

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002622.D
 Acq On : 11 Sep 2018 11:33
 Operator : JU/SJ
 Sample : PB112737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK37

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	6.846	650	656	671	rBV	915018	1513333	17.83%	2.042%
2	7.005	677	683	697	rBV	769734	1182120	13.92%	1.595%
3	7.199	709	716	728	rBV	950232	1568602	18.48%	2.116%
4	7.663	788	795	806	rVB	657531	1102882	12.99%	1.488%
5	8.369	907	915	930	rBV	1140468	1900164	22.38%	2.563%
6	8.810	982	990	1002	rBV	944920	1583503	18.65%	2.136%
7	9.528	1104	1112	1125	rBV	799738	1362764	16.05%	1.838%
8	10.063	1196	1203	1219	rBV	1126353	1982669	23.36%	2.675%
9	10.434	1258	1266	1273	rBV	1010747	1704739	20.08%	2.300%
10	10.575	1282	1290	1311	rBV	1196994	2106091	24.81%	2.841%
11	13.710	1816	1823	1834	rBV	2315689	3231918	38.07%	4.360%
12	13.987	1859	1870	1880	rBV	2577010	3840764	45.24%	5.181%
13	14.293	1915	1922	1931	rBV2	1584222	2413825	28.43%	3.256%
14	14.516	1954	1960	1991	rBV	757840	1571779	18.52%	2.120%
15	15.292	2085	2092	2101	rBV	3329631	4696168	55.32%	6.335%
16	15.428	2108	2115	2128	rBV	1088645	1559571	18.37%	2.104%
17	17.045	2383	2390	2397	rBV	2119156	2944335	34.68%	3.972%
18	17.145	2400	2407	2416	rVV	3670118	5138224	60.53%	6.932%
