

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
 Data File : BN011188.D
 Acq On : 16 Jul 2020 13:56
 Operator : CG/JU
 Sample : L3260-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M72

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-BN071520MA.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	23	26	35	rBV	40573	59973	1.02%	0.057%
2	3.522	89	91	98	rVB6	4515	6172	0.11%	0.006%
3	3.769	130	133	139	rVV	39957	57090	0.97%	0.054%
4	3.816	139	141	148	rVB2	14620	23952	0.41%	0.023%
5	4.346	227	231	237	rVB5	6346	10770	0.18%	0.010%
6	4.699	285	291	296	rBV3	7582	12948	0.22%	0.012%
7	6.675	620	627	639	rBV	738218	1179414	20.07%	1.124%
8	6.834	646	654	665	rBV	576234	902963	15.36%	0.860%
9	7.022	678	686	697	rBV	852144	1303074	22.17%	1.241%
10	7.128	701	704	707	rBV2	5678	6959	0.12%	0.007%
11	7.481	758	764	774	rBV	564859	870293	14.81%	0.829%
12	7.928	834	840	847	rBV	1203361	1740170	29.61%	1.658%
13	8.187	877	884	889	rBV	1152896	1773393	30.17%	1.690%
14	8.246	889	894	906	rVB	1312872	1988219	33.83%	1.894%
15	8.616	951	957	968	rBV	790310	1318112	22.43%	1.256%
16	9.081	1029	1036	1040	rBV2	5955	10299	0.18%	0.010%
17	9.334	1072	1079	1091	rBV	628005	1023651	17.42%	0.975%
18	9.863	1162	1169	1180	rBV	1075656	1725407	29.36%	1.644%
19	10.234	1224	1232	1236	rBV	762893	1295352	22.04%	1.234%
20	10.281	1236	1240	1249	rVB	984028	1542682	26.25%	1.470%
21	10.381	1249	1257	1275	rBV2	1063283	2625838	44.68%	2.502%
22	10.575	1283	1290	1299	rVB	978832	1483775	25.25%	1.414%
23	11.193	1386	1395	1419	rBV5	80447	302754	5.15%	0.288%
24	11.834	1498	1504	1509	rBV	13023	21604	0.37%	0.021%
25	12.598	1628	1634	1656	rBV	1759606	2781060	47.32%	2.650%
