

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002503.D
 Acq On : 24 Aug 2018 16:29
 Operator : JU/SJ
 Sample : J4628-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3E7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN081318MA.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	4.834	310	314	328	rVB	257073	416865	4.49%	0.340%
2	6.852	651	657	667	rVB	557947	1000733	10.77%	0.817%
3	7.011	679	684	701	rVB	437298	721381	7.76%	0.589%
4	7.205	711	717	727	rVB	546569	927084	9.98%	0.757%
5	7.669	790	796	806	rVB	489604	812086	8.74%	0.663%
6	8.193	878	885	892	rBV	293599	719021	7.74%	0.587%
7	8.369	909	915	933	rVB	679624	1175383	12.65%	0.960%
8	8.816	985	991	995	rBV	589393	1009938	10.87%	0.825%
9	8.857	995	998	1008	rVB	444273	738435	7.95%	0.603%
10	9.534	1106	1113	1115	rBV	490765	782338	8.42%	0.639%
11	9.563	1115	1118	1132	rVB	493847	840419	9.04%	0.686%
12	9.863	1163	1169	1182	rVB	392293	617922	6.65%	0.505%
13	10.069	1197	1204	1207	rBV	747720	1467427	15.79%	1.198%
14	10.440	1259	1267	1272	rBV	817161	1452601	15.63%	1.186%
15	10.487	1272	1275	1284	rVV	458002	742124	7.99%	0.606%
16	10.581	1284	1291	1310	rVB	476191	901419	9.70%	0.736%
17	11.734	1480	1487	1507	rBV	1816098	3167026	34.08%	2.586%