19	17.951	2538	2544	2553	rBV2	158885	309234	3.64%	0.417%
20	19.445	2792	2798	2806	rBV	4316242	5855722	68.98%	7.900%
21	20.198	2920	2926	2930	rBV	66704	99993	1.18%	0.135%
22	20.927	3044	3050	3053	rBV2	47570	87417	1.03%	0.118%
23	20.969	3053	3057	3062	rVV2	123896	181454	2.14%	0.245%
24	21.027	3062	3067	3075	rVV	371579	470524	5.54%	0.635%
25	21.245	3098	3104	3109	rBV	2802434	3555032	41.88%	4.796%
26	21.404	3127	3131	3140	rVB	269853	318969	3.76%	0.430%
27	21.833	3200	3204	3209	rBV	523745	625019	7.36%	0.843%
28	22.292	3277	3282	3289	rBV	948904	1304694	15.37%	1.760%
29	22.416	3299	3303	3310	rVB	348911	506282	5.96%	0.683%
30	22.792	3361	3367	3379	rVB	1377645	1994520	23.49%	2.691%
31	23.174	3429	3432	3441	rVB5	106819	165624	1.95%	0.223%
32	23.327	3450	3458	3472	rBV2	3422732	8489216	100.00%	11.453%
33	23.468	3474	3482	3492	rVB2	1744715	3382744	39.85%	4.564%
34	23.980	3562	3569	3577	rBV	1347886	2552093	30.06%	3.443%

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35	24.480	3650	3654	3665	rVB4	141151	346269	4.08%	0.467%
36	24.710	3685	3693	3701	rBV	784092	1729554	20.37%	2.333%
37	25.557	3830	3837	3845	rVB2	291357	746950	8.80%	1.008%

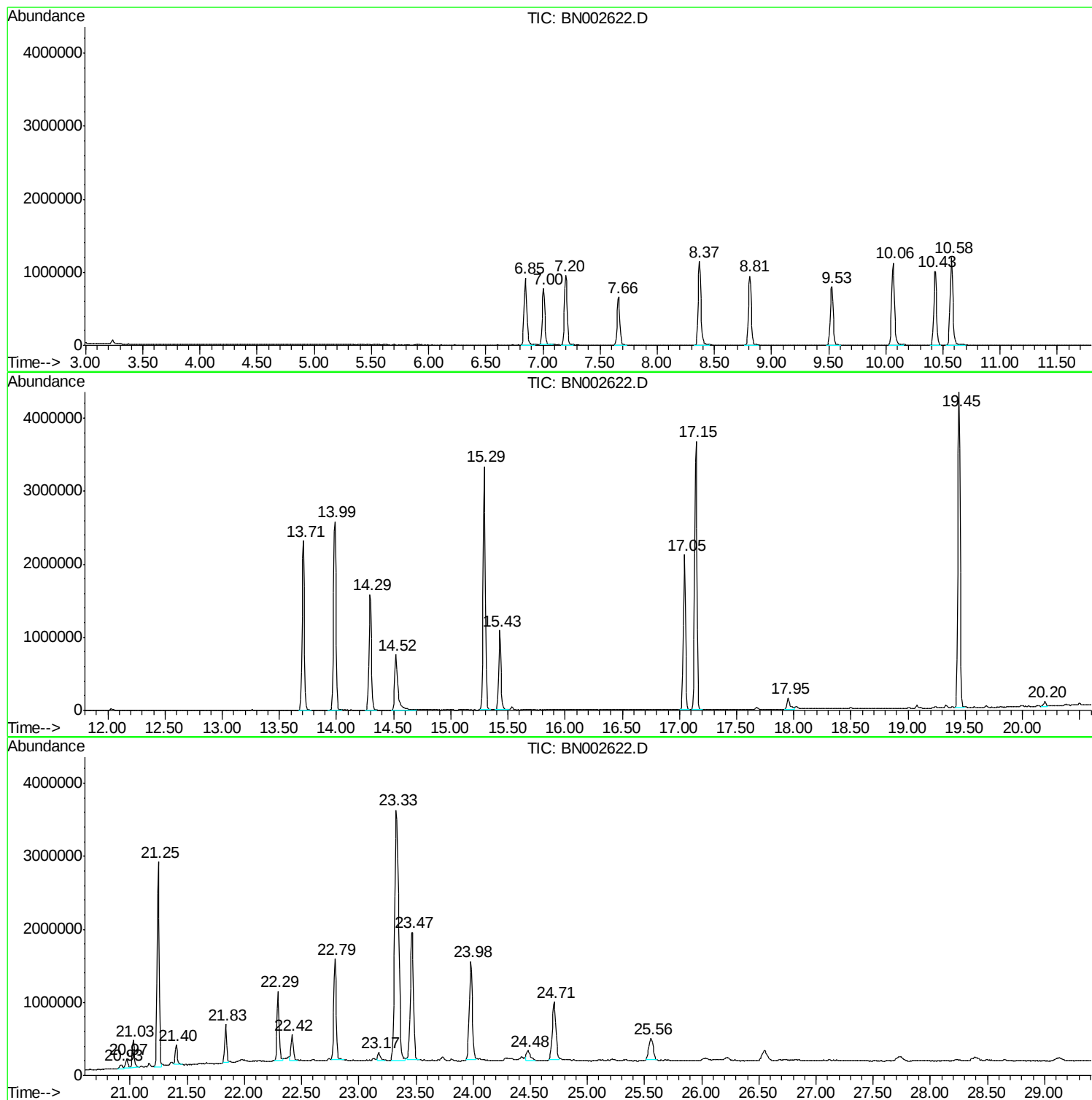
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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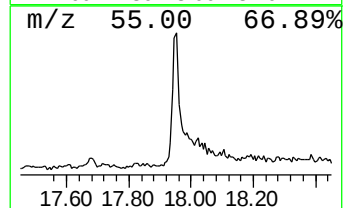