26	13.434	1771	1776	1782	rBV3	38288	52889	0.90%	0.050%
27	13.539	1788	1794	1798	rBV	2184144	2970076	50.54%	2.830%
28	13.586	1798	1802	1813	rVV	1753838	2436847	41.46%	2.322%
29	13.704	1815	1822	1832	rVV	1527212	2134561	36.32%	2.034%
30	13.804	1832	1839	1852	rVV	2217112	3200015	54.45%	3.049%
31	13.963	1863	1866	1872	rVB2	6563	7949	0.14%	0.008%
32	14.116	1885	1892	1904	rBV2	1251450	1753535	29.84%	1.671%
33	14.339	1924	1930	1935	rBV	792581	1187399	20.20%	1.131%
34	14.398	1935	1940	1954	rVB	2115445	3019829	51.38%	2.877%

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35	15.122	2056	2063	2067	rBV	2898032	3996459	68.00%	3.808%
36	15.175	2067	2072	2079	rVV	4281955	5877237	100.00%	5.599%
37	15.257	2079	2086	2099	rVV2	1264162	2445628	41.61%	2.330%
38	15.363	2099	2104	2109	rVB	32384	46757	0.80%	0.045%
39	15.428	2109	2115	2120	rBV2	32063	43024	0.73%	0.041%
40	15.910	2192	2197	2200	rVB3	9484	11939	0.20%	0.011%
41	16.175	2236	2242	2253	rBV	602747	767090	13.05%	0.731%
42	16.551	2304	2306	2312	rBV4	4407	6482	0.11%	0.006%
43	16.698	2327	2331	2336	rVB	8117	10297	0.18%	0.010%
44	16.869	2354	2360	2364	rBV	1652731	2369080	40.31%	2.257%
45	16.910	2364	2367	2372	rVV	1878270	2598162	44.21%	2.475%
46	16.969	2372	2377	2391	rVB	3332879	4718616	80.29%	4.496%
47	17.245	2420	2424	2429	rBV4	9203	13474	0.23%	0.013%
48	17.886	2525	2533	2546	rVV	1299704	2027918	34.50%	1.932%
49	18.280	2595	2600	2606	rBV	2423783	3310847	56.33%	3.154%
50	18.698	2668	2671	2675	rBV5	14722	17824	0.30%	0.017%
51	18.916	2704	2708	2713	rBV2	28285	35919	0.61%	0.034%
52	19.169	2747	2751	2752	rBV	29951	31708	0.54%	0.030%