18	12.104	1543	1550	1558	rBV	1452844	2263121	24.35%	1.848%
19	12.240	1567	1573	1580	rBV3	67101	104498	1.12%	0.085%
20	12.328	1580	1588	1597	rVB	1222234	1925347	20.72%	1.572%
21	12.457	1603	1610	1618	rVB	698469	1063725	11.45%	0.869%
22	12.728	1649	1656	1670	rBV	619535	1007908	10.85%	0.823%
23	13.128	1720	1724	1726	rBV	127114	162922	1.75%	0.133%
24	13.169	1726	1731	1743	rVB	1054044	1630397	17.55%	1.331%
25	13.716	1817	1824	1828	rBV	1480685	2067802	22.25%	1.688%
26	13.763	1828	1832	1840	rVB	530418	739885	7.96%	0.604%
27	13.881	1847	1852	1861	rVB	418663	603156	6.49%	0.493%
28	13.993	1861	1871	1874	rBV	1693308	2771341	29.82%	2.263%
29	14.022	1874	1876	1882	rVB	982892	1138887	12.26%	0.930%
30	14.298	1917	1923	1929	rBV2	1170717	1872022	20.15%	1.529%
31	14.363	1929	1934	1943	rVB	946996	1360730	14.64%	1.111%
32	14.516	1954	1960	1969	rBV	577207	975825	10.50%	0.797%
33	14.675	1981	1987	2002	rVB	1087005	1622532	17.46%	1.325%
34	14.934	2022	2031	2044	rBV	1421663	2054875	22.11%	1.678%

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Integration Parameters: LSCINT.P

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35	15.169	2065	2071	2076	rVB	143965	181026	1.95%	0.148%
