

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005605.D
 Acq On : 11 May 2019 00:51
 Operator : JU/SJ
 Sample : K2613-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE4

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	3.205	34	37	43	rVB2	26723	35232	0.96%	0.087%
2	6.769	636	643	657	rBV	493359	902495	24.51%	2.226%
3	6.928	664	670	679	rBV	402125	655548	17.80%	1.617%
4	7.122	696	703	712	rBV	529513	904199	24.56%	2.230%
5	7.222	718	720	724	rBV3	4989	5527	0.15%	0.014%
6	7.581	775	781	790	rVB	431886	716943	19.47%	1.768%
7	8.281	894	900	914	rBV	665923	1147997	31.18%	2.832%
8	8.722	968	975	986	rBV	535080	935856	25.42%	2.308%
9	9.158	1045	1049	1053	rBV2	14132	18832	0.51%	0.046%
10	9.440	1091	1097	1106	rBV	448875	797644	21.66%	1.968%
11	9.975	1180	1188	1201	rBV	654744	1210196	32.87%	2.985%
12	10.340	1243	1250	1257	rBV	639396	1041706	28.29%	2.570%
13	10.481	1267	1274	1295	rBV	581087	1220712	33.15%	3.011%
14	11.481	1437	1444	1447	rBV4	4513	11439	0.31%	0.028%
15	11.504	1447	1448	1454	rVB3	3558	5010	0.14%	0.012%
16	11.916	1512	1518	1521	rVB3	3734	6059	0.16%	0.015%
17	11.969	1521	1527	1535	rVB3	7172	15888	0.43%	0.039%
18	13.634	1803	1810	1814	rBV	1295769	1865421	50.66%	4.601%
19	13.681	1814	1818	1826	rVV	394301	581494	15.79%	1.434%
20	13.904	1849	1856	1869	rBV	1551097	2282299	61.98%	5.630%
21	14.140	1892	1896	1901	rVB3	3380	4764	0.13%	0.012%
22	14.216	1903	1909	1918	rVV2	949219	1424615	38.69%	3.514%
23	14.440	1941	1947	1970	rBV	330974	780226	21.19%	1.925%
24	15.093	2054	2058	2061	rBV2	5329	5199	0.14%	0.013%
25	15.216	2072	2079	2089	rBV	1912838	2786507	75.67%	6.873%
26	15.363	2098	2104	2117	rBV	398047	685008	18.60%	1.690%
27	15.457	2117	2120	2127	rVB2	24012	32625	0.89%	0.080%
28	15.963	2202	2206	2209	rVB4	3387	4906	0.13%	0.012%
29	16.010	2209	2214	2217	rBV4	6888	10120	0.27%	0.025%
30	16.763	2337	2342	2346	rBV4	6252	11176	0.30%	0.028%
31	16.898	2361	2365	2368	rBV3	2257	3995	0.11%	0.010%
32	16.969	2371	2377	2388	rVV2	1225598	1751410	47.56%	4.320%
33	17.069	2388	2394	2408	rVV2	2019121	3064889	83.23%	7.560%
34	17.387	2443	2448	2451	rVV3	2718	5404	0.15%	0.013%

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35	17.887	2529	2533	2541	rBV2	108905	202166	5.49%	0.499%
36	18.181	2579	2583	2587	rVB6	4130	6083	0.17%	0.015%
37	18.604	2652	2655	2656	rVB3	4435	3716	0.10%	0.009%
38	18.775	2679	2684	2686	rBV5	3462	4815	0.13%	0.012%
39	18.828	2691	2693	2696	rBV3	6016	5464	0.15%	0.013%
40	18.945	2710	2713	2715	rBV2	3688	3749	0.10%	0.009%
41	19.022	2722	2726	2733	rBV	20630	38188	1.04%	0.094%
42	19.186	2750	2754	2764	rBV6	45442	93325	2.53%	0.230%
43	19.269	2764	2768	2773	rVV	24800	36463	0.99%	0.090%
44	19.310	2773	2775	2777	rVV3	4165	4238	0.12%	0.010%
45	19.386	2781	2788	2797	rVV	2573020	3682248	100.00%	9.083%
46	19.457	2797	2800	2808	rVB6	14142	22122	0.60%	0.055%
47	19.963	2882	2886	2890	rVB2	19336	22813	0.62%	0.056%
48	20.322	2944	2947	2955	rVB6	19322	27816	0.76%	0.069%
49	20.463	2967	2971	2975	rBV2	47385	54628	1.48%	0.135%
50	20.933	3046	3051	3058	rBV	122401	183307	4.98%	0.452%
51	21.198	3091	3096	3107	rBV2	1456228	2053713	55.77%	5.066%
52	21.369	3122	3125	3130	rBV	208279	231403	6.28%	0.571%
53	21.804	3194	3199	3203	rBV	365398	426425	11.58%	1.052%
54	22.257	3271	3276	3286	rVB	491274	648919	17.62%	1.601%
55	22.380	3292	3297	3302	rVB	215634	283479	7.70%	0.699%
56	22.751	3355	3360	3366	rVB	540375	722658	19.63%	1.783%
57	23.257	3439	3446	3451	rBV2	1882666	3295390	89.49%	8.129%
58	23.304	3451	3454	3461	rVV	502596	732092	19.88%	1.806%
59	23.398	3463	3470	3482	rVB	948355	1858123	50.46%	4.583%
60	23.927	3554	3560	3570	rVB2	316464	591343	16.06%	1.459%
61	24.645	3676	3682	3690	rBV	171581	374634	10.17%	0.924%