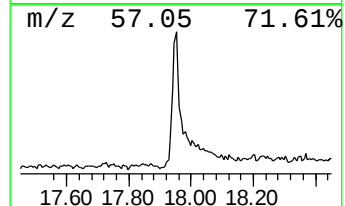
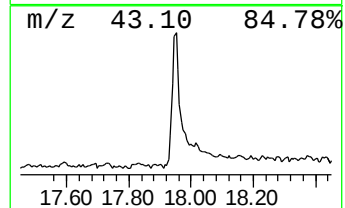
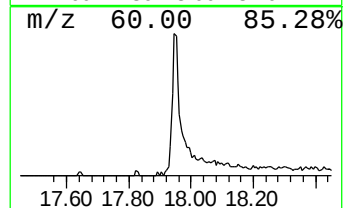
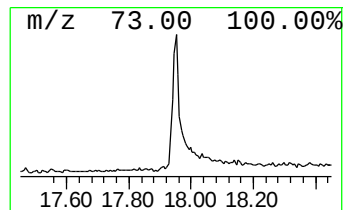
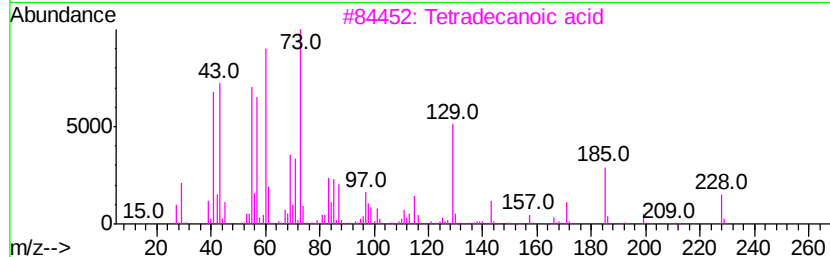
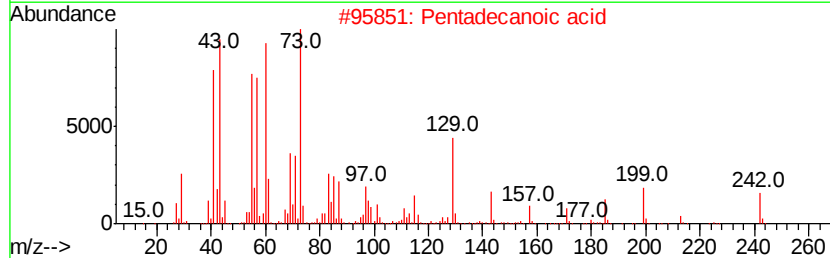
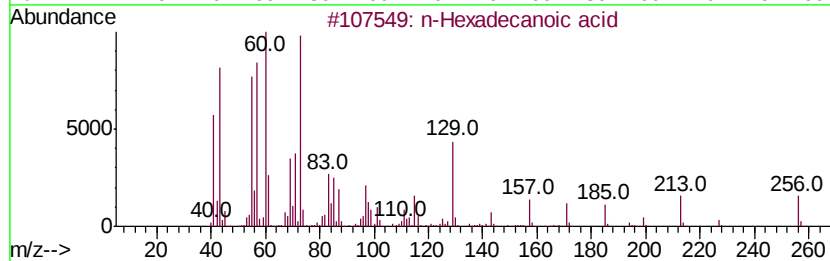
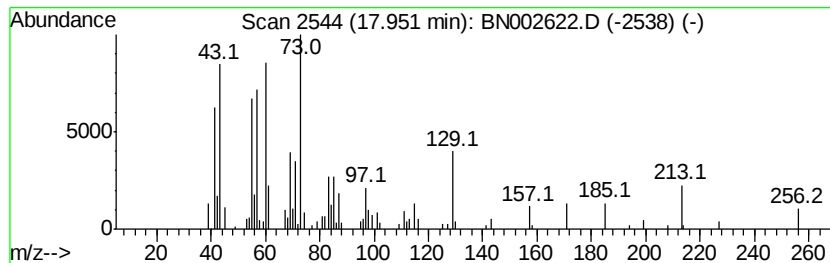
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.10 ng/ul	309234	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



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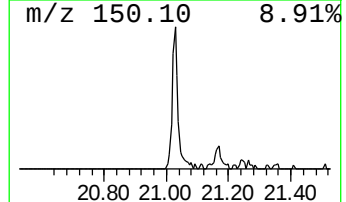
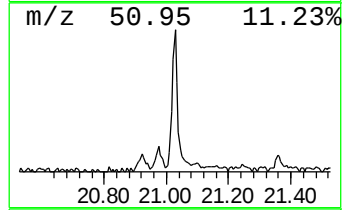
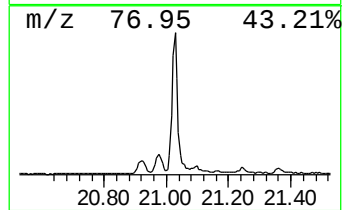
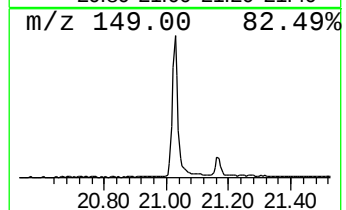
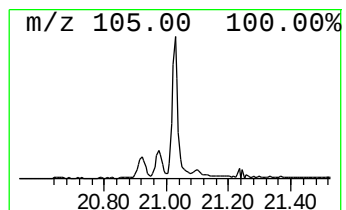
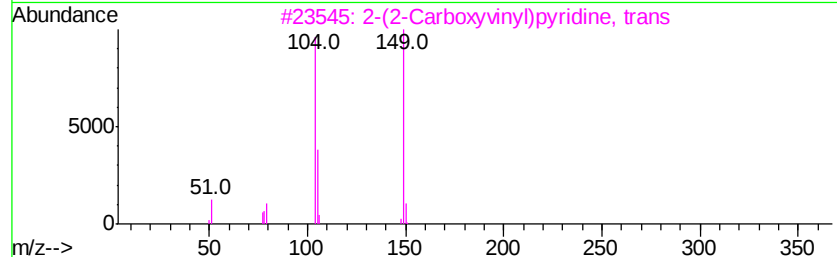
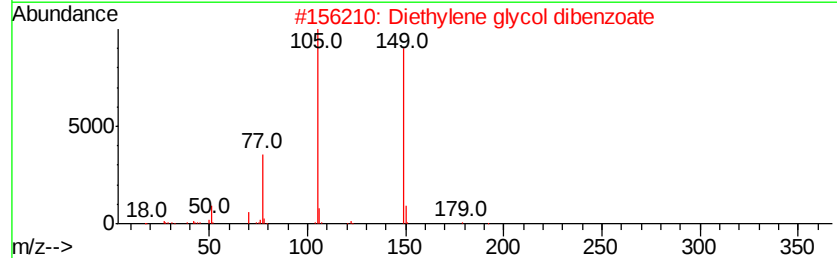
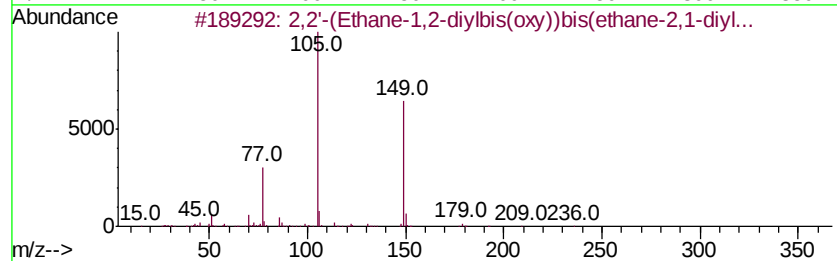
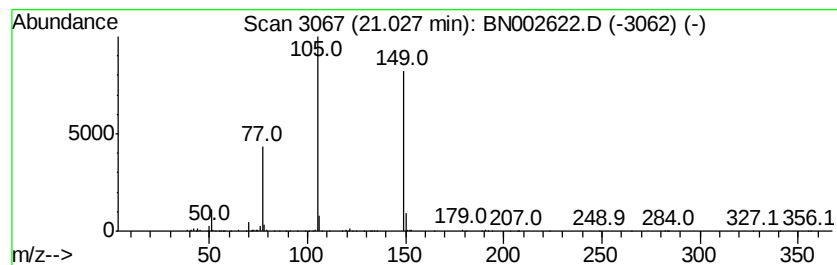
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.65 ng/ul	470524	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	64
2			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
3			2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
4			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5			4'-Nitrobenzanilide	242	C13H10N2O3	003393-96-2	35