36	15.298	2087	2093	2098	rBV	2182640	3113961	33.51%	2.543%
37	15.351	2098	2102	2110	rVB2	2179372	2989407	32.17%	2.441%
38	15.445	2110	2118	2129	rBV3	2818861	4714401	50.73%	3.850%
39	16.245	2248	2254	2260	rVB	1412694	1897158	20.42%	1.549%
40	16.357	2268	2273	2282	rBV	1407786	2020629	21.75%	1.650%
41	17.051	2384	2391	2394	rBV	1654873	2386417	25.68%	1.949%
42	17.092	2394	2398	2402	rVV	1249352	1714896	18.45%	1.400%
43	17.145	2402	2407	2411	rVV	2376860	3745507	40.31%	3.058%
44	17.181	2411	2413	2424	rVB	1452331	1909005	20.54%	1.559%
45	17.528	2466	2472	2481	rBV	1672935	2268791	24.42%	1.853%
46	19.116	2732	2742	2748	rBV	3624774	4990386	53.70%	4.075%
47	19.451	2793	2799	2802	rBV	3245203	4819327	51.86%	3.935%
48	19.475	2802	2803	2812	rVB	1553369	1601545	17.24%	1.308%
49	20.975	3054	3058	3061	rBV	81930	96499	1.04%	0.079%
50	21.245	3097	3104	3108	rBV2	2980227	5638565	60.68%	4.604%
51	21.286	3108	3111	3119	rVB	1875989	2215263	23.84%	1.809%
52	21.410	3128	3132	3145	rVB	234100	284424	3.06%	0.232%
53	21.845	3201	3206	3210	rBV	455009	554228	5.96%	0.453%
54	22.304	3278	3284	3293	rBV	782820	1042297	11.22%	0.851%
55	22.810	3362	3370	3374	rBV	5352081	9292319	100.00%	7.588%