53	19.186	2752	2754	2758	rVB	28092	33674	0.57%	0.032%
54	19.280	2763	2770	2773	rBV	4022074	5775686	98.27%	5.503%
55	19.310	2773	2775	2780	rVB	2099147	2208036	37.57%	2.104%
56	20.351	2948	2952	2962	rBV	154987	225989	3.85%	0.215%
57	21.021	3061	3066	3072	rBV	1644523	1977906	33.65%	1.884%
58	21.092	3073	3078	3085	rVV	2208997	2690899	45.79%	2.564%
59	21.533	3148	3153	3160	rBV	4516035	4795587	81.60%	4.569%
60	21.710	3181	3183	3188	rVB3	87619	98078	1.67%	0.093%
61	22.151	3255	3258	3263	rBV2	214111	275830	4.69%	0.263%
62	22.574	3325	3330	3336	rVB	2956688	4139566	70.43%	3.944%
63	22.633	3336	3340	3346	rVB2	362411	480740	8.18%	0.458%
64	23.098	3412	3419	3426	rBV	3203954	5486438	93.35%	5.227%
65	23.168	3426	3431	3435	rVV	457011	703846	11.98%	0.671%
66	23.227	3435	3441	3448	rVB	1543830	2593046	44.12%	2.470%
67	23.768	3528	3533	3541	rVB	435266	746909	12.71%	0.712%
68	24.462	3645	3651	3658	rVB	434783	836128	14.23%	0.797%
69	25.256	3782	3786	3795	rVB2	264907	585223	9.96%	0.558%
70	25.945	3895	3903	3912	rVB	825409	2150635	36.59%	2.049%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

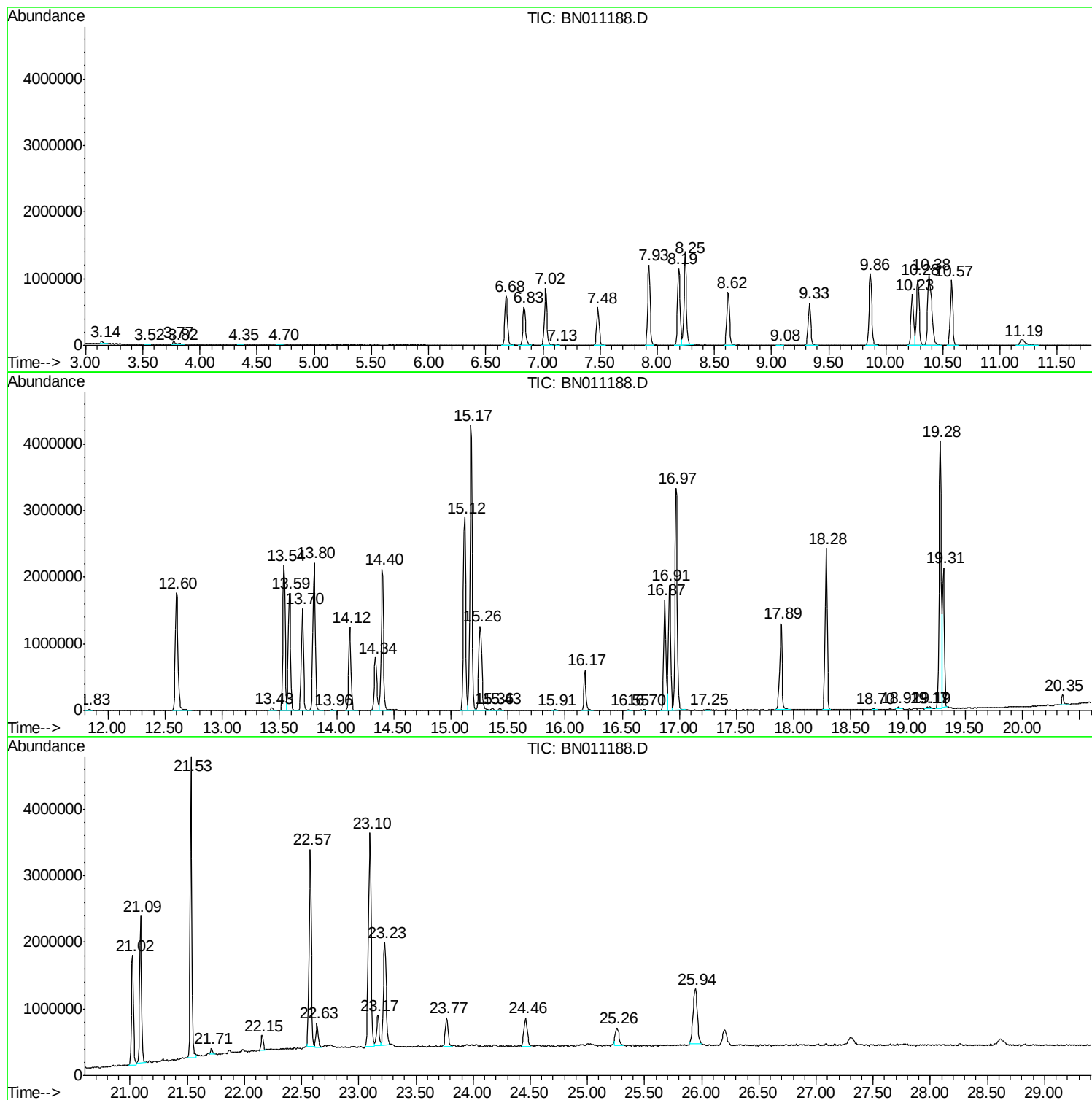
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

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



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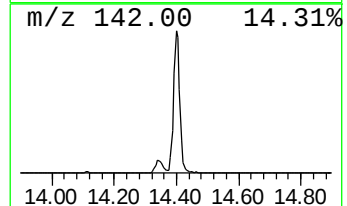
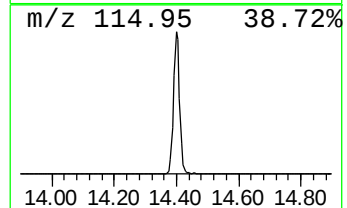
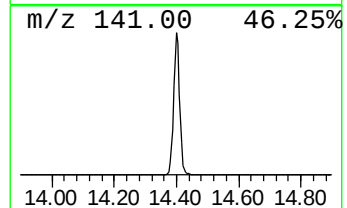
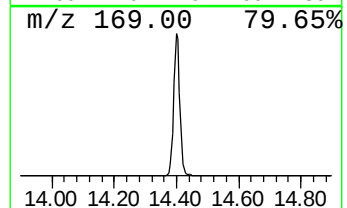
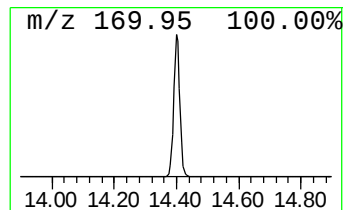
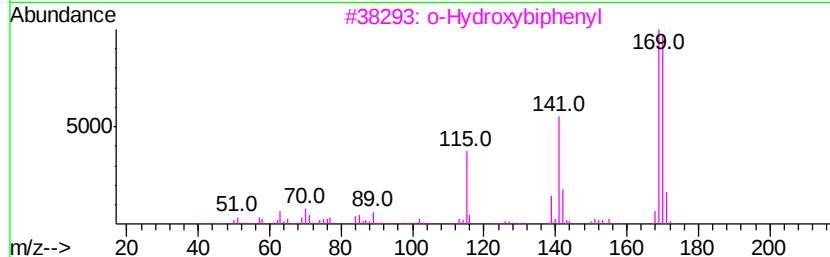
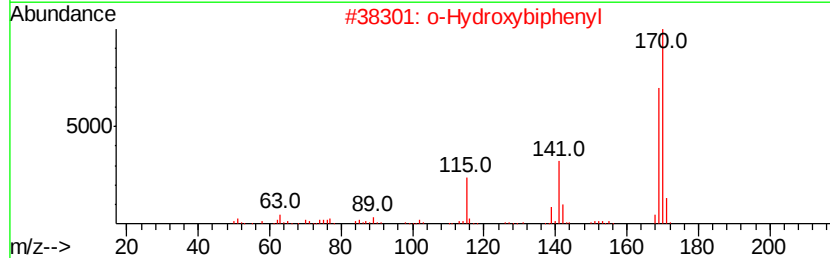
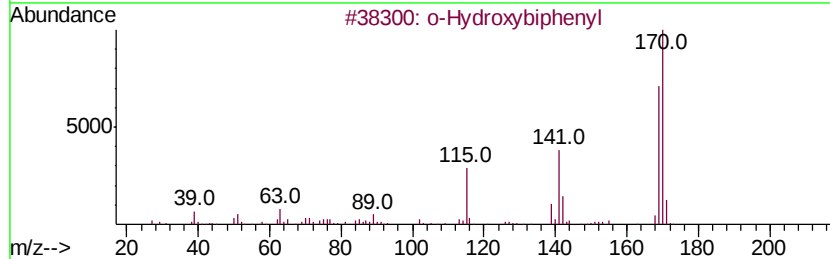