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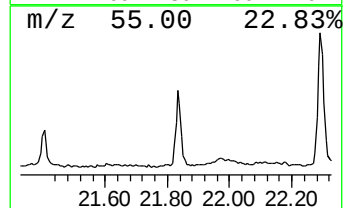
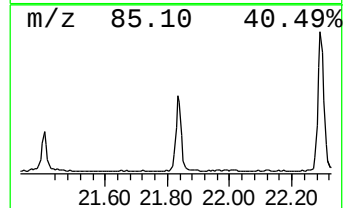
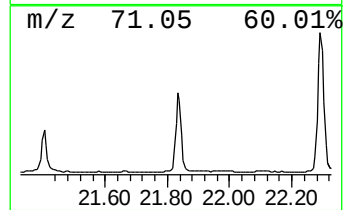
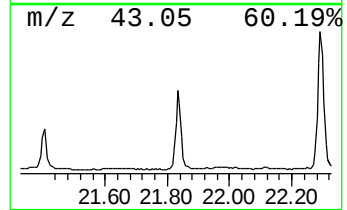
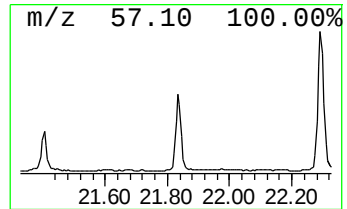
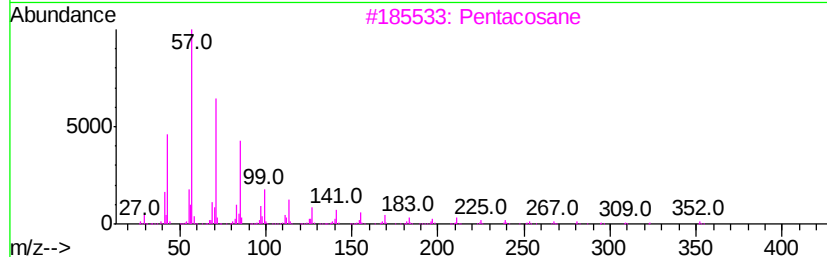
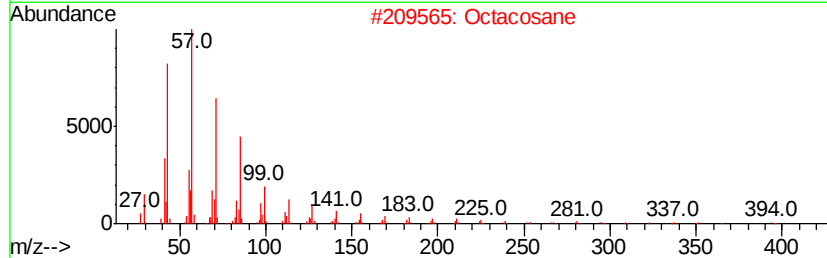
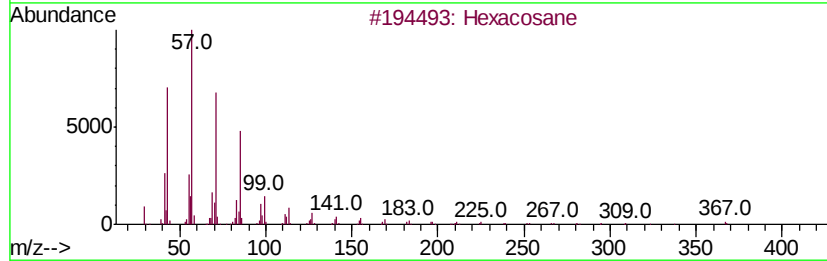
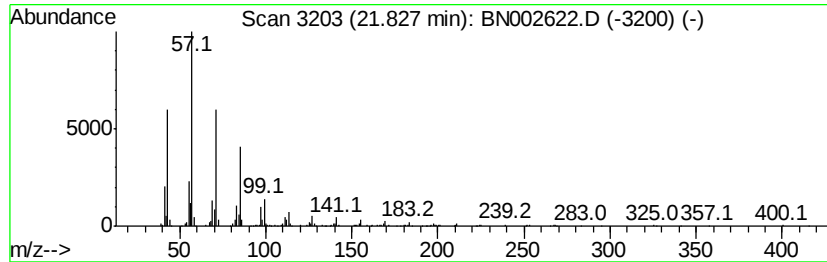
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.52 ng/ul	625019	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



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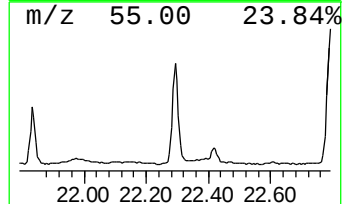
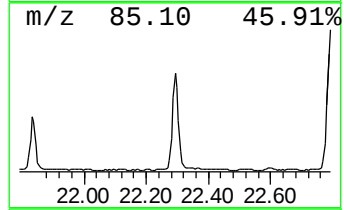
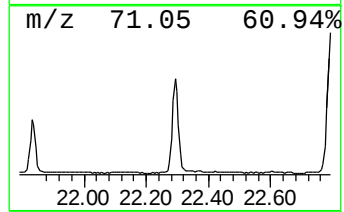
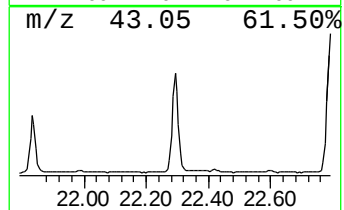
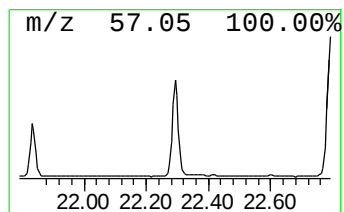
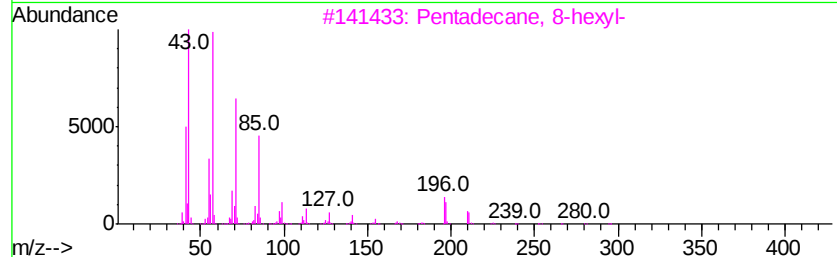
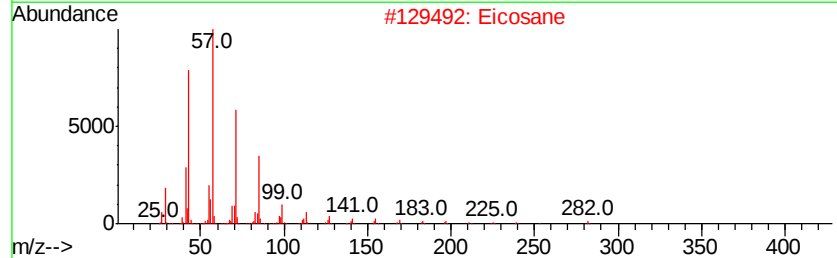
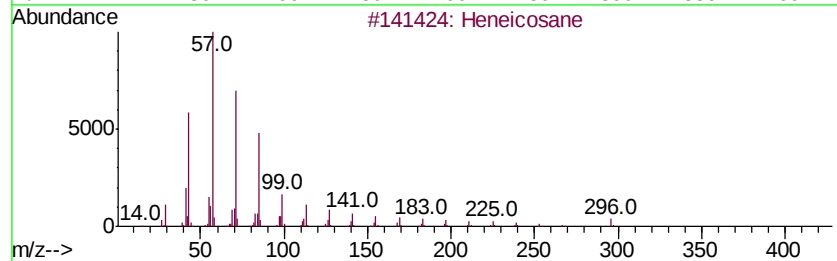
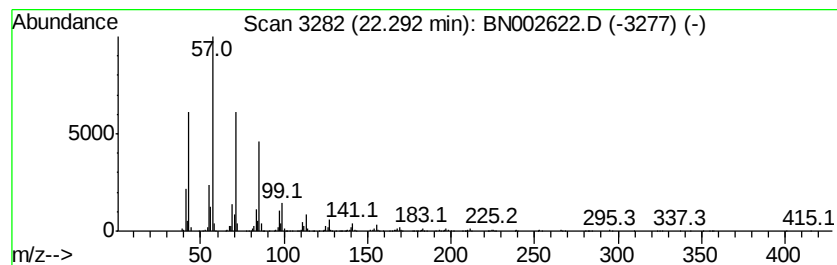
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	7.34 ng/ul	1304690	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	95
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



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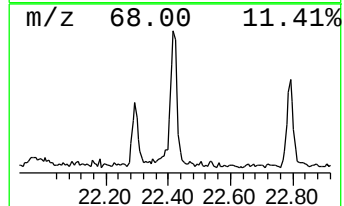
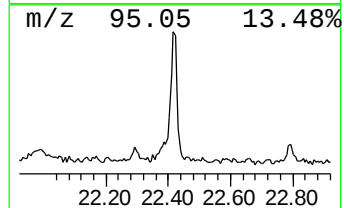