56	22.851	3374	3377	3387	rVB	1564208	2281777	24.56%	1.863%
57	23.333	3451	3459	3463	rBV	2776544	6306939	67.87%	5.150%
58	23.468	3475	3482	3492	rVB	1878989	3452456	37.15%	2.819%
59	23.992	3564	3571	3580	rVB	911760	1690373	18.19%	1.380%
60	24.721	3688	3695	3704	rVB	556622	1218676	13.11%	0.995%
61	25.568	3832	3839	3848	rBV	268616	644689	6.94%	0.526%
62	25.686	3849	3859	3873	rVB3	1911395	5413872	58.26%	4.421%
63	26.362	3963	3974	3988	rVB	882942	2682280	28.87%	2.190%
64	26.568	4001	4009	4021	rVB3	145700	442584	4.76%	0.361%

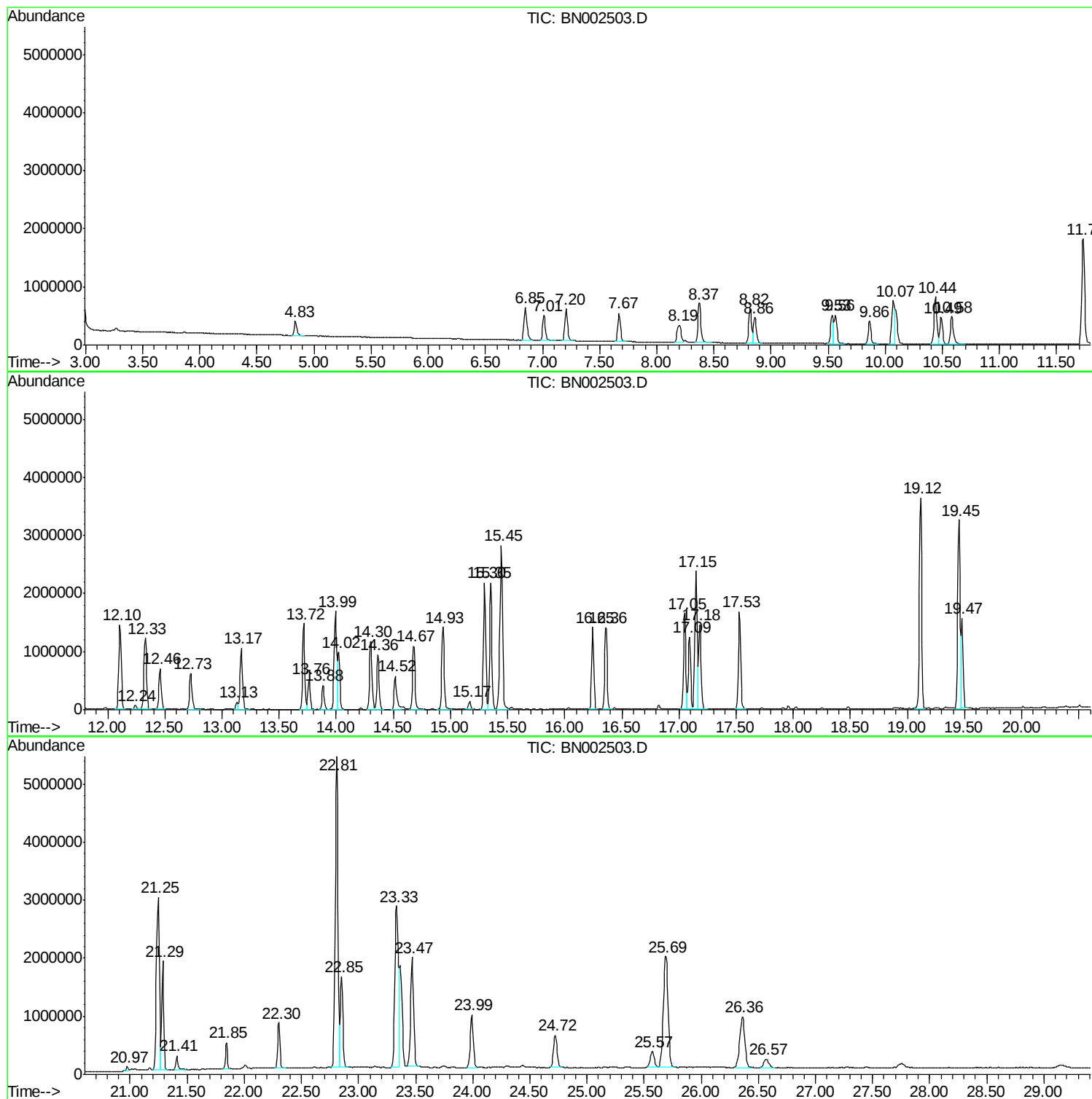
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampled :
DB3E7

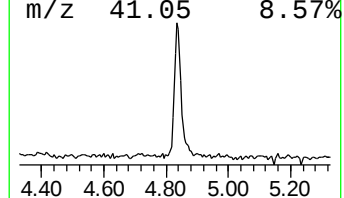
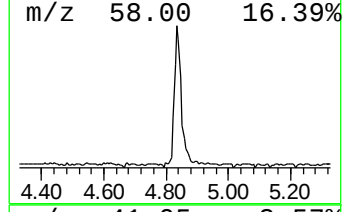
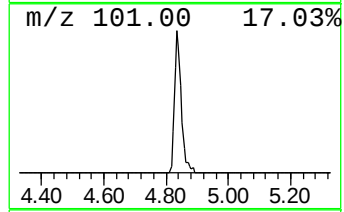
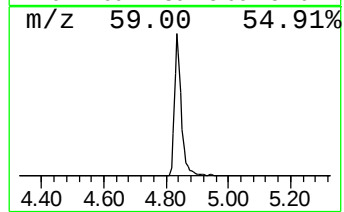
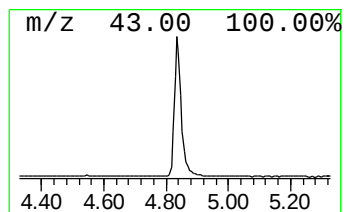
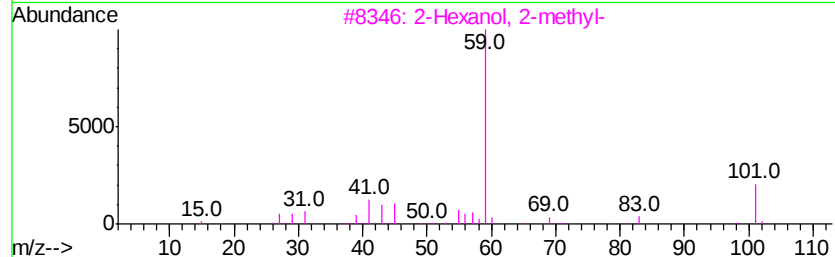
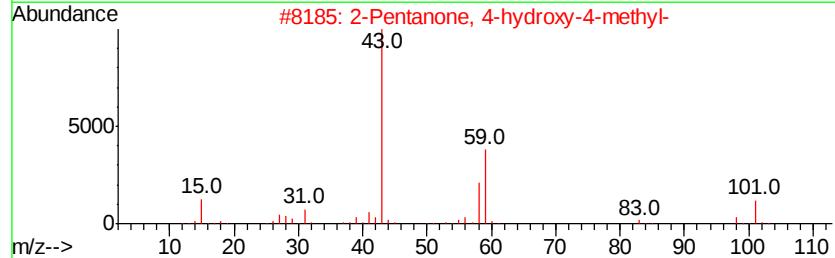
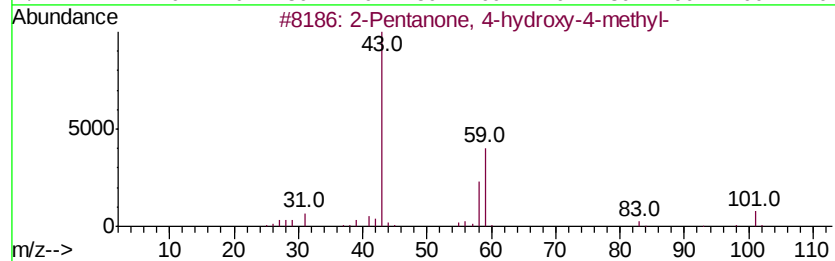
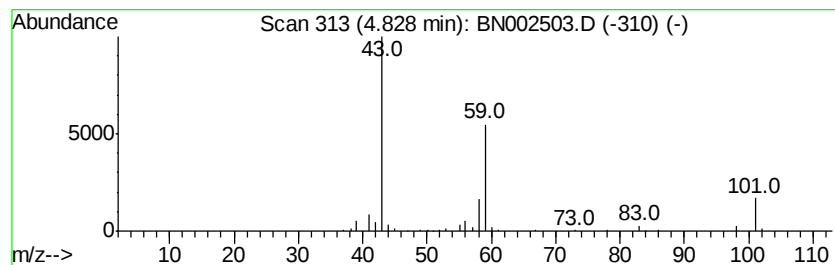
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	10.27 ng/ul	416865	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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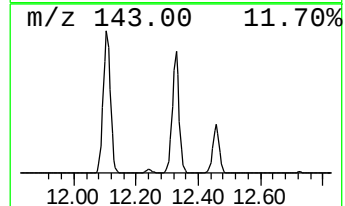