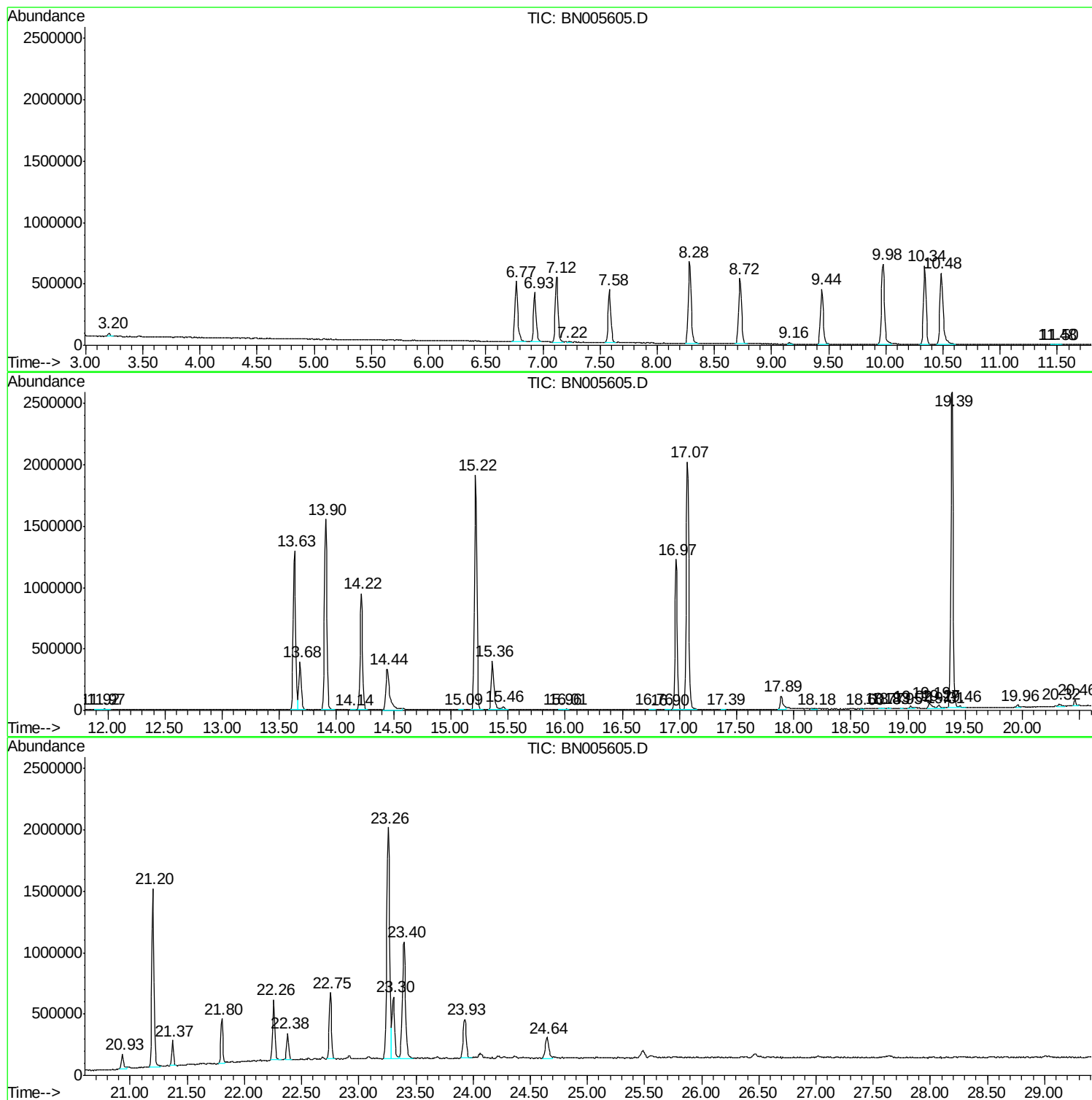
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Quant Title : SVOA CALIBRATION