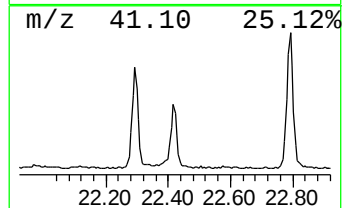
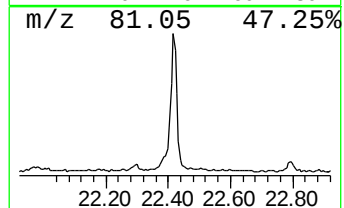
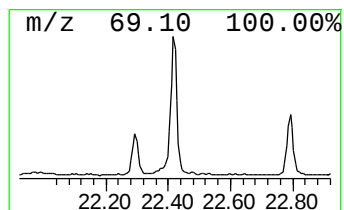
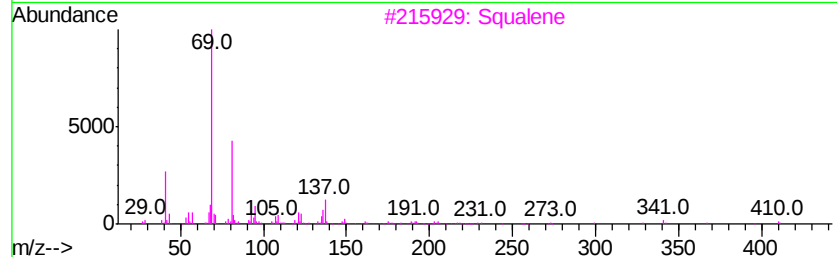
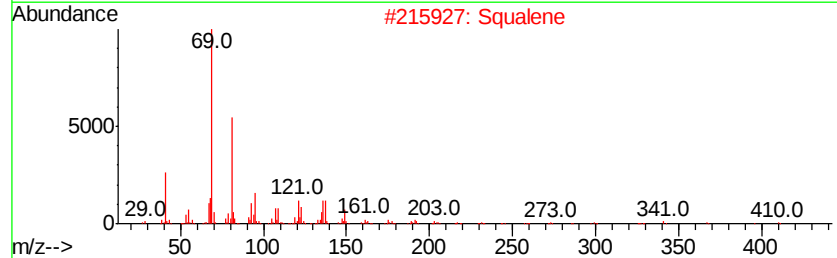
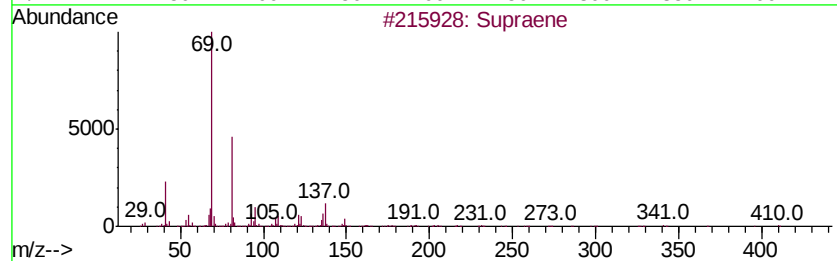
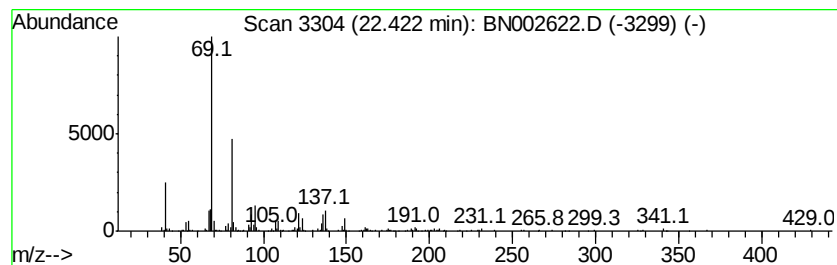
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Peak Number 5 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.99 ng/ul	506282	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	000111-02-4 90
3	Squalene		410 C30H50	000111-02-4 90
4	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 72
5	1,5-Heptadiene, 3,3,6-trimethyl-		138 C10H18	035387-63-4 50



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Operator : JU/SJ
Sample : PB112737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK37

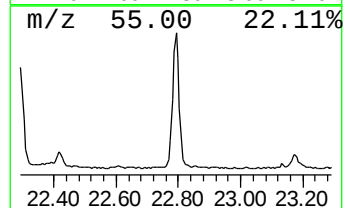
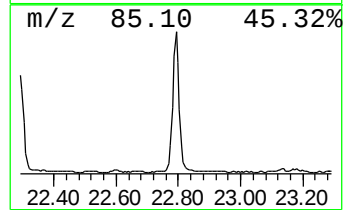
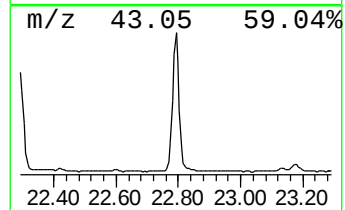
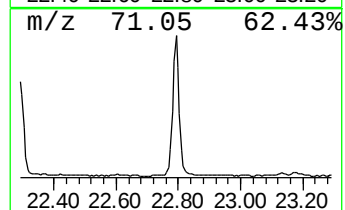
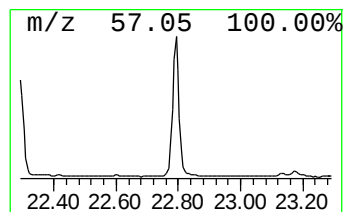
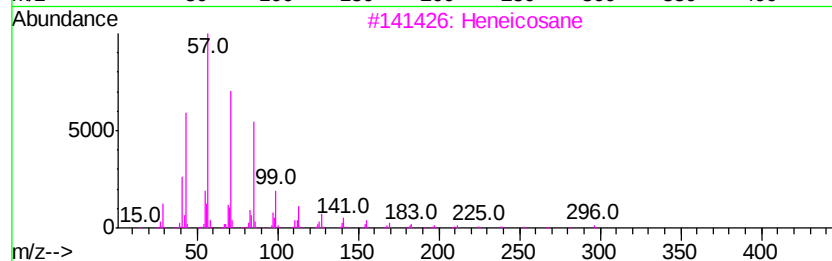
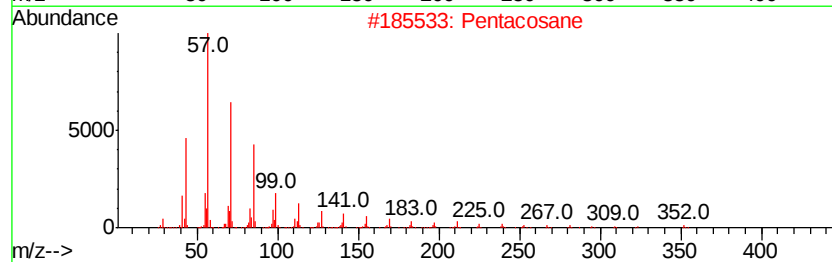
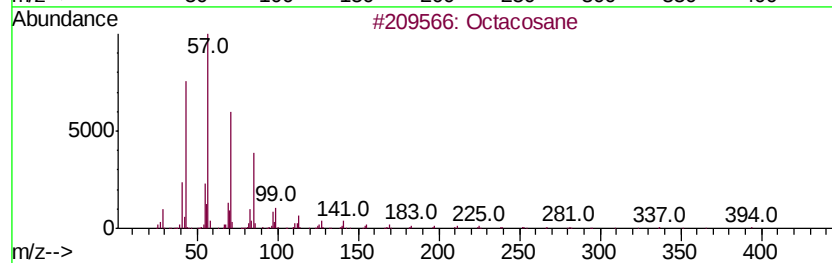
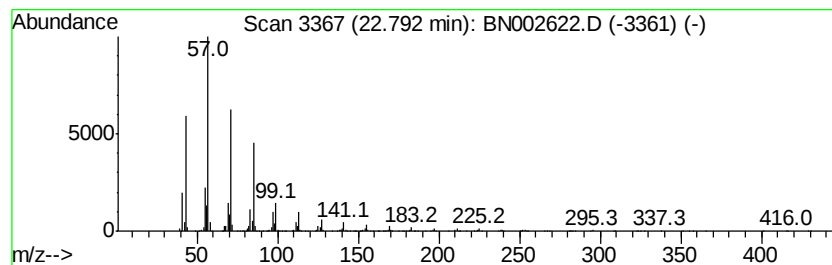
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	11.79 ng/ul	1994520	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	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\BN091118\