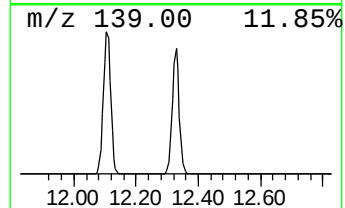
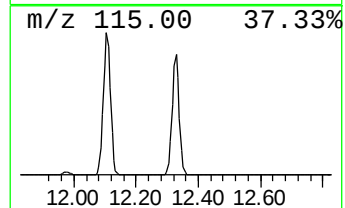
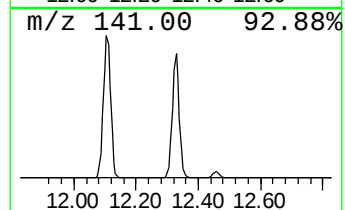
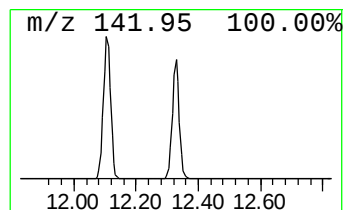
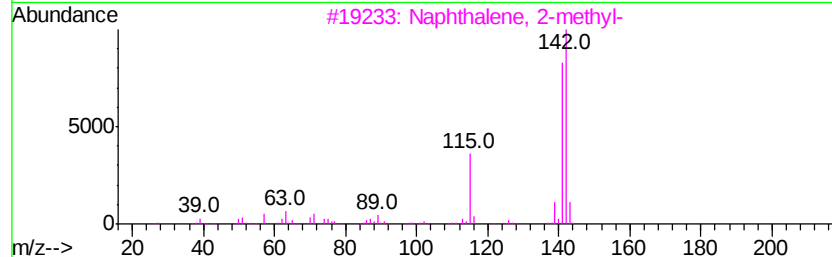
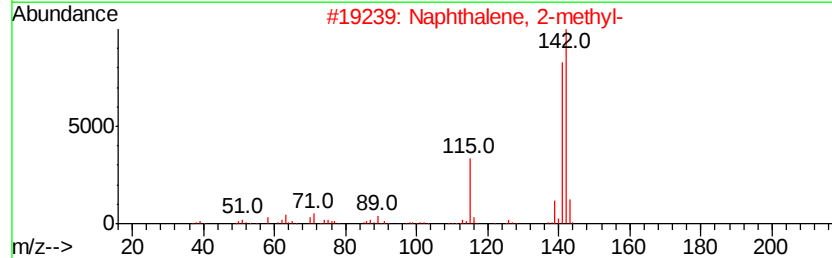
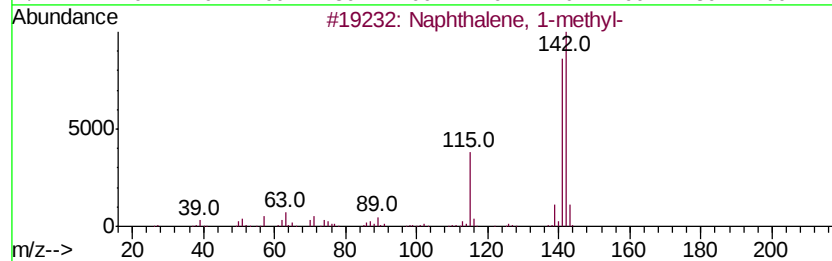
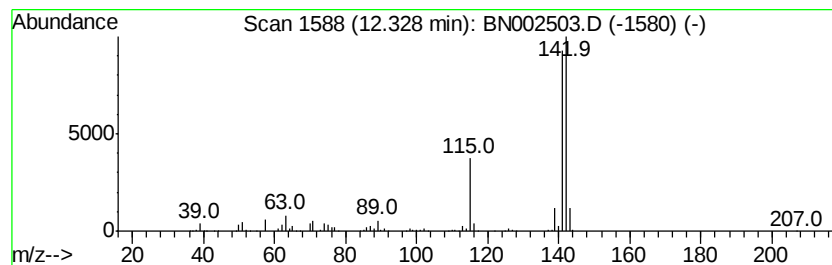
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	26.51 ng/ul	1925350	Naphthalene-d8	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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ALS Vial : 3 Sample Multiplier: 1

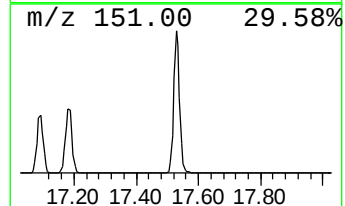
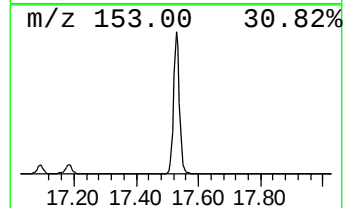
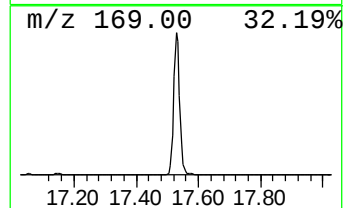
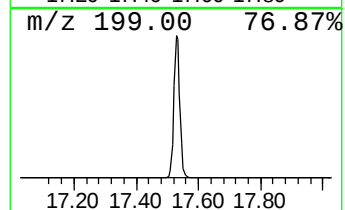
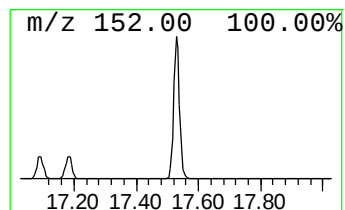
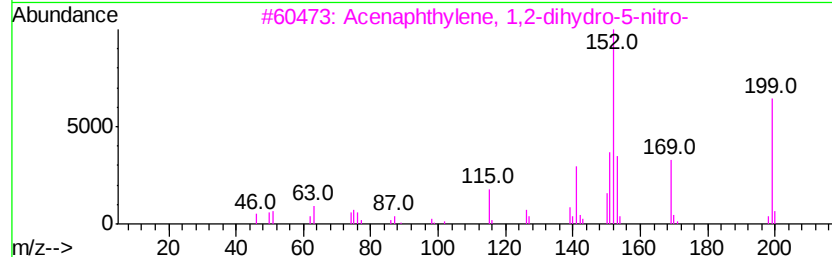
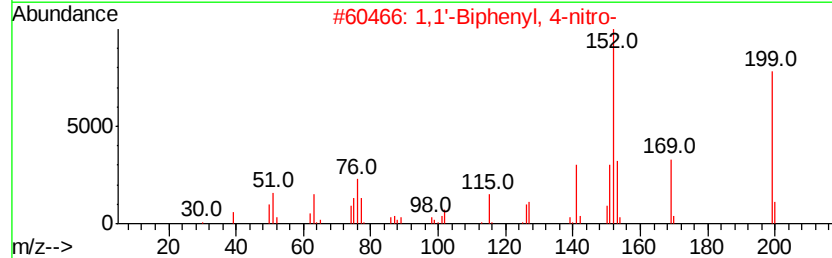
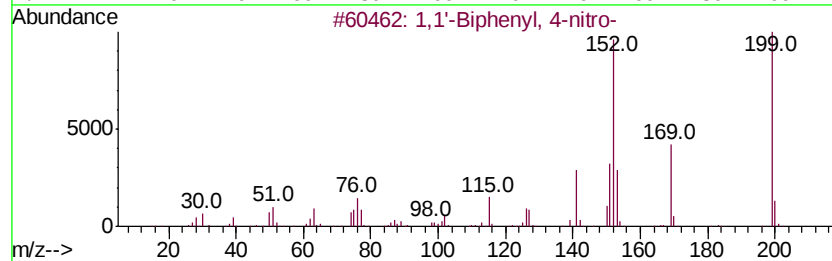
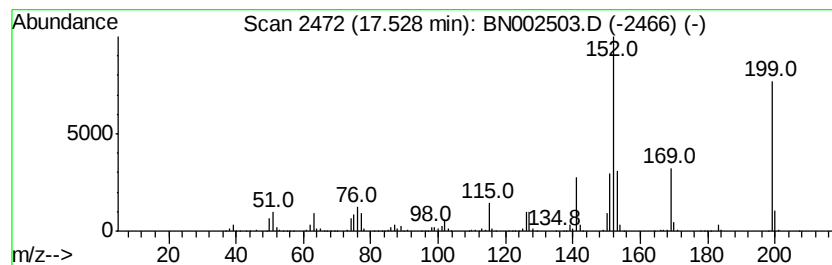
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.53	19.01 ng/ul	2268790	Phenanthrene-d10		17.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2			1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3			Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	93