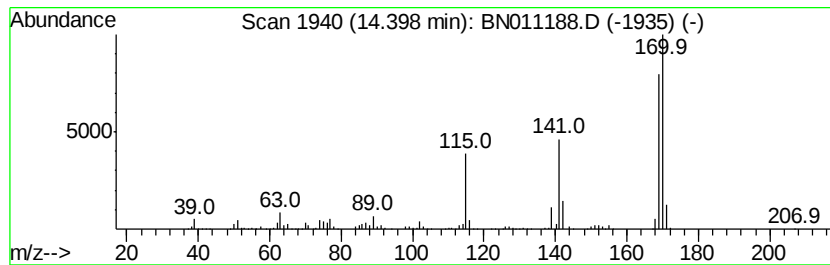
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	34.44 ng/ul	3019830	Acenaphthene-d10	14.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 96
2		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 95
3		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 94
4		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 94
5		o-Hydroxybiphenyl	170 C12H10O	000090-43-7 81



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Misc :
ALS Vial : 4 Sample Multiplier: 1

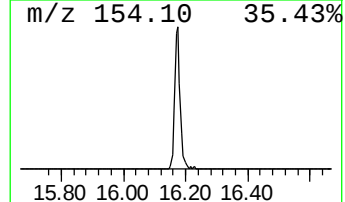
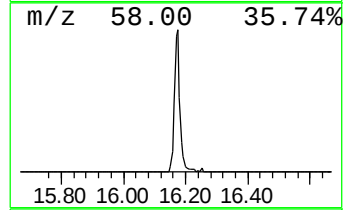
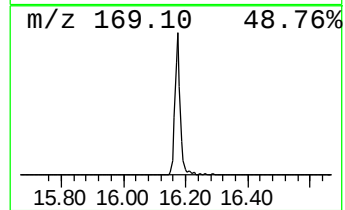
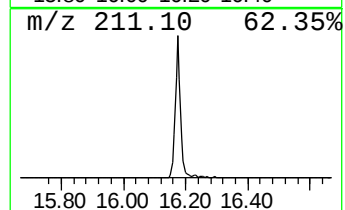
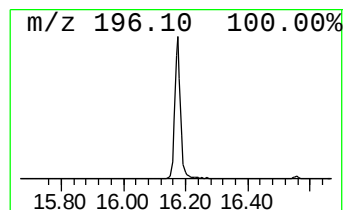
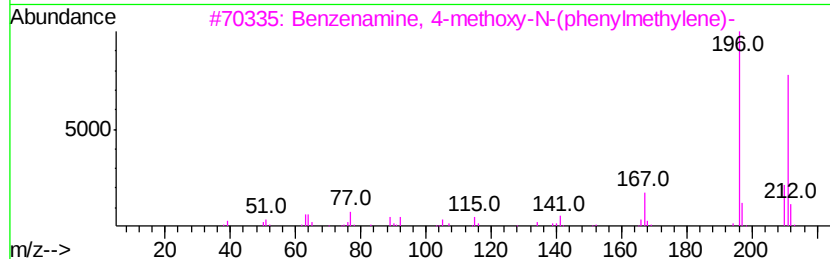
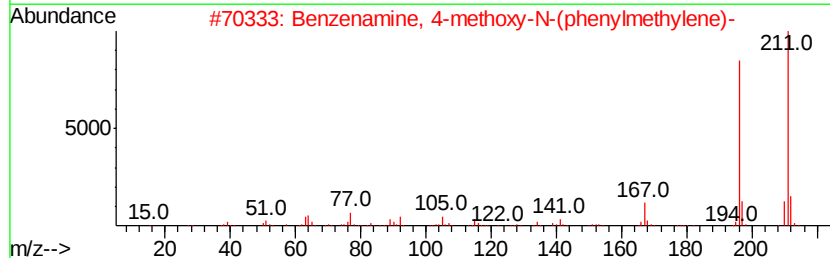
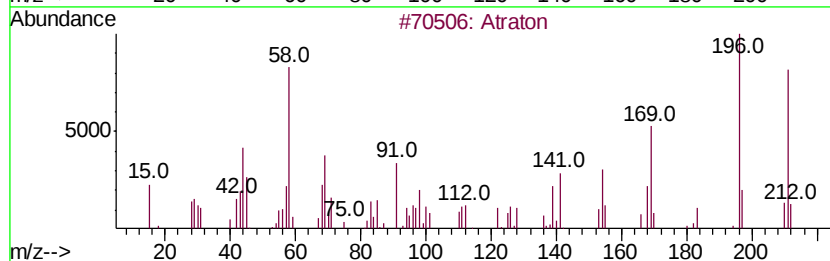
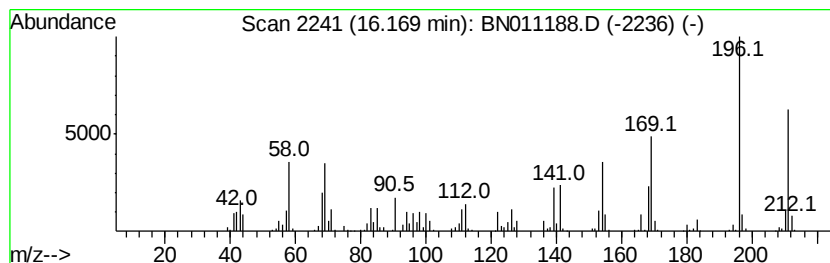
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Atraton Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.17	6.48 ng/ul	767090	Phenanthrene-d10	16.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Atraton	211	C9H17N5O	001610-17-9	64
2	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	43
3	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	38
4	1-[2-(Methylthio)-5-nitrophenyl]...	211	C9H9NO3S	1000266-40-0	38
5	Carbamic acid, 2,5-dimethoxyphen...	211	C10H13NO4	1000314-75-3	38



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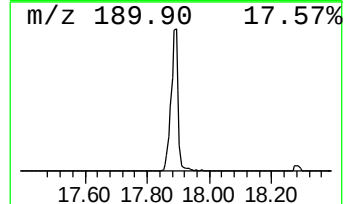
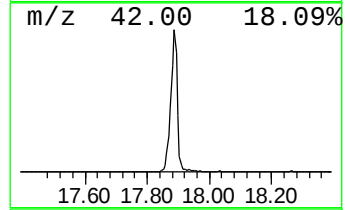
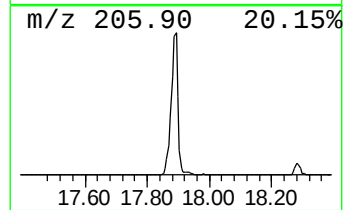
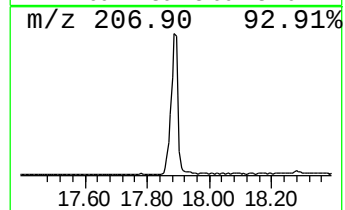