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



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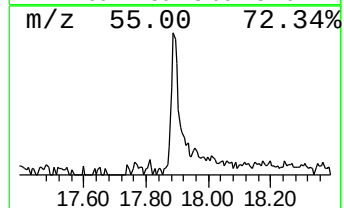
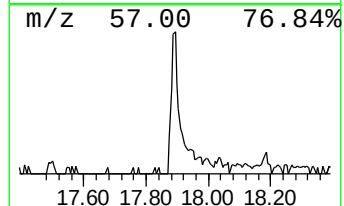
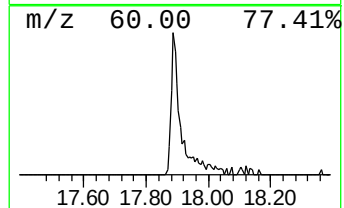
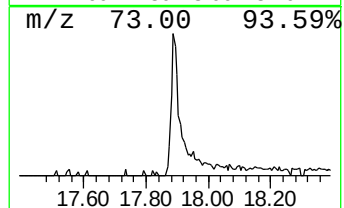
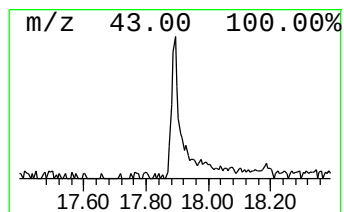
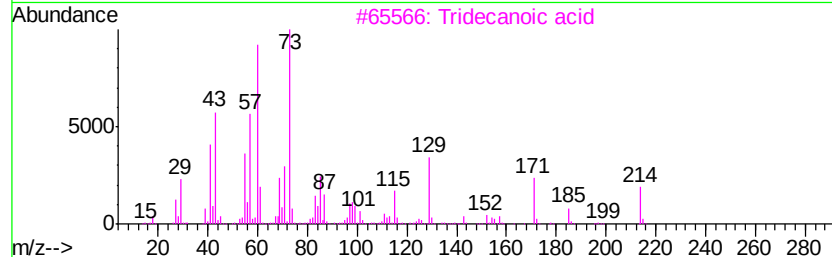
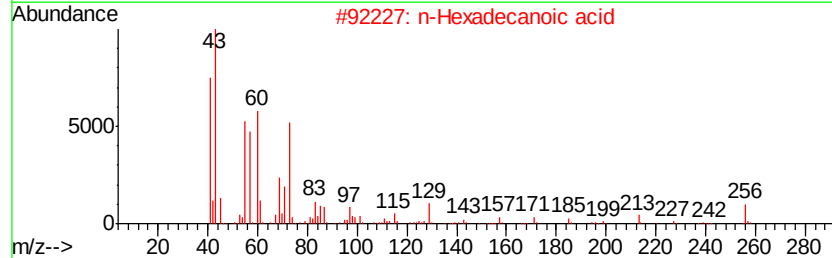
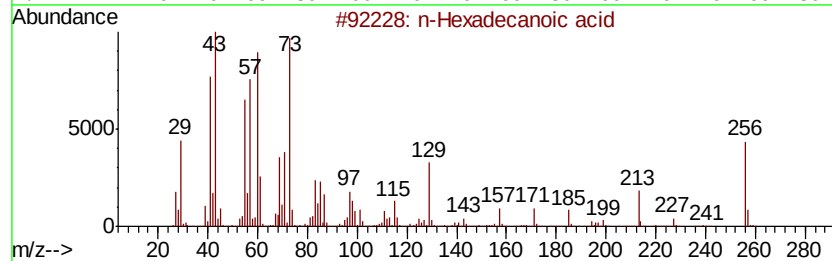
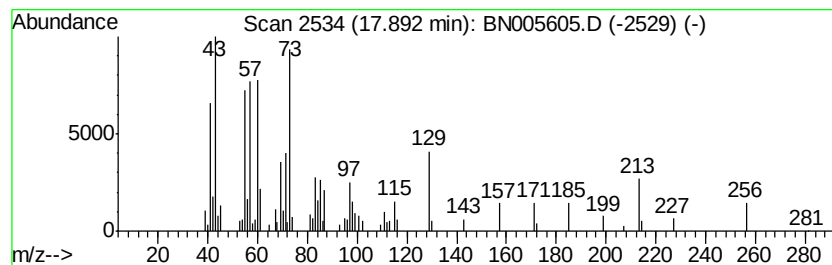
Instrument :
BNA_N
ClientSampleId :
BFHE4

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 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.31 ng/ul	202166	Phenanthrene-d10		16.97
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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