4			1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	92
5			1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89



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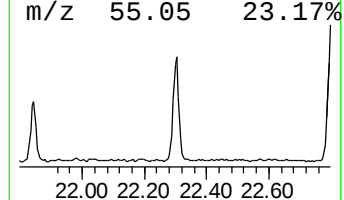
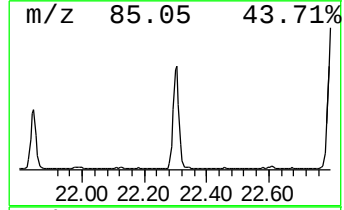
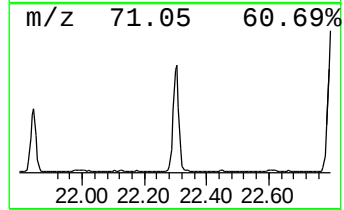
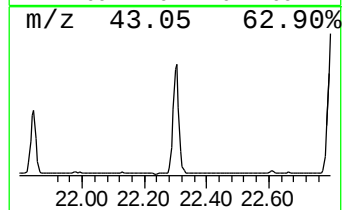
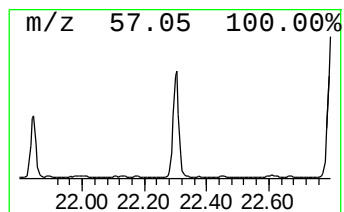
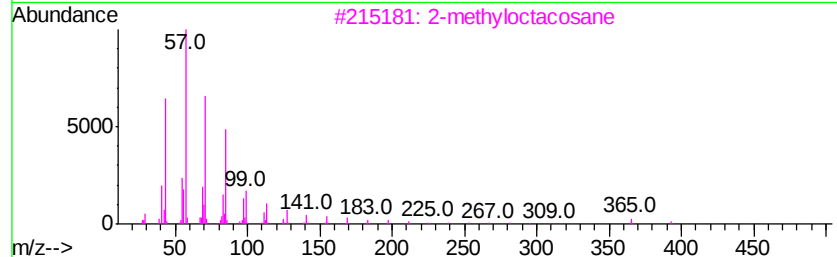
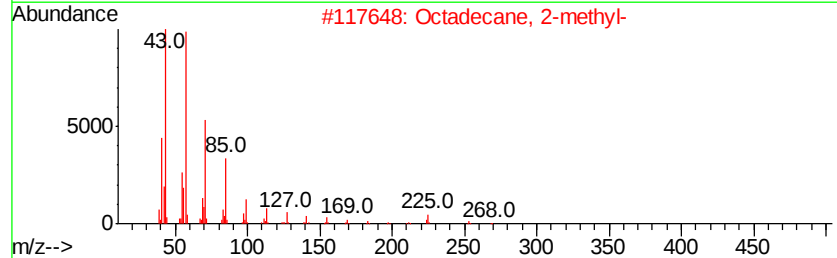
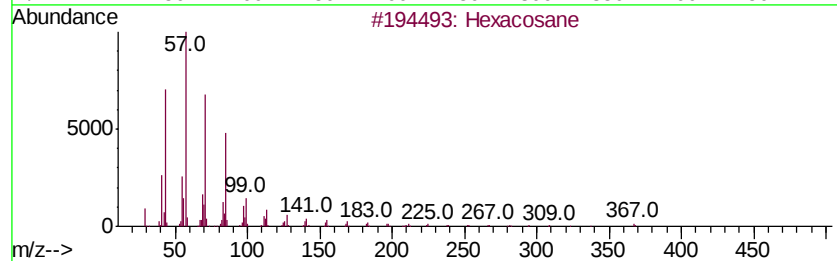
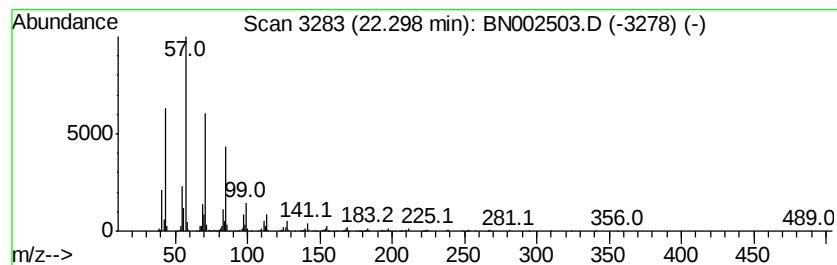
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.70 ng/ul	1042300	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3		2-methyl-octacosane	408	C29H60	1000376-72-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



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ClientSampleId :
DB3E7

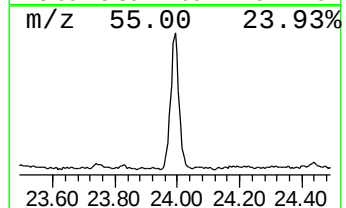
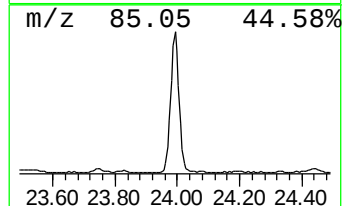
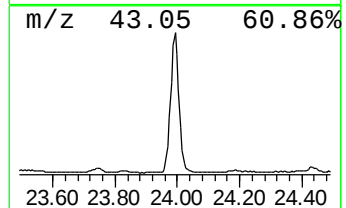
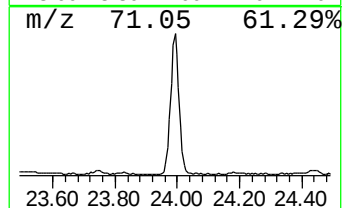
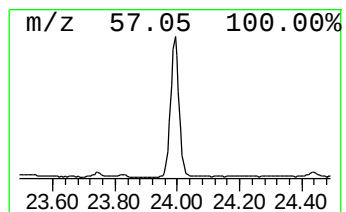
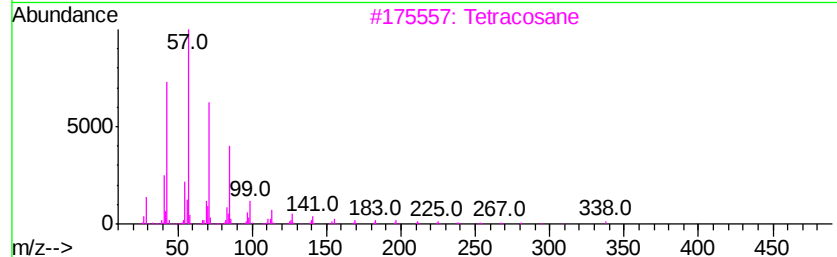
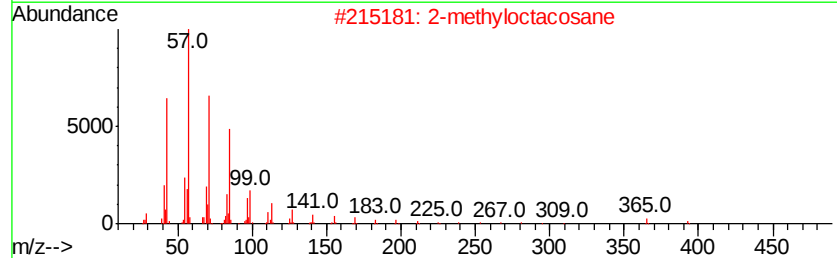