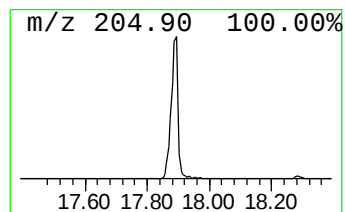
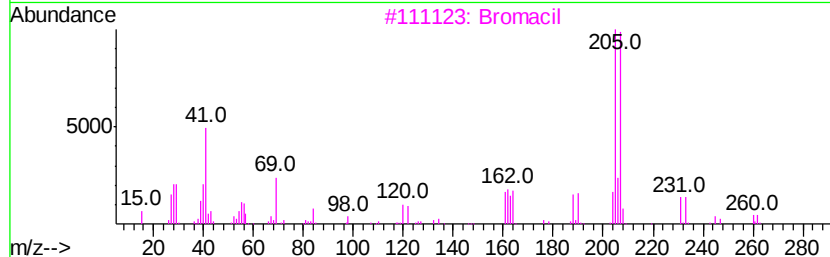
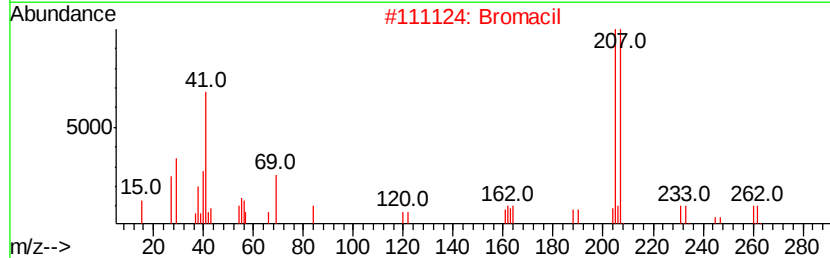
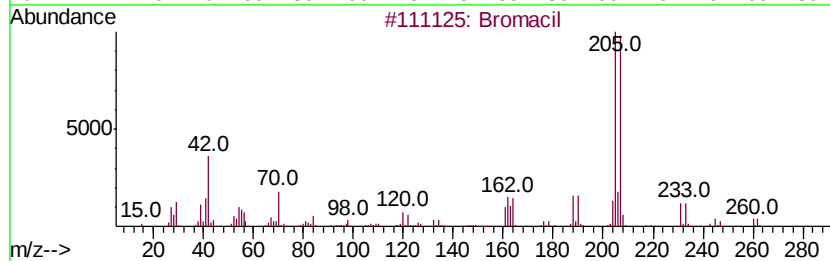
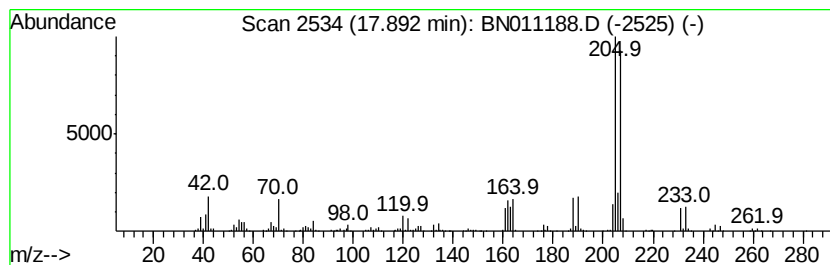
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bromacil Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	17.12 ng/ul	2027920	Phenanthrene-d10	16.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil		260	C9H13BrN2O2	000314-40-9	99
2	Bromacil		260	C9H13BrN2O2	000314-40-9	93
3	Bromacil		260	C9H13BrN2O2	000314-40-9	60
4	5-Acetamido-2,4-dichlorobenzoic ...		247	C9H7Cl2NO3	050602-49-8	59
5	Benzoic acid, 3-amino-2,5-dichloro-		205	C7H5Cl2NO2	000133-90-4	45



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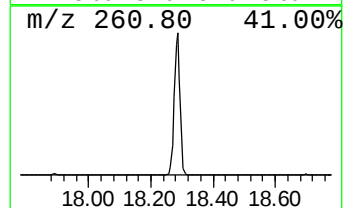
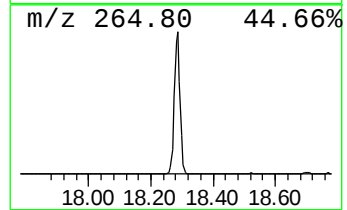
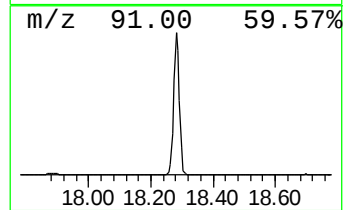
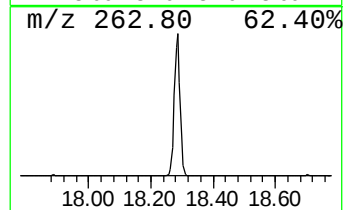
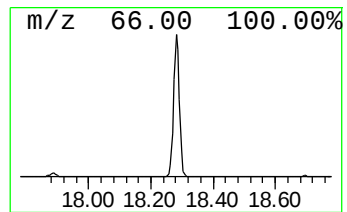
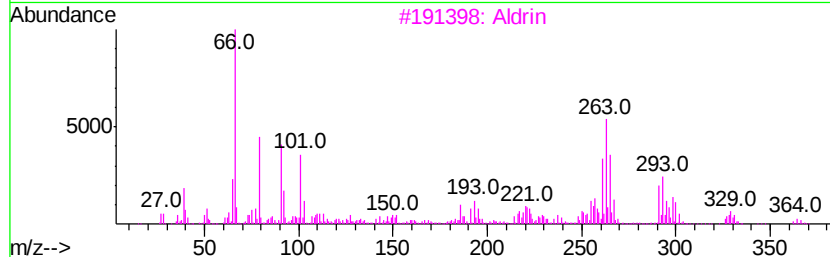
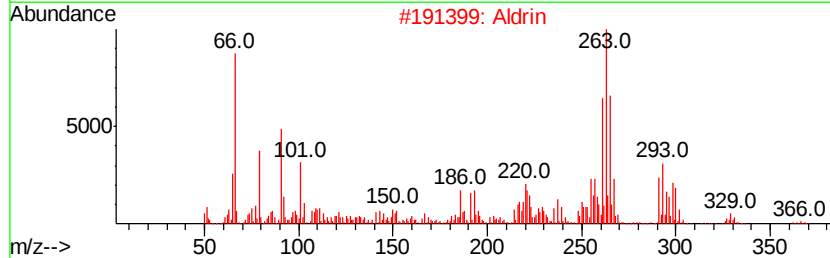
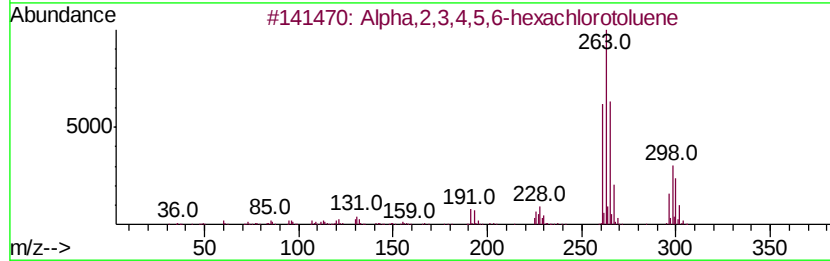
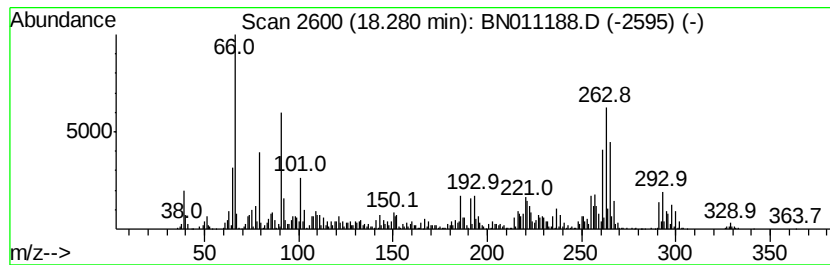
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Alpha,2,3,4,5,6-hexachlorot... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	27.95 ng/ul	3310850	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Alpha,2,3,4,5,6-hexachlorotoluene	296	C7H2Cl6	002136-78-9	92
2		Aldrin	362	C12H8Cl6	000309-00-2	91
3		Aldrin	362	C12H8Cl6	000309-00-2	72
4		Bicyclo[2.2.1]hept-5-ene-2-aceti...	180	C11H16O2	074876-17-8	49
5		Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011188.D
Acq On : 16 Jul 2020 13:56
Operator : CG/JU
Sample : L3260-02