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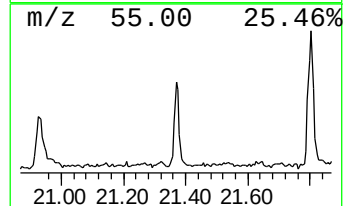
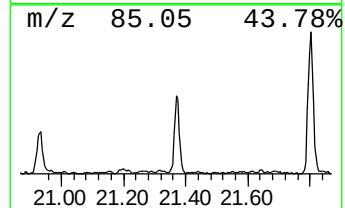
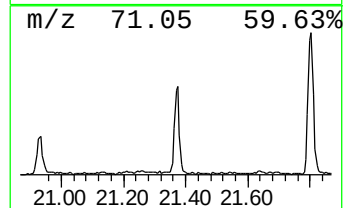
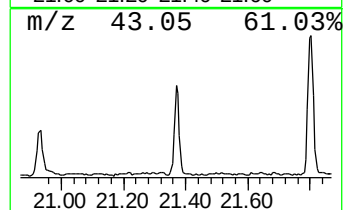
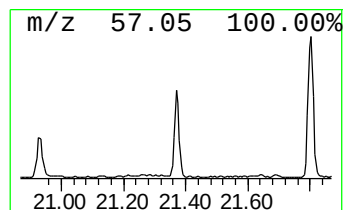
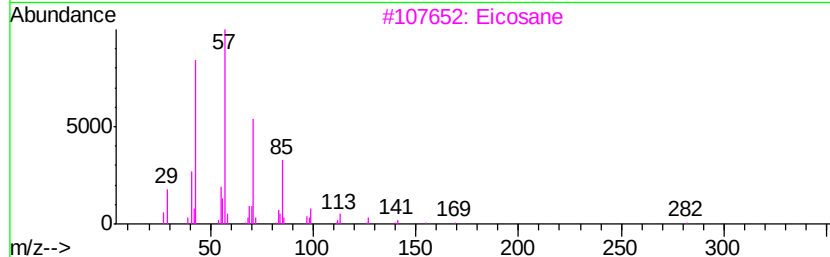
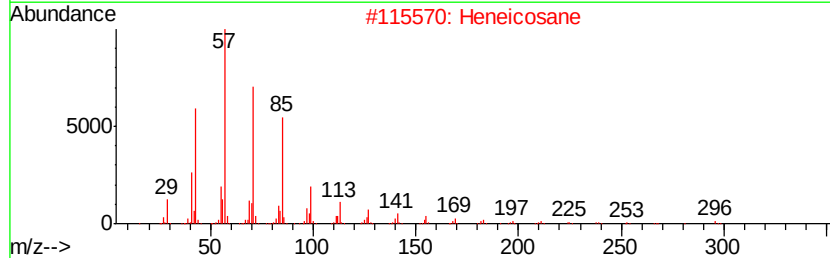
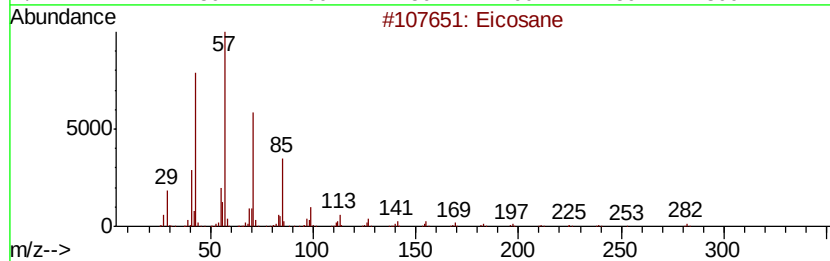
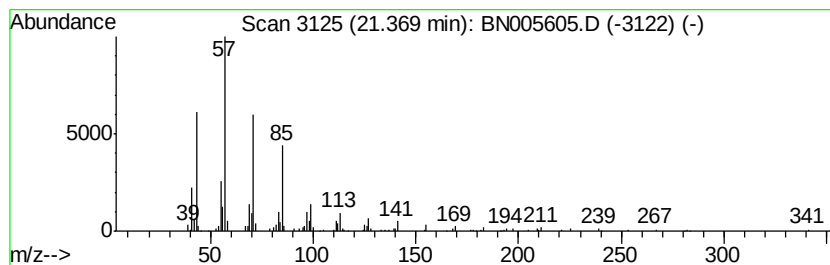
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.25 ng/ul	231403	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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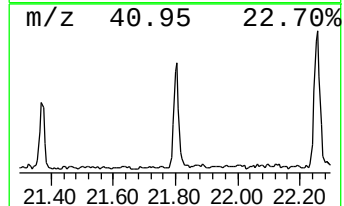
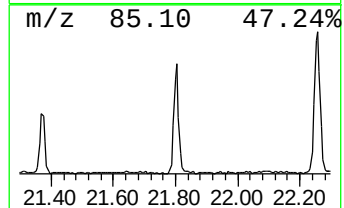
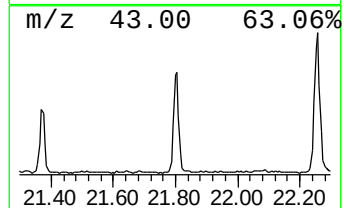
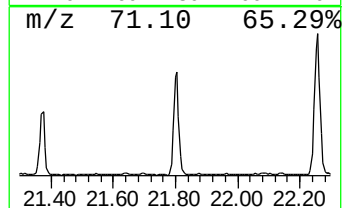
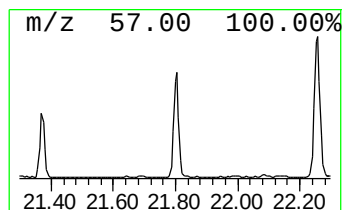
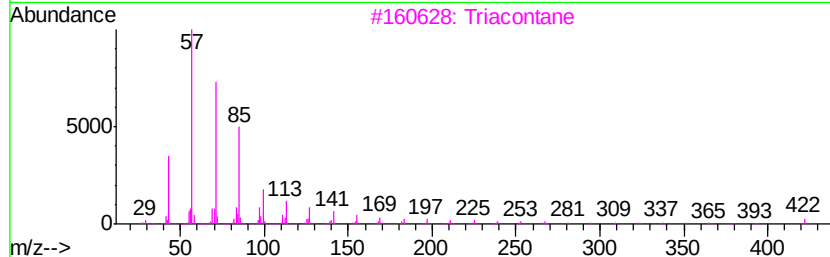
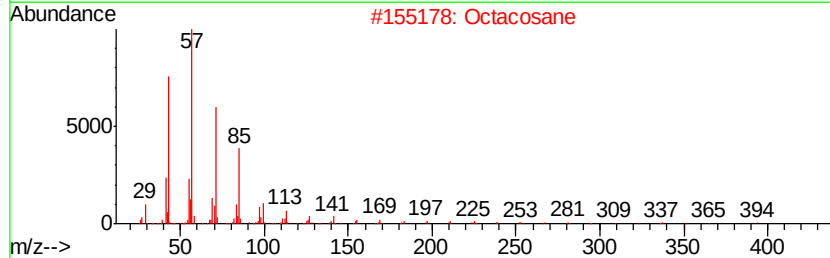
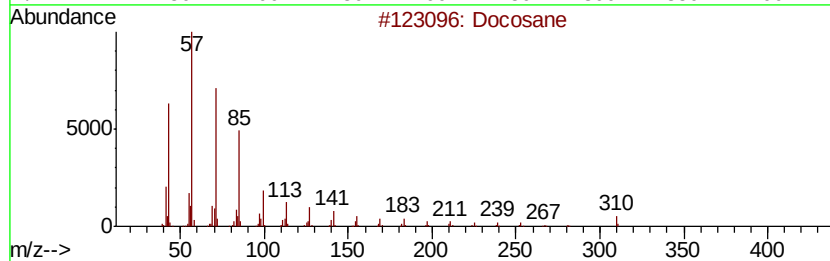
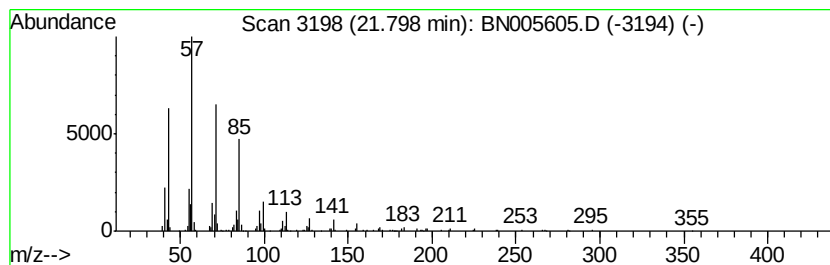
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	4.15 ng/ul	426425	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