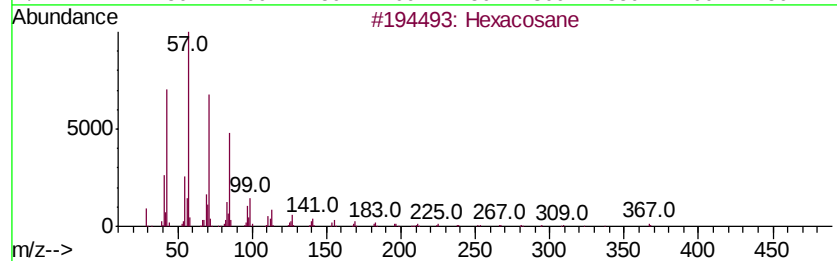
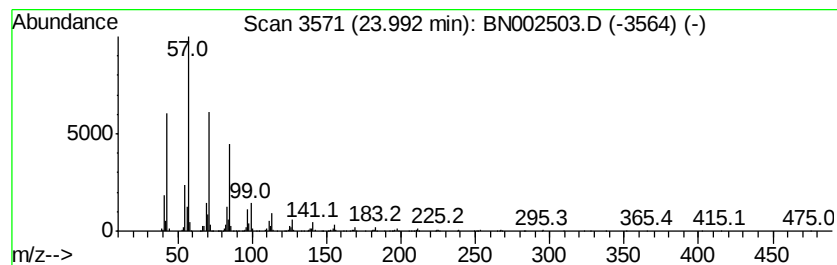
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	9.79 ng/ul	1690370	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3E7

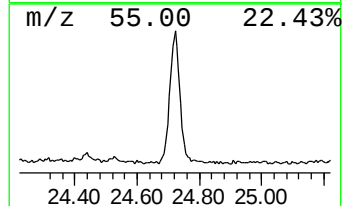
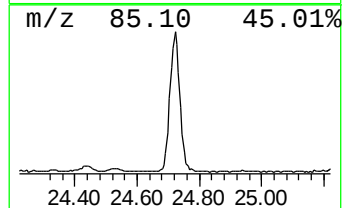
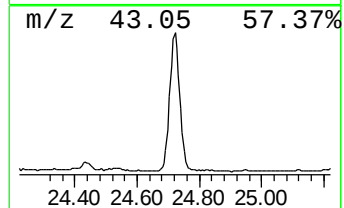
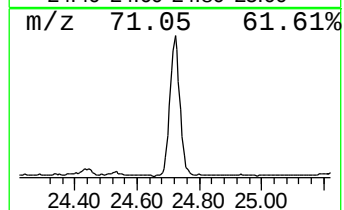
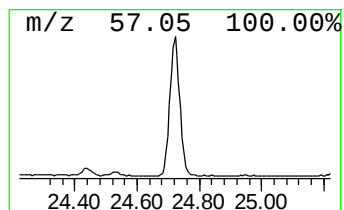
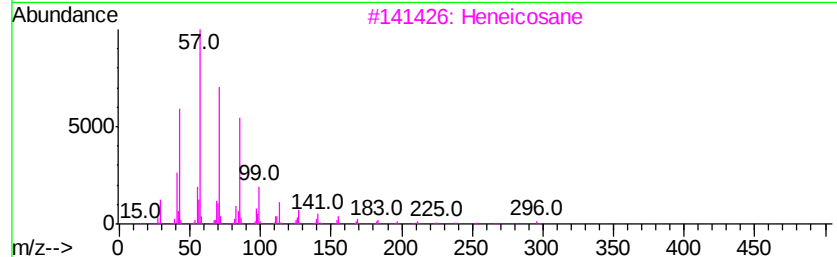
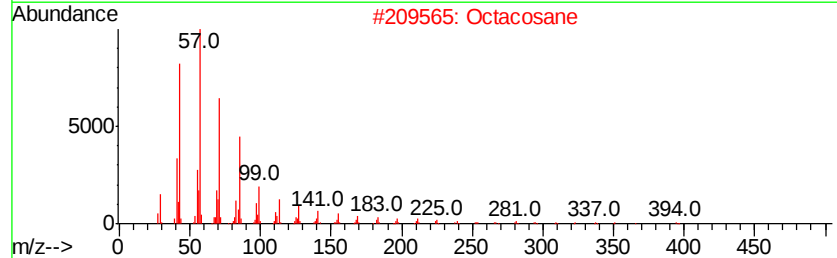
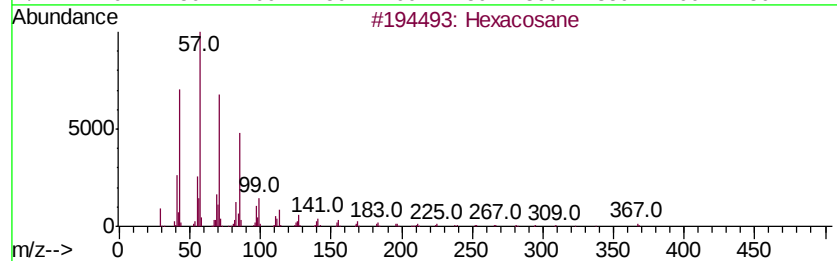
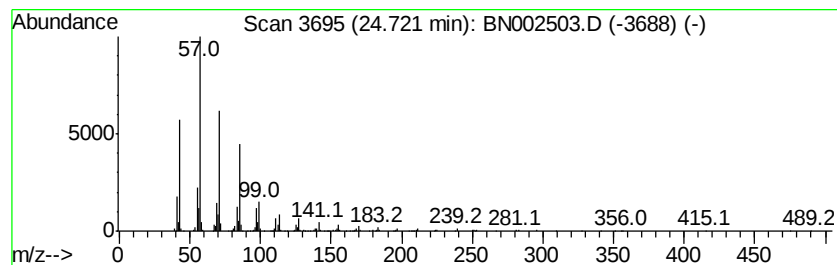
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	7.06 ng/ul	1218680	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3E7

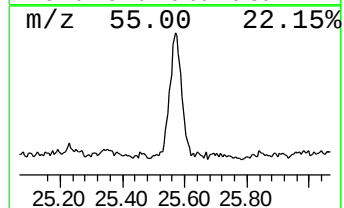
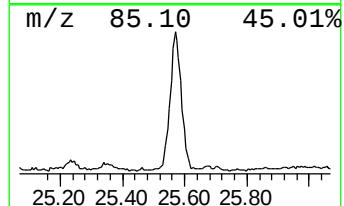
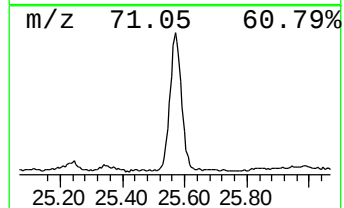
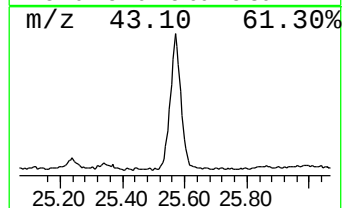
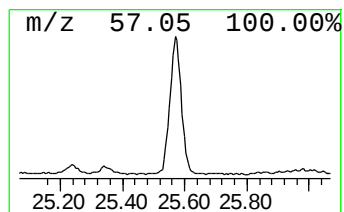
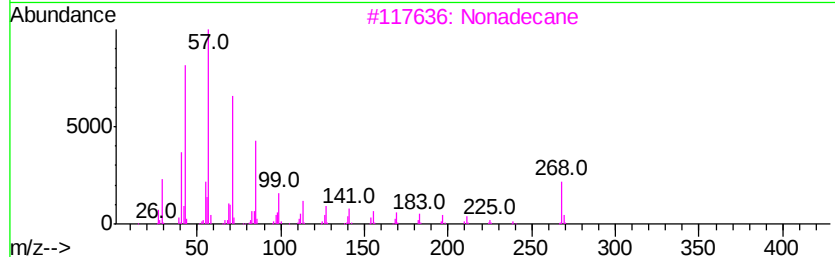
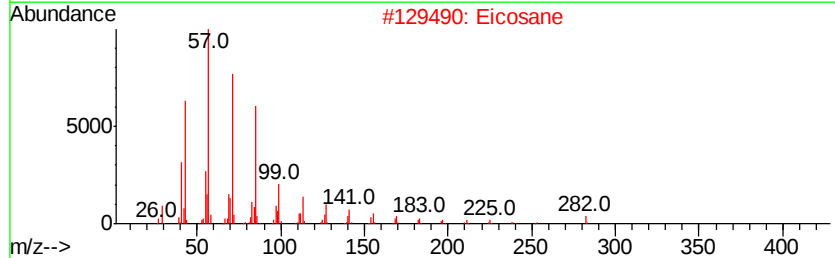
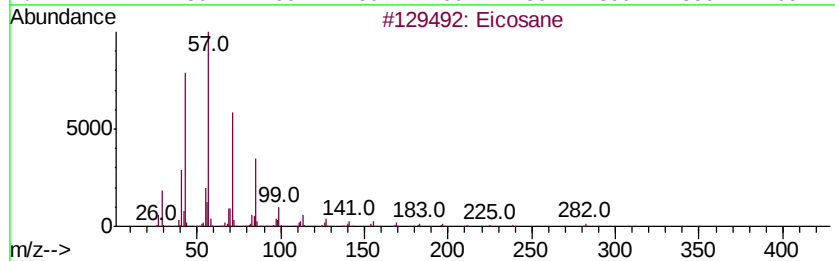
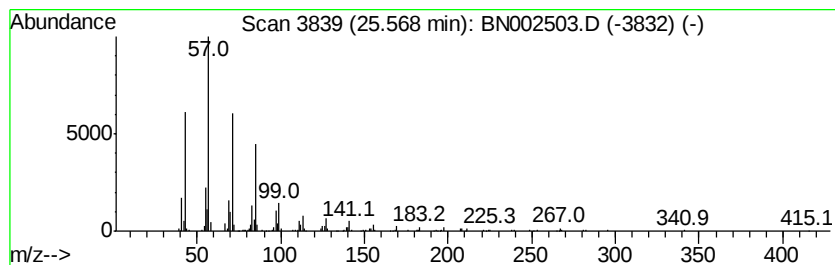
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	3.73 ng/ul	644689	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Nonadecane	268	C19H40	000629-92-5	92