Misc :
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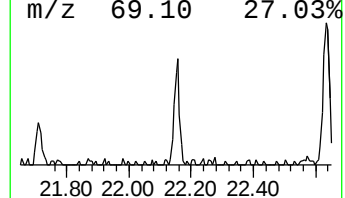
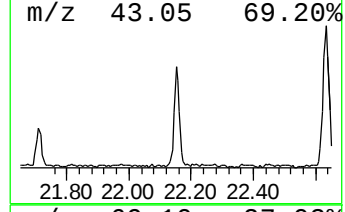
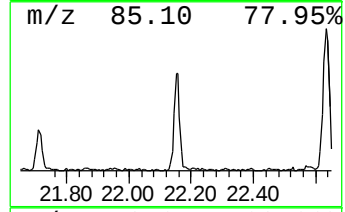
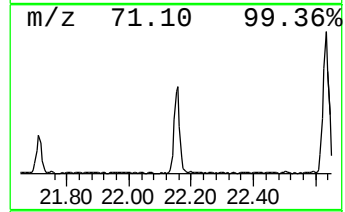
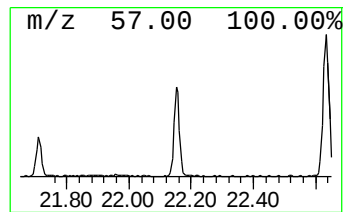
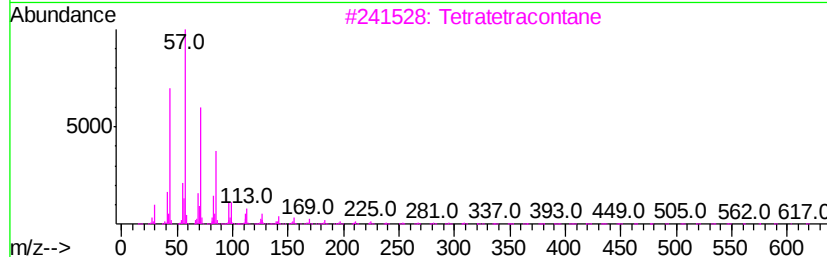
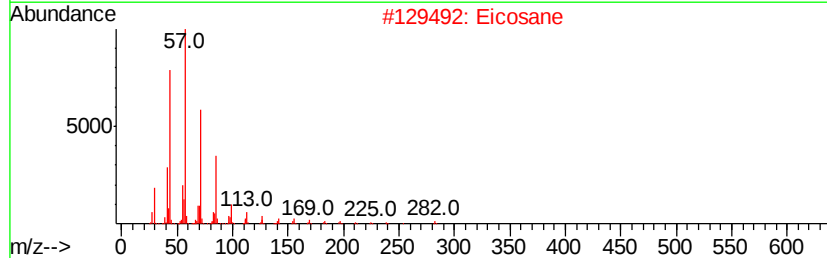
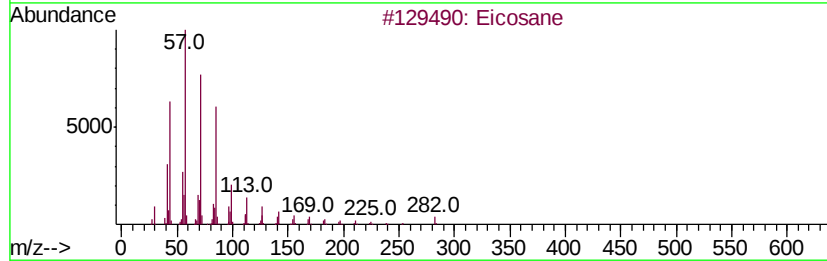
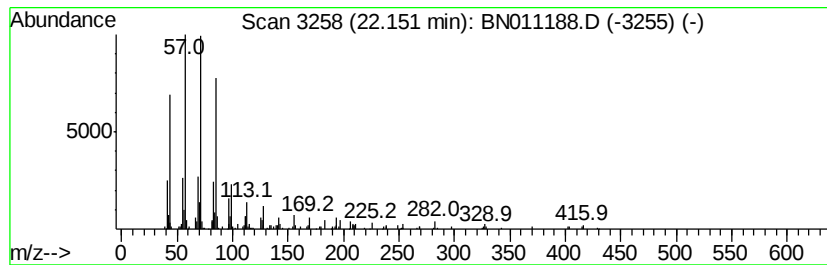
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.15	2.05 ng/ul	275830	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Eicosane		282	C20H42	000112-95-8	93
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	90
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011188.D
Acq On : 16 Jul 2020 13:56
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Sample : L3260-02
Misc :
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ClientSampleId :
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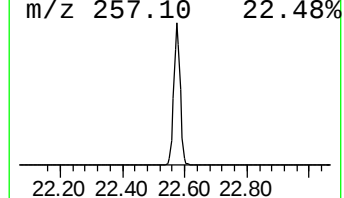
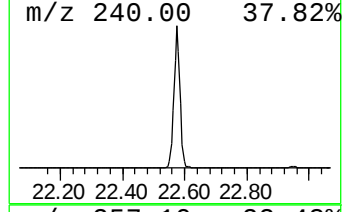
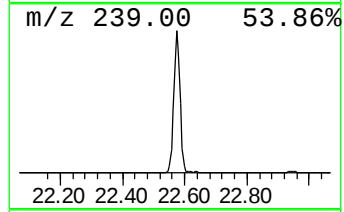
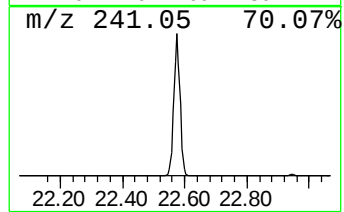
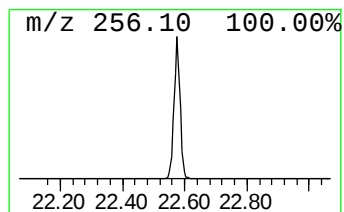
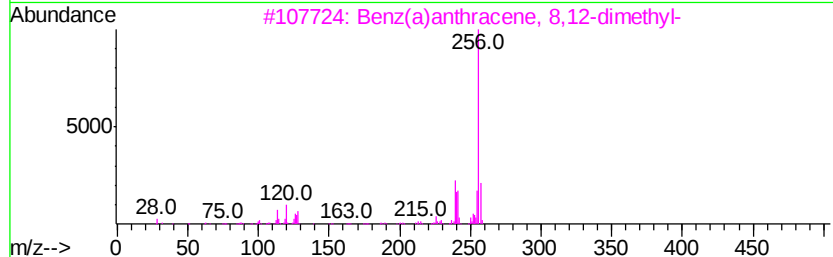
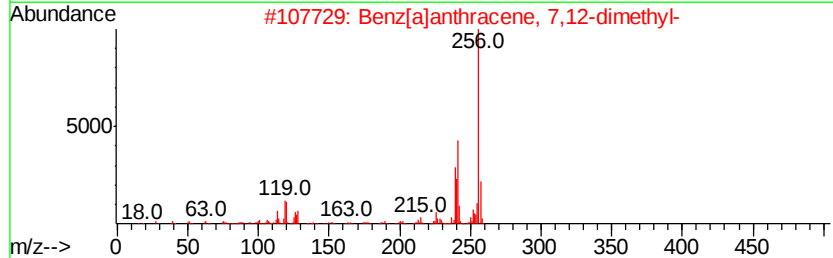
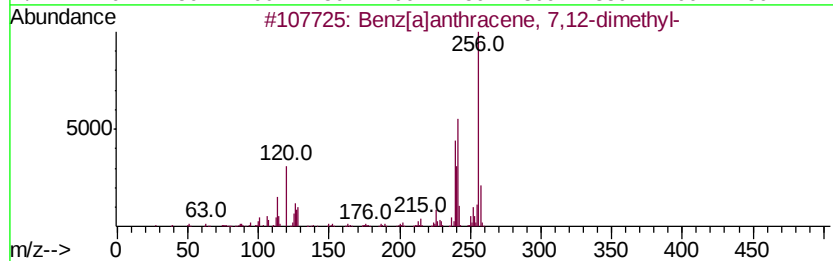
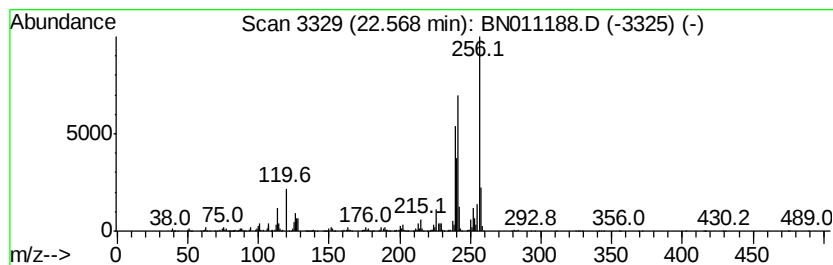
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benz[a]anthracene, 7,12-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	31.93 ng/ul	4139570	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	99
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	94
3		Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93