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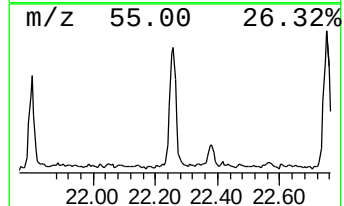
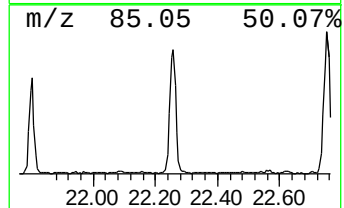
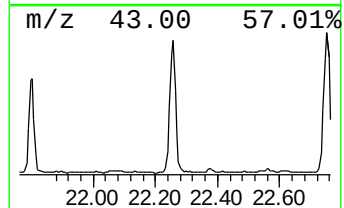
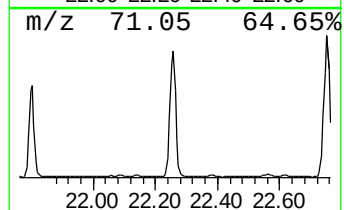
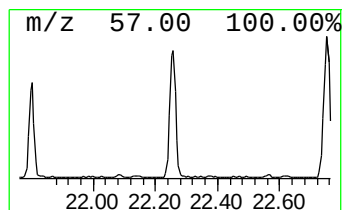
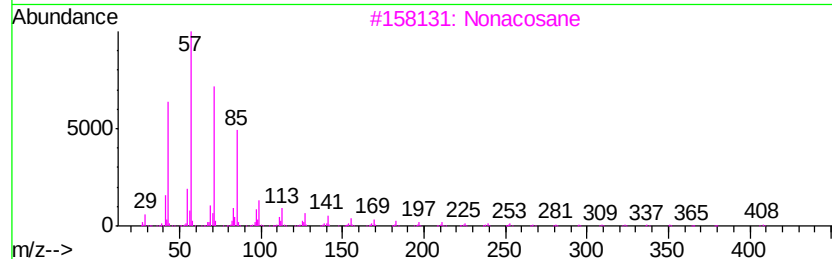
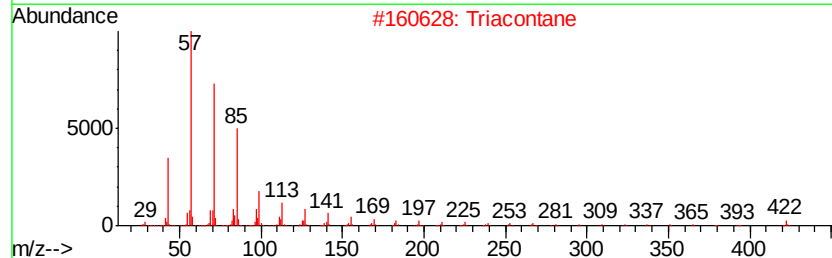
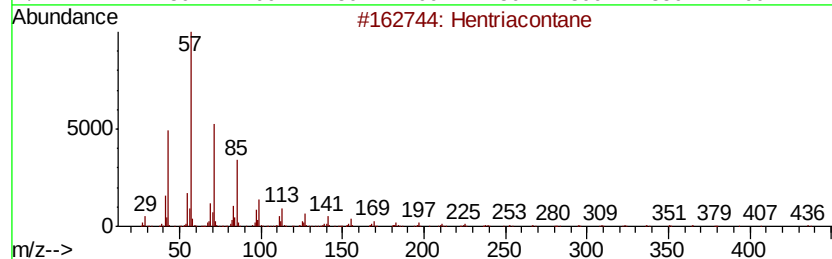
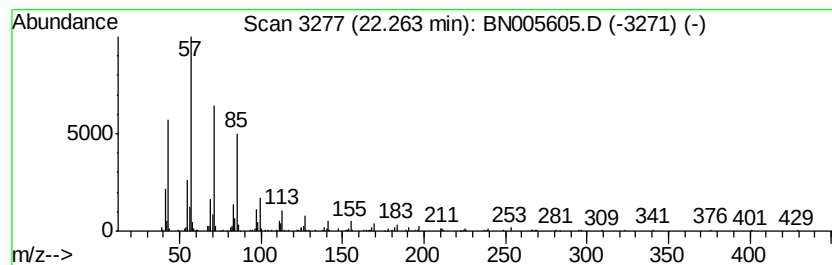
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	6.32 ng/ul	648919	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