Data File : BN002622.D
Acq On : 11 Sep 2018 11:33
Operator : JU/SJ
Sample : PB112737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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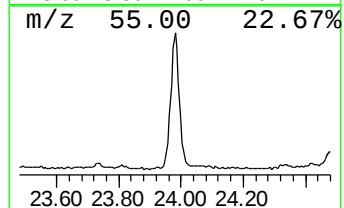
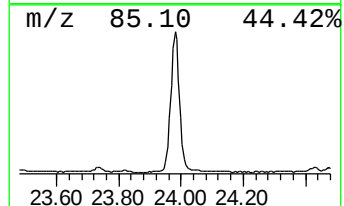
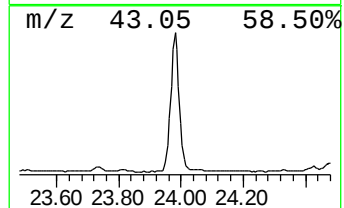
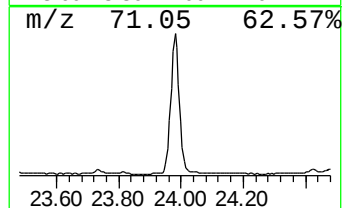
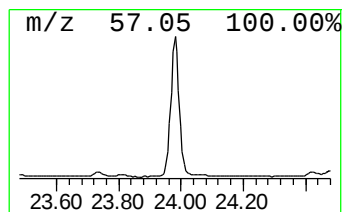
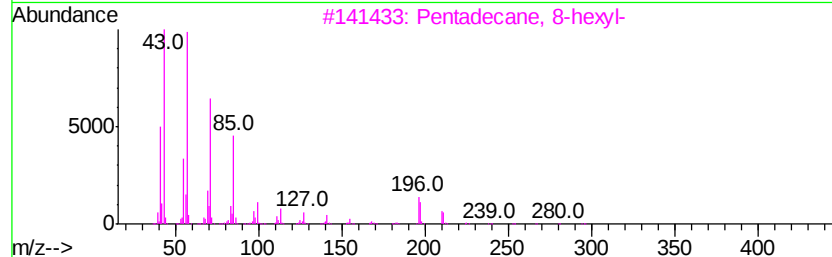
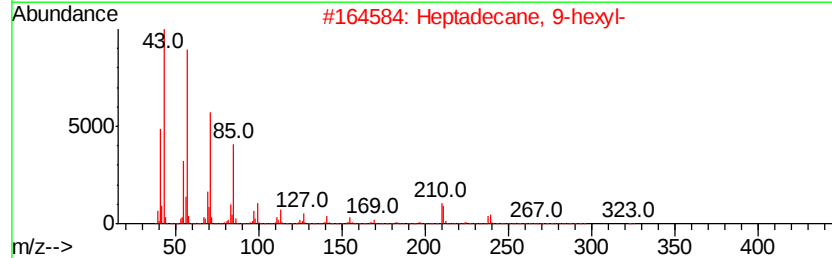
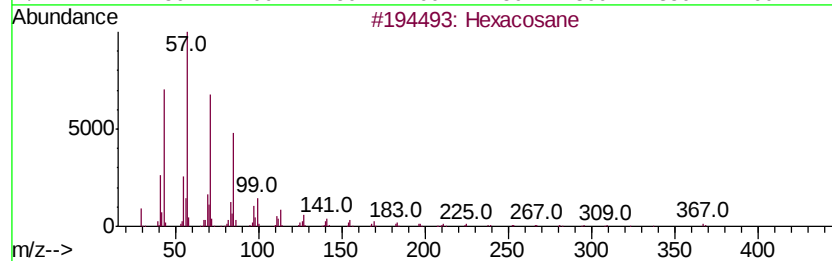
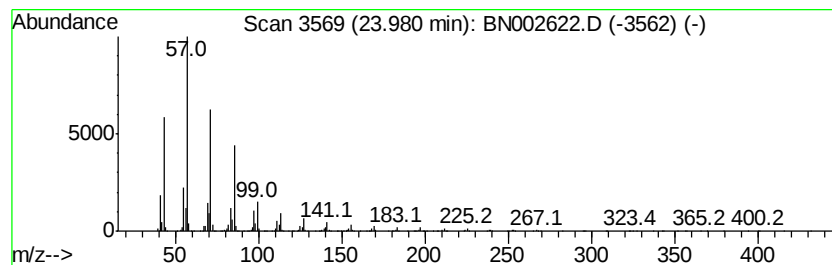
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	15.09 ng/ul	2552090	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002622.D
Acq On : 11 Sep 2018 11:33
Operator : JU/SJ
Sample : PB112737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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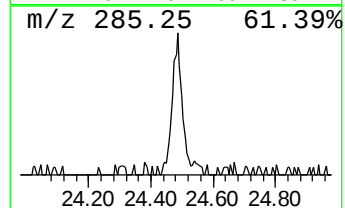
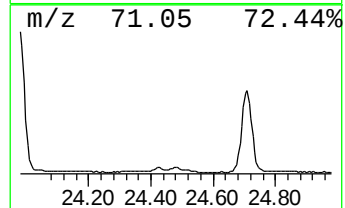
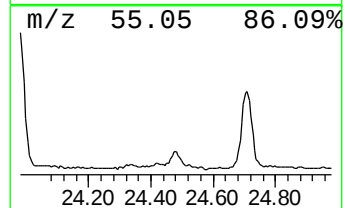
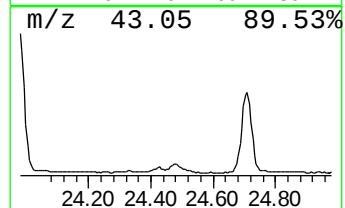
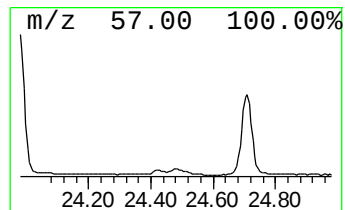
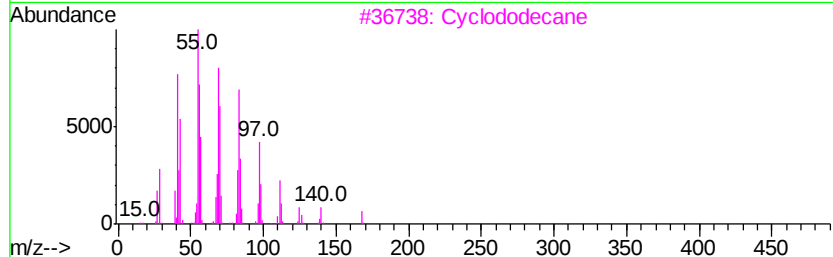
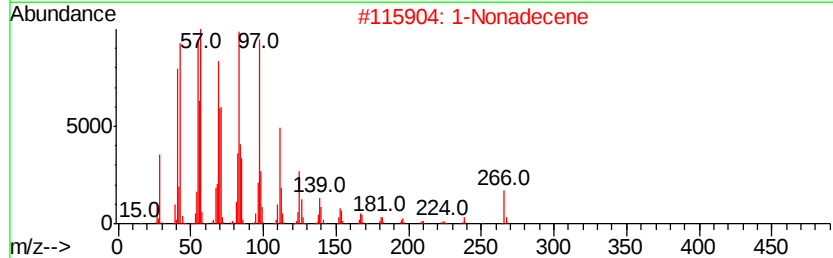
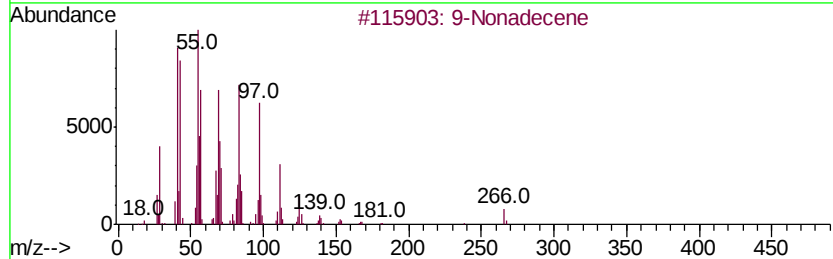
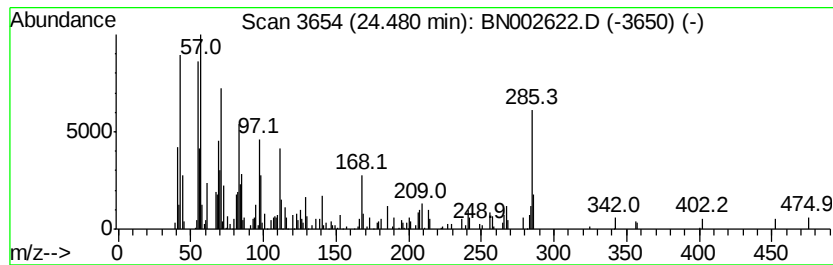
