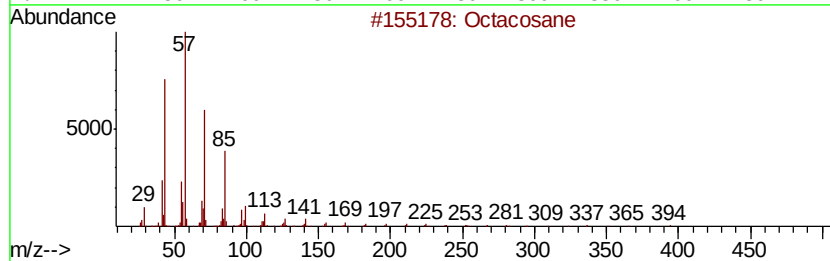
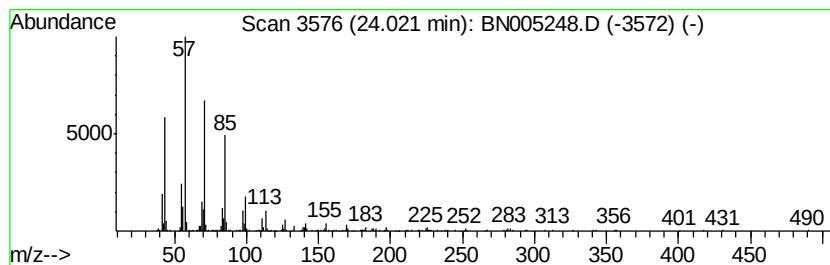
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.27 ng/ul	610451	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



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ALS Vial : 5 Sample Multiplier: 1

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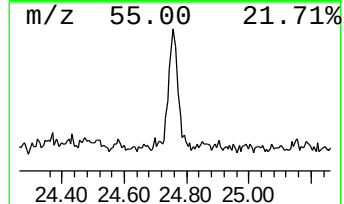
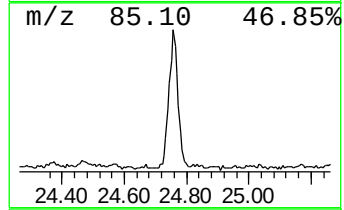
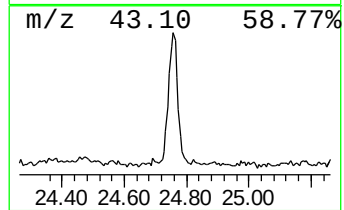
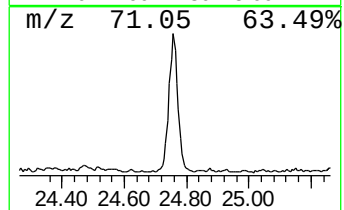
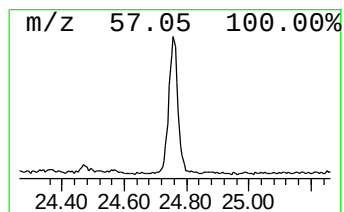
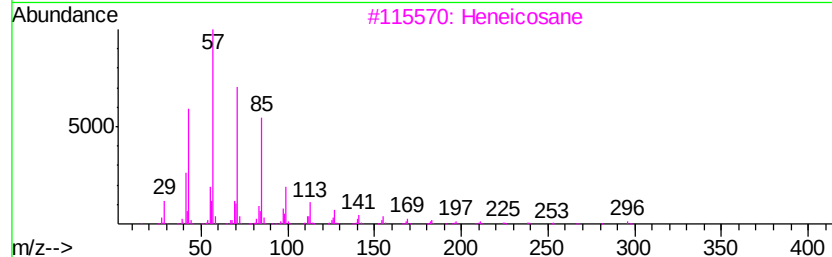
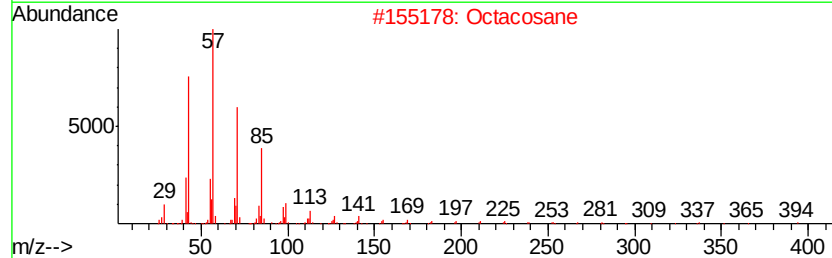
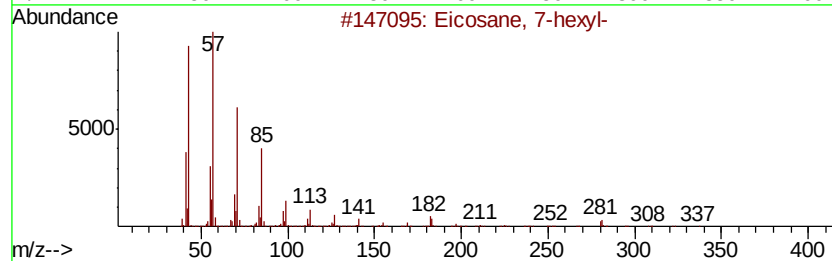
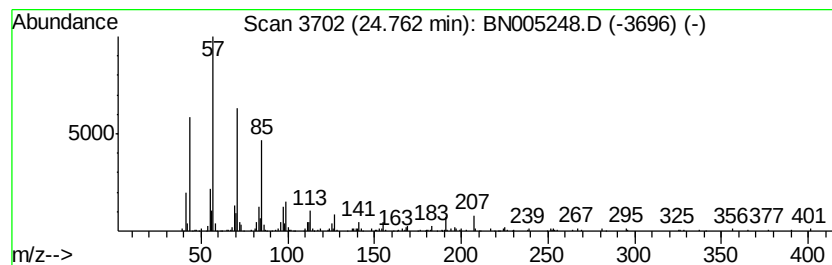
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.97 ng/ul	554548	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005248.D
Acq On : 24 Apr 2019 12:39
Operator : JU/SJ
Sample : K2403-03
Misc :
ALS Vial : 5 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	10.6	ng/ul	2516260	4	16.99	4759280	20.0
Oleic Acid	19.09	2.4	ng/ul	579663	4	16.99	4759280	20.0
Octadecanoic acid	19.22	7.4	ng/ul	1370400	5	21.22	3711760	20.0
9-Octadecenamamide,...	20.37	6.0	ng/ul	1113200	5	21.22	3711760	20.0
(DEL) Alkane: Cyc...	20.97	4.8	ng/ul	898760	5	21.22	3711760	20.0
(DEL) Alkane: Str...	21.86	2.5	ng/ul	464107	5	21.22	3711760	20.0
(DEL) Alkane: Str...	22.32	2.6	ng/ul	485280	5	21.22	3711760	20.0
Squalene	22.45	6.7	ng/ul	1257030	6	23.44	3734630	20.0
(DEL) Alkane: Str...	22.83	3.1	ng/ul	585526	6	23.44	3734630	20.0
(DEL) Alkane: Str...	24.02	3.3	ng/ul	610451	6	23.44	3734630	20.0
(DEL) Alkane: Str...	24.76	3.0	ng/ul	554548	6	23.44	3734630	20.0