4		Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93
5		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011188.D
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Sample : L3260-02
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ClientSampleId :
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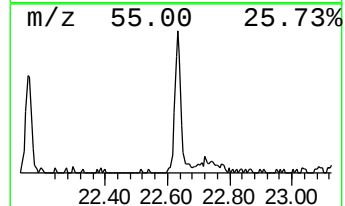
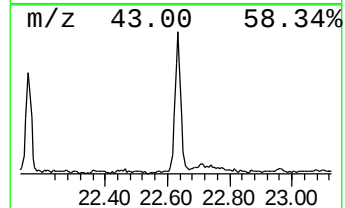
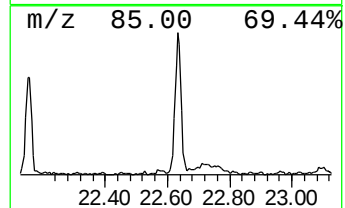
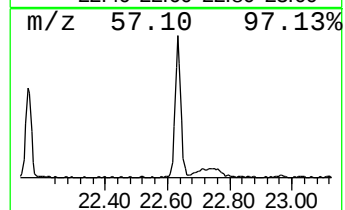
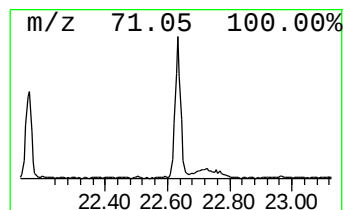
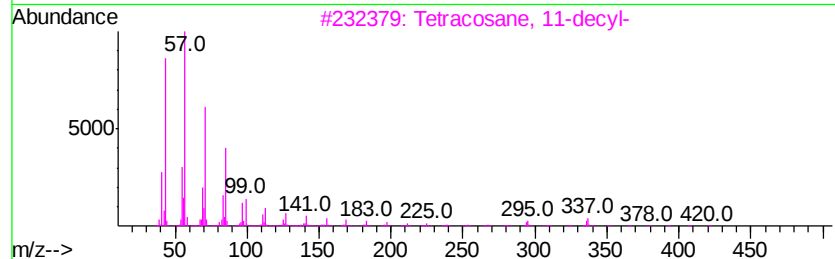
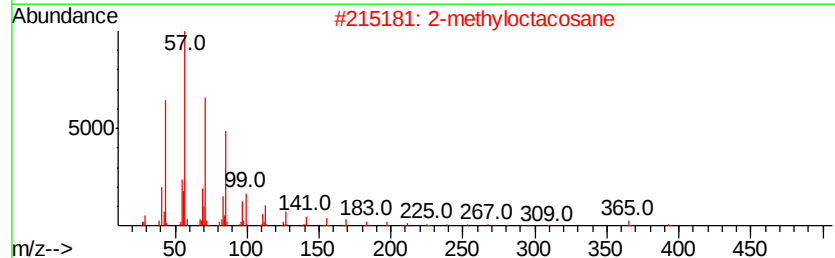
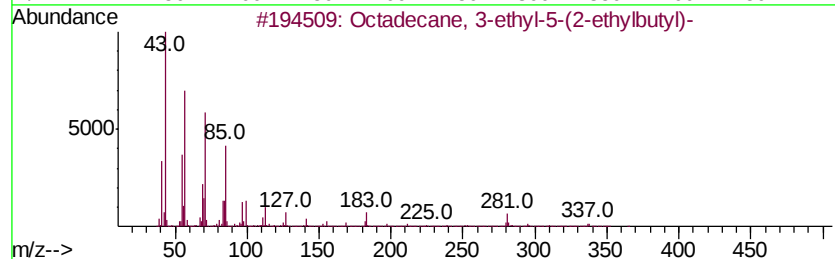
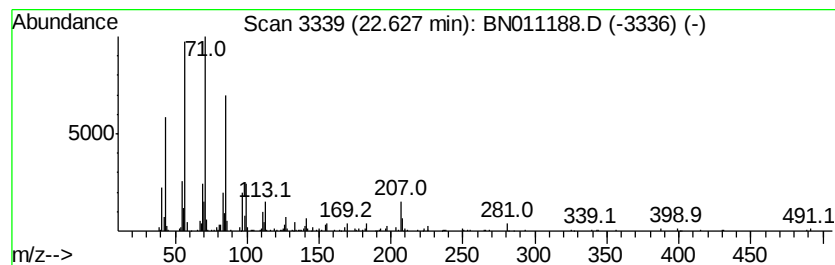
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.71 ng/ul	480740	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	83
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Tetratetracontane	619	C44H90	007098-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
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Misc :
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ClientSampleId :
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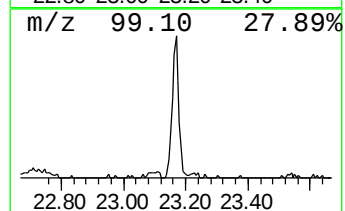
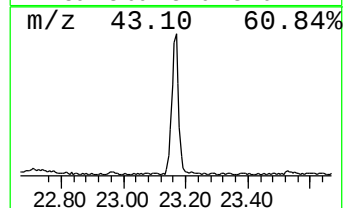
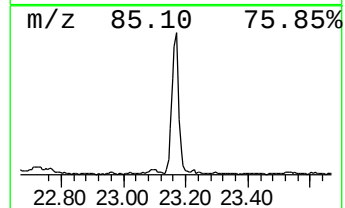
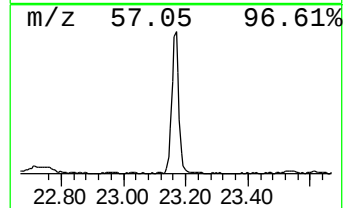
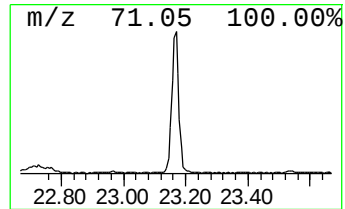
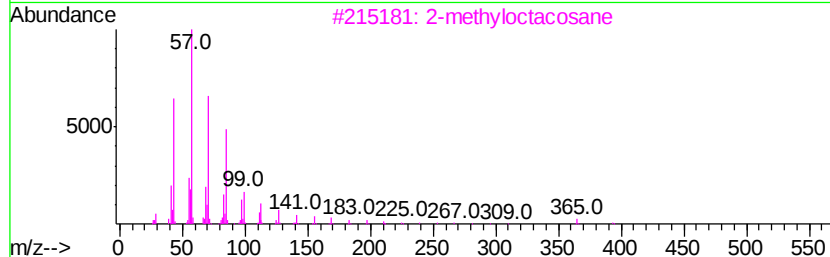
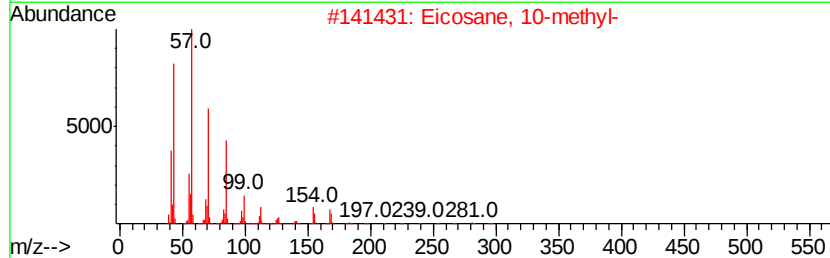
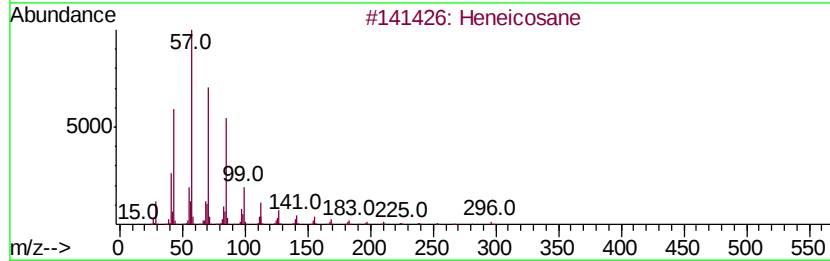
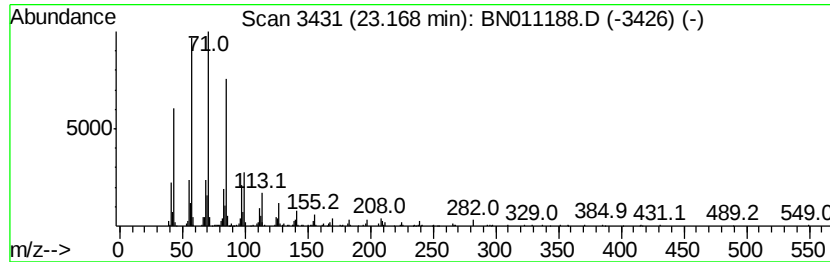
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	5.43 ng/ul	703846	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011188.D