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic24.48 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	2.05 ng/ul	346269	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Nonadecene	266	C19H38	031035-07-1	72
2		1-Nonadecene	266	C19H38	018435-45-5	47
3		Cyclododecane	168	C12H24	000294-62-2	46
4		2-Hexyldodecyl acetate	312	C20H40O2	1000368-55-9	38
5		Z-5-Nonadecene	266	C19H38	1000131-11-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002622.D
Acq On : 11 Sep 2018 11:33
Operator : JU/SJ
Sample : PB112737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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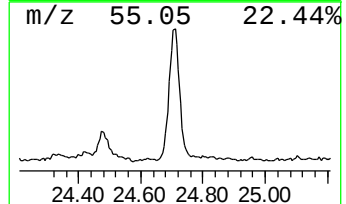
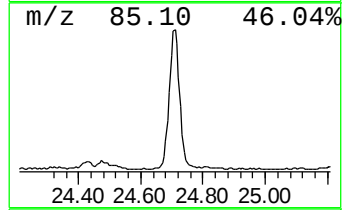
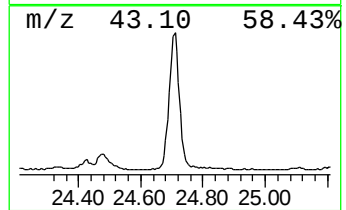
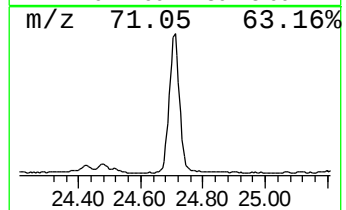
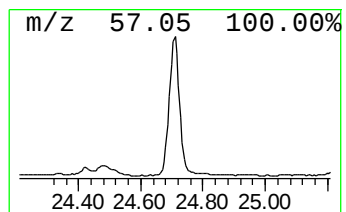
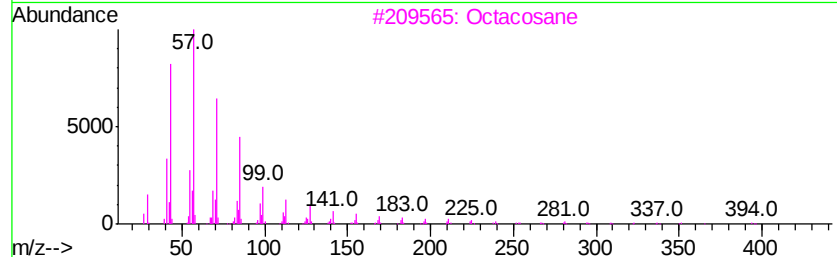
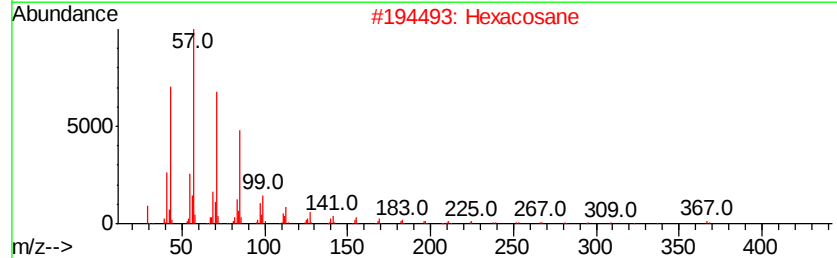
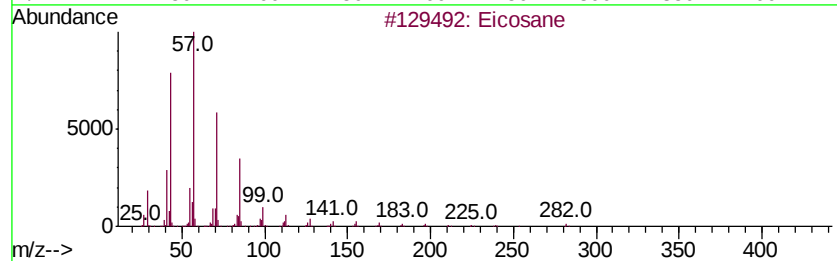
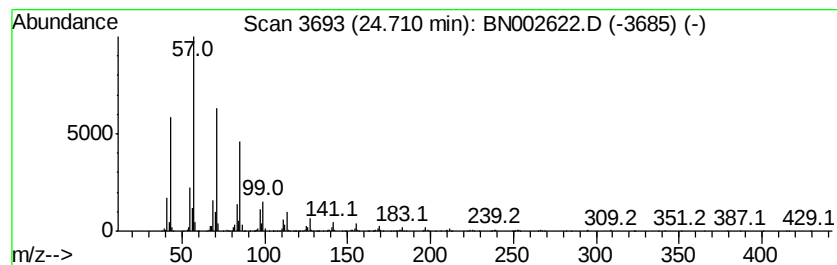
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	10.23 ng/ul	1729550	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002622.D
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Sample : PB112737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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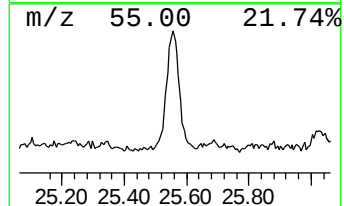