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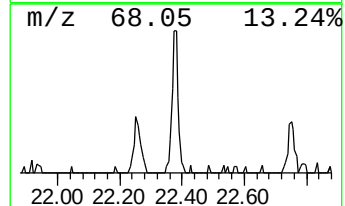
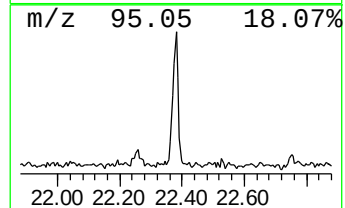
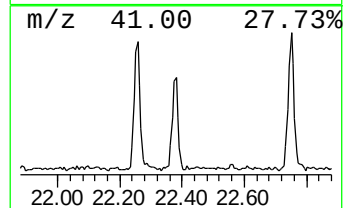
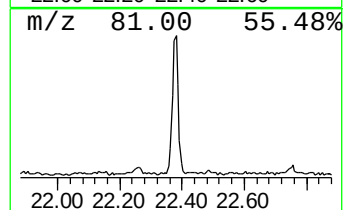
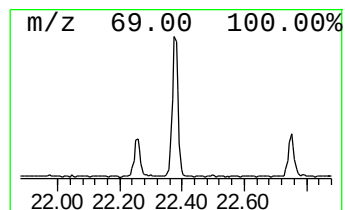
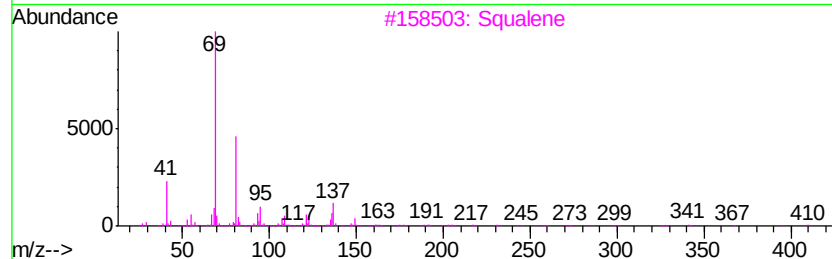
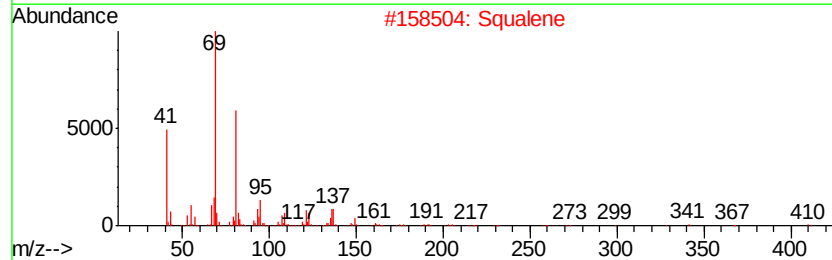
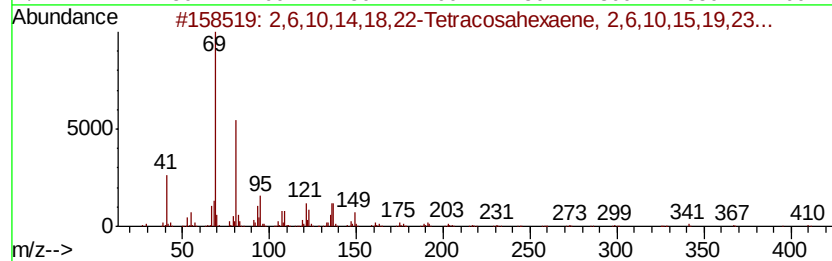
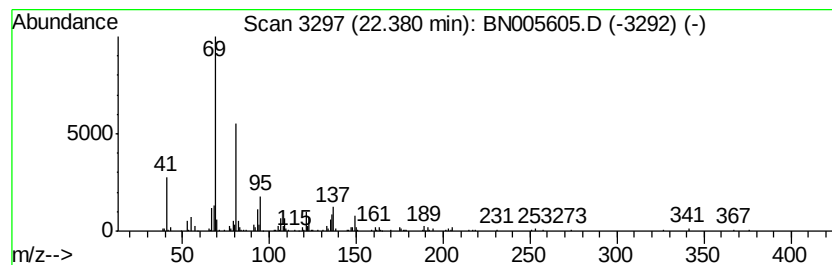
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	3.05 ng/ul	283479	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91	
2	Squalene	410	C30H50	007683-64-9	91	
3	Squalene	410	C30H50	007683-64-9	91	
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87	
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64	



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Acq On : 11 May 2019 00:51
Operator : JU/SJ
Sample : K2613-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE4

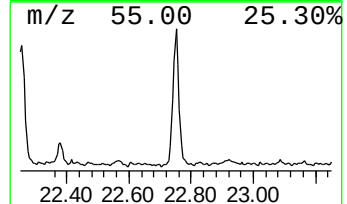
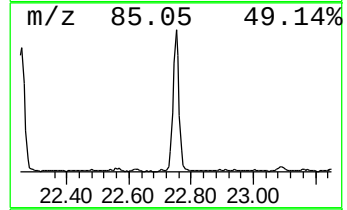
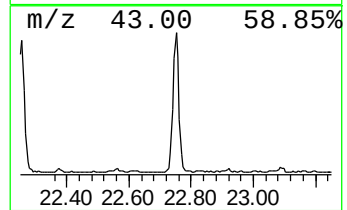
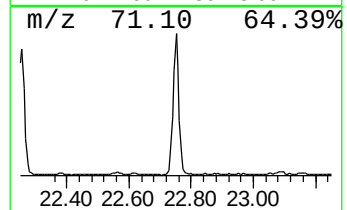
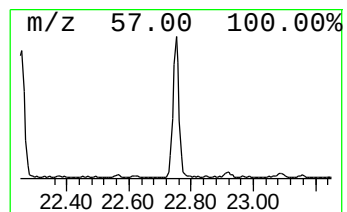
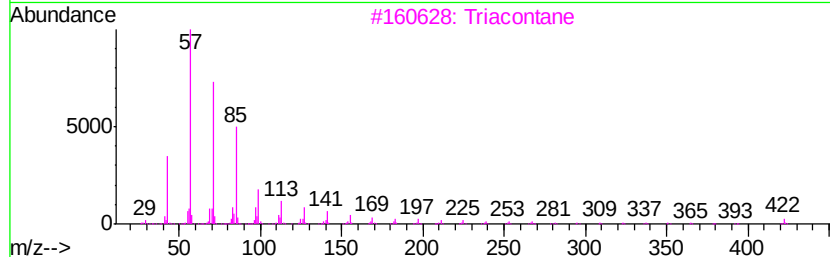
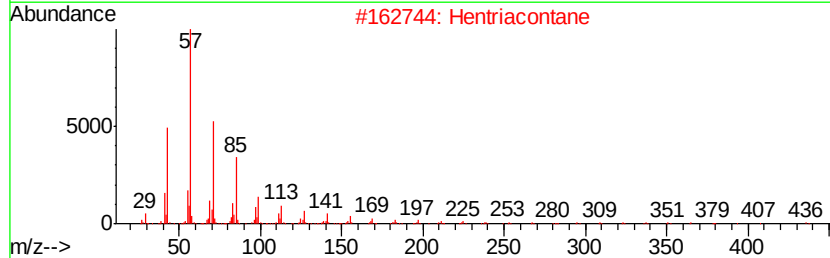
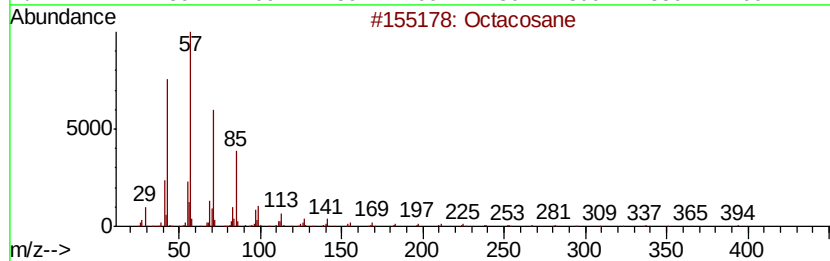
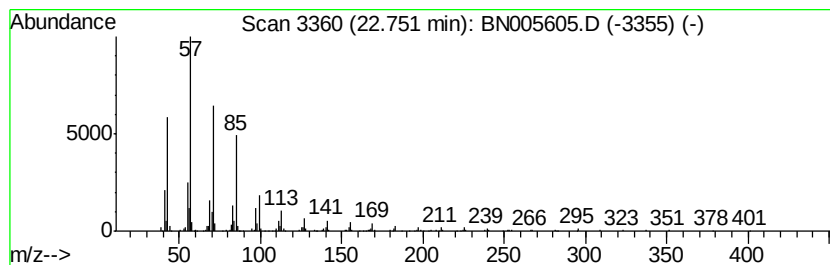
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	7.78 ng/ul	722658	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005605.D
Acq On : 11 May 2019 00:51
Operator : JU/SJ
Sample : K2613-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE4