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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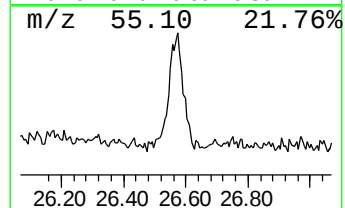
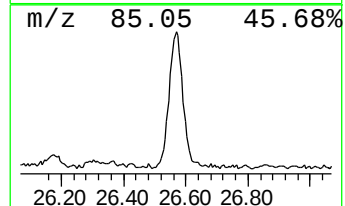
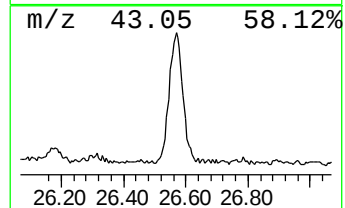
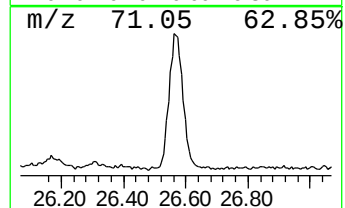
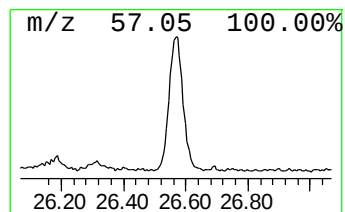
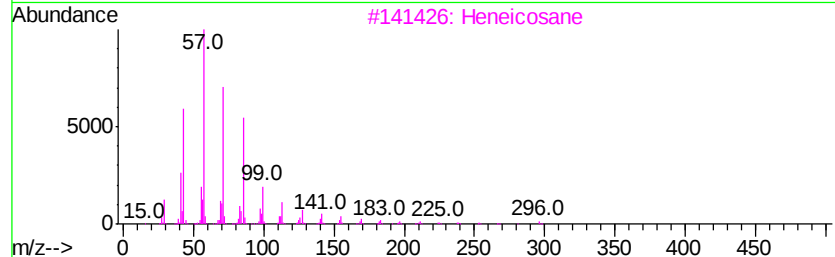
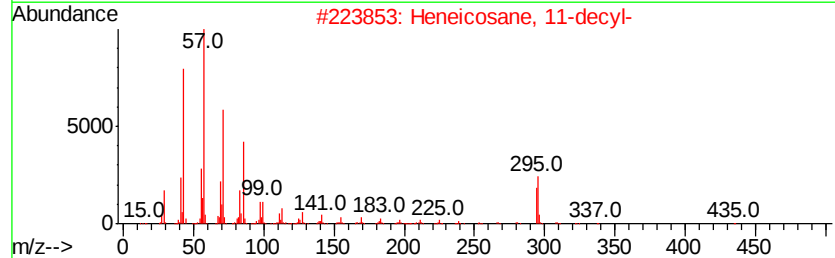
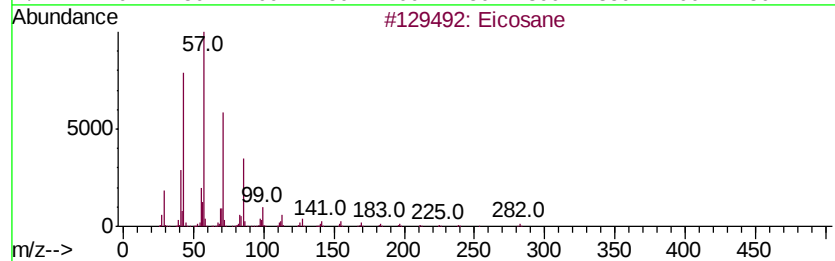
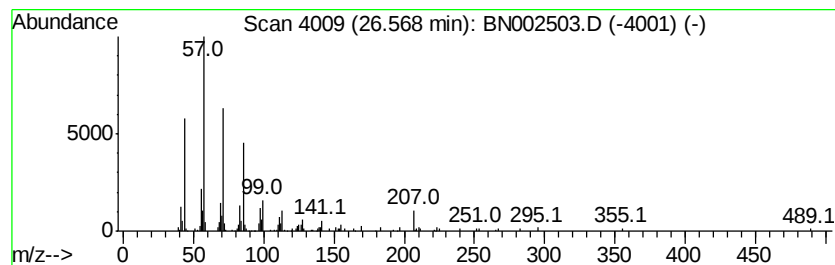
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.57	2.56 ng/ul	442584	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3E7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	10.3	ng/ul	416865	1	7.67	812086	20.0
Naphthalene, 1-me...	12.33	26.5	ng/ul	1925350	2	10.44	1452600	20.0
1,1'-Biphenyl, 4-...	17.53	19.0	ng/ul	2268790	4	17.05	2386420	20.0
(DEL) Alkane: Str...	22.30	3.7	ng/ul	1042300	5	21.25	5638570	20.0
(DEL) Alkane: Str...	23.99	9.8	ng/ul	1690370	6	23.47	3452460	20.0
(DEL) Alkane: Str...	24.72	7.1	ng/ul	1218680	6	23.47	3452460	20.0
(DEL) Alkane: Str...	25.57	3.7	ng/ul	644689	6	23.47	3452460	20.0
(DEL) Alkane: Str...	26.57	2.6	ng/ul	442584	6	23.47	3452460	20.0