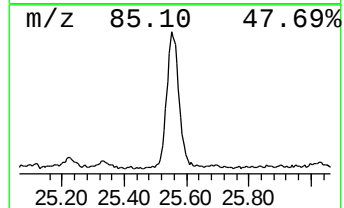
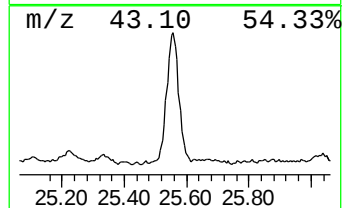
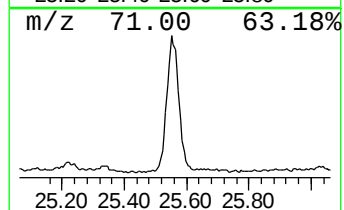
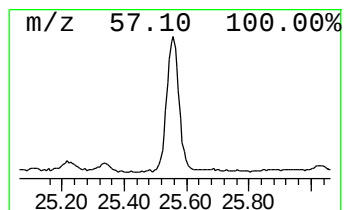
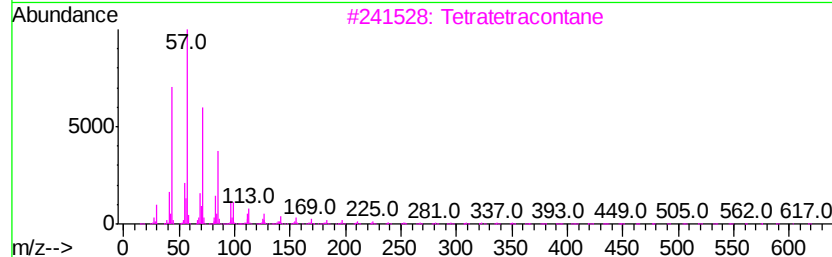
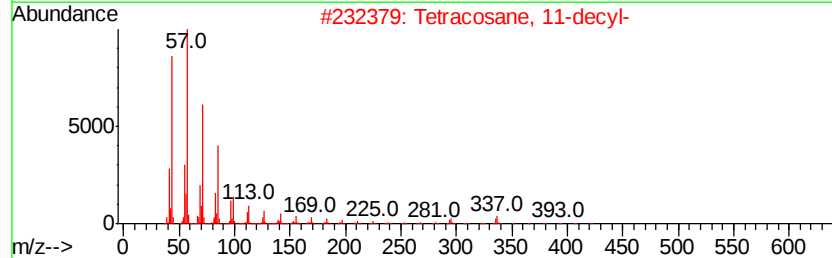
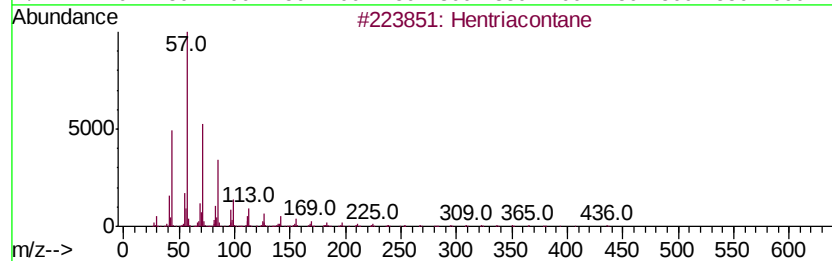
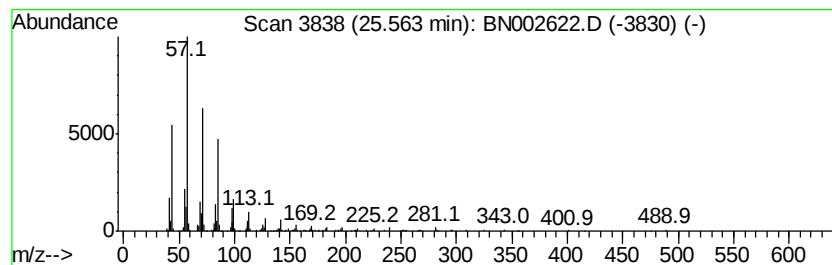
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	4.42 ng/ul	746950	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091118\
 Data File : BN002622.D
 Acq On : 11 Sep 2018 11:33
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 Sample : PB112737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2,2'-(Ethane-1,2-...	21.03	2.6	ng/ul	470524	5	21.25	3555030	20.0
(DEL) Alkane: Str...	21.83	3.5	ng/ul	625019	5	21.25	3555030	20.0
(DEL) Alkane: Str...	22.29	7.3	ng/ul	1304690	5	21.25	3555030	20.0
Supraene	22.42	3.0	ng/ul	506282	6	23.46	3382740	20.0
(DEL) Alkane: Str...	22.79	11.8	ng/ul	1994520	6	23.46	3382740	20.0
(DEL) Alkane: Str...	23.98	15.1	ng/ul	2552090	6	23.46	3382740	20.0
(DEL) Alkane: Cyc...	24.48	2.0	ng/ul	346269	6	23.46	3382740	20.0
(DEL) Alkane: Str...	24.71	10.2	ng/ul	1729550	6	23.46	3382740	20.0
(DEL) Alkane: Str...	25.56	4.4	ng/ul	746950	6	23.46	3382740	20.0