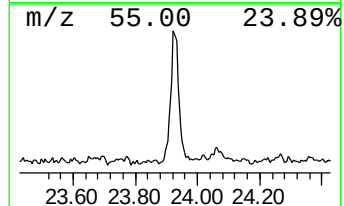
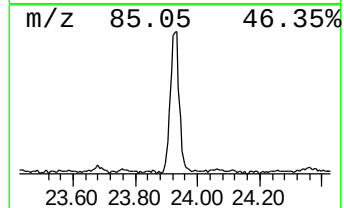
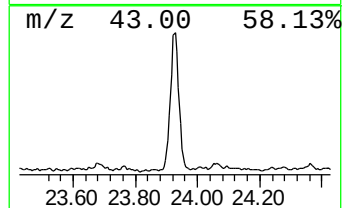
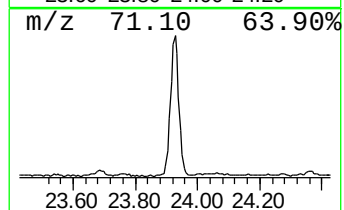
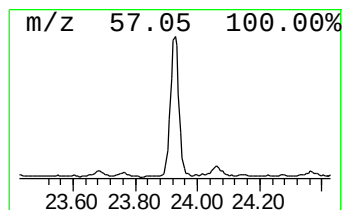
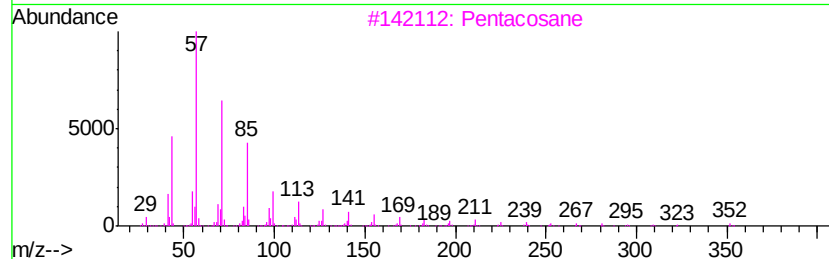
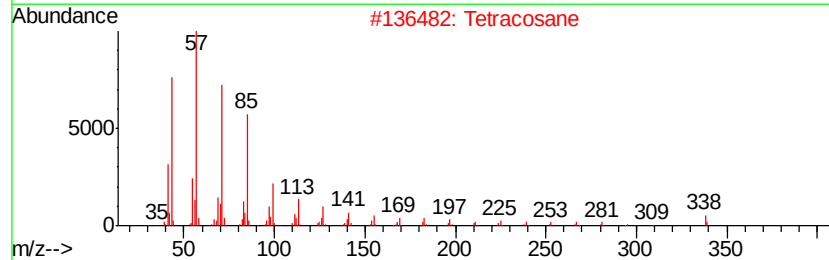
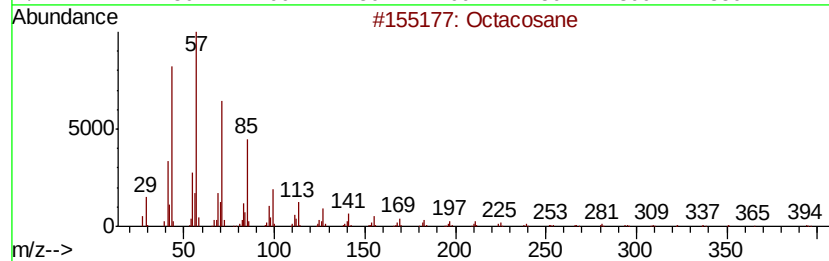
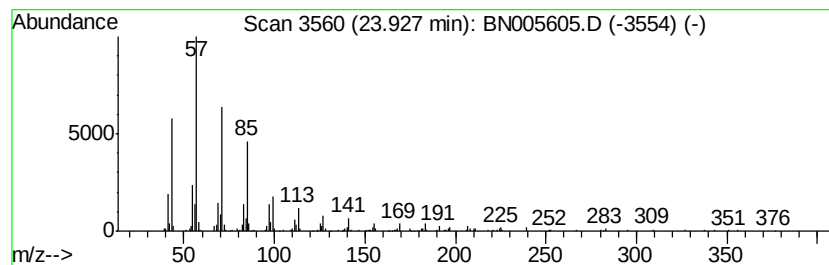
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	6.36 ng/ul	591343	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Docosane	310	C22H46	000629-97-0	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005605.D
Acq On : 11 May 2019 00:51
Operator : JU/SJ
Sample : K2613-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

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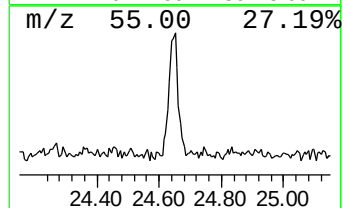
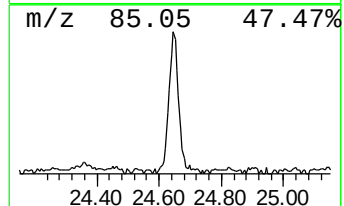
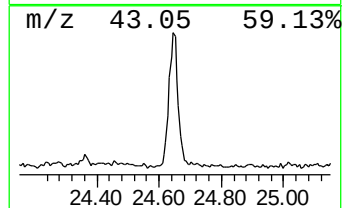
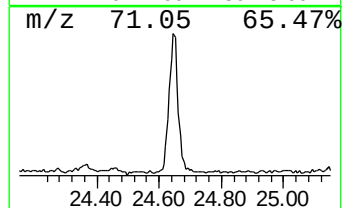
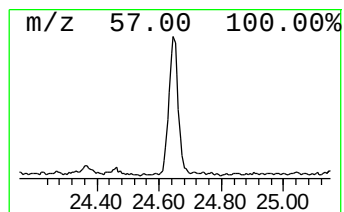
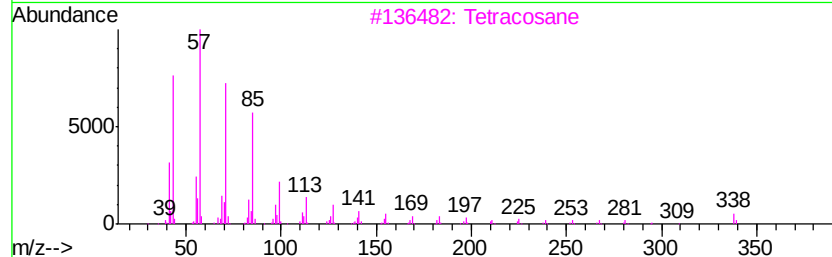
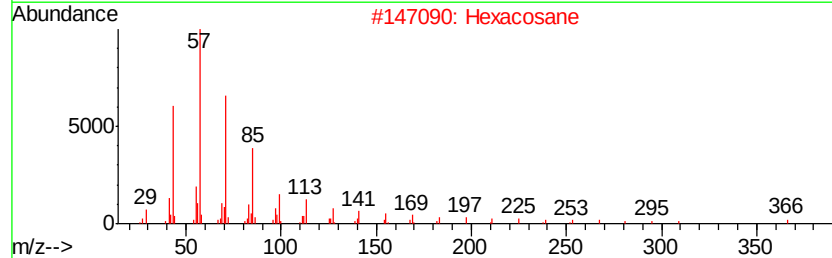
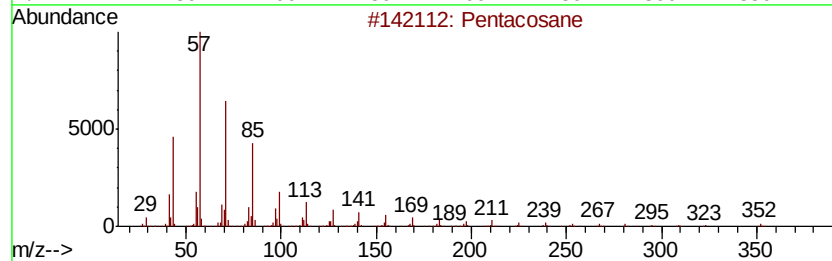
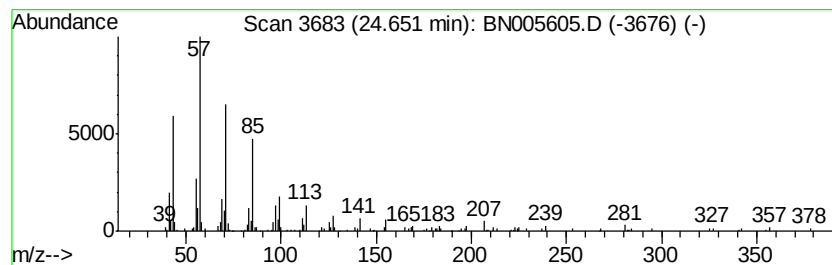
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	4.03 ng/ul	374634	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005605.D
Acq On : 11 May 2019 00:51
Operator : JU/SJ
Sample : K2613-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE4

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	17.89	2.3	ng/ul	202166	4	16.97	1751410	20.0
(DEL) Alkane: Str...	21.37	2.3	ng/ul	231403	5	21.20	2053710	20.0
(DEL) Alkane: Str...	21.80	4.2	ng/ul	426425	5	21.20	2053710	20.0
(DEL) Alkane: Str...	22.26	6.3	ng/ul	648919	5	21.20	2053710	20.0
2,6,10,14,18,22-T...	22.38	3.0	ng/ul	283479	6	23.40	1858120	20.0
(DEL) Alkane: Str...	22.75	7.8	ng/ul	722658	6	23.40	1858120	20.0
(DEL) Alkane: Str...	23.93	6.4	ng/ul	591343	6	23.40	1858120	20.0
(DEL) Alkane: Str...	24.65	4.0	ng/ul	374634	6	23.40	1858120	20.0