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Misc :
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Instrument :
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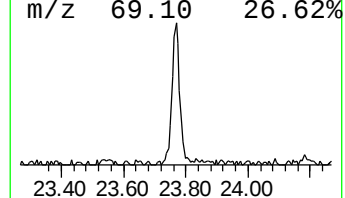
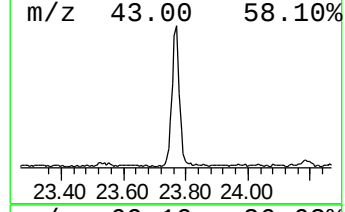
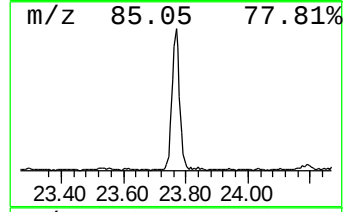
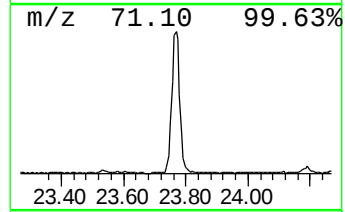
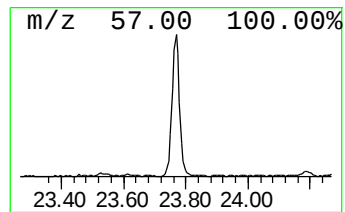
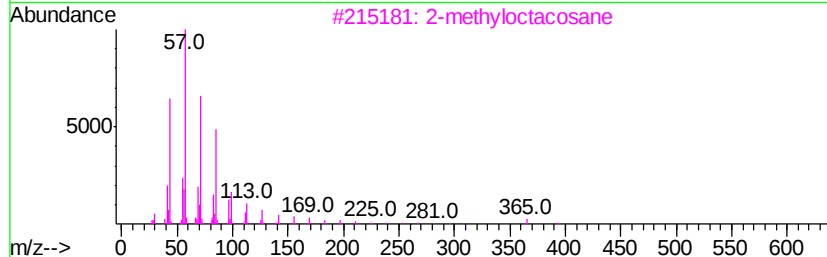
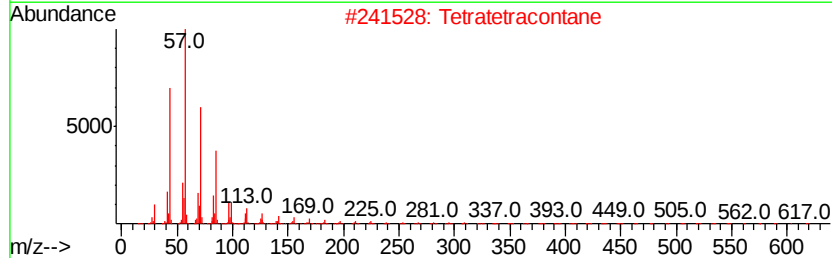
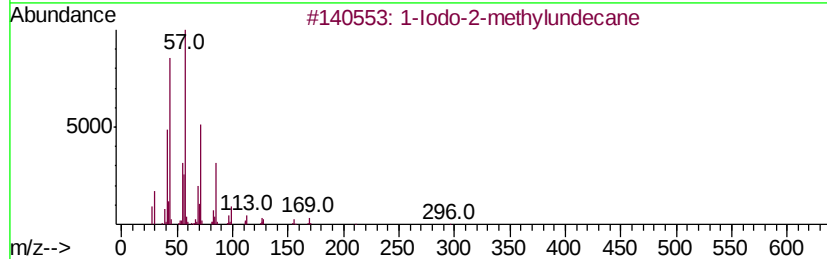
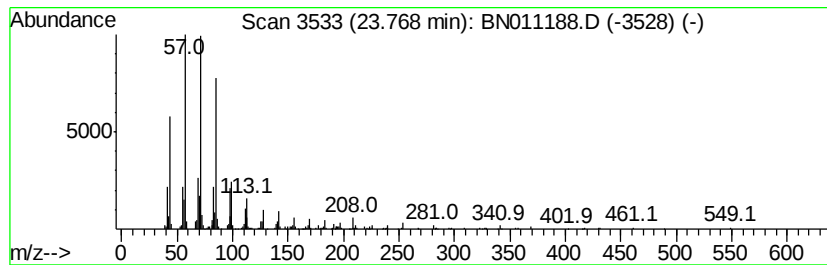
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	5.76 ng/ul	746909	Perylene-d12	23.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	91
2	Tetratetracontane		619	C44H90	007098-22-8	91
3	2-methylotacosane		408	C29H60	1000376-72-8	91
4	2-methylhexacosane		380	C27H56	1000376-72-7	91
5	Hexatriacontane		507	C36H74	000630-06-8	91



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Misc :
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ClientSampleId :
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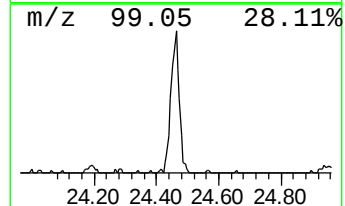
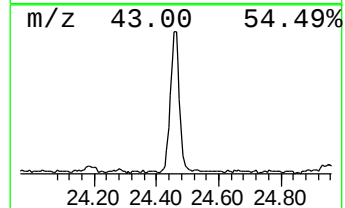
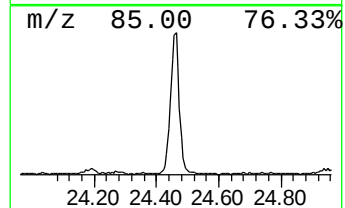
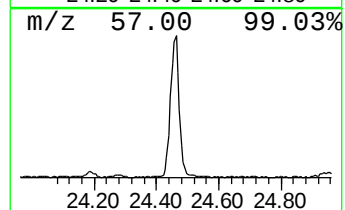
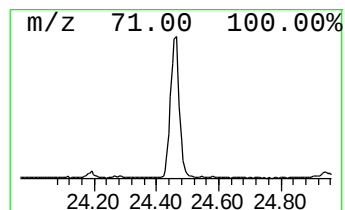
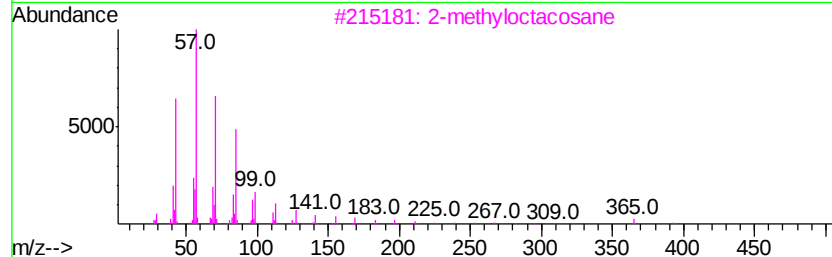
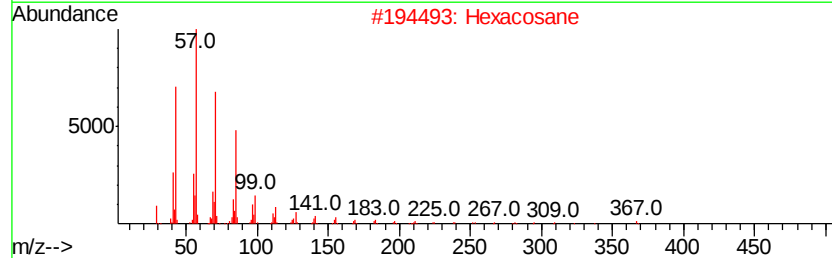
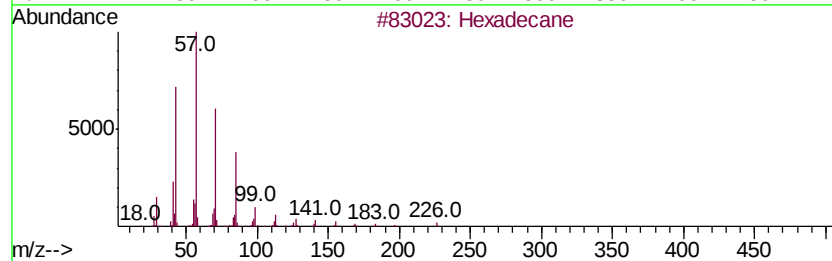
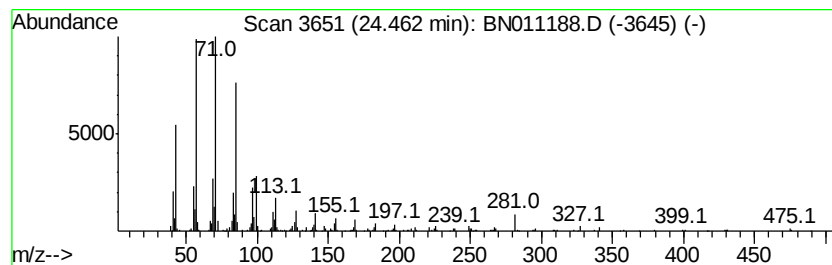
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	6.45 ng/ul	836128	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Hexacosane	366	C26H54	000630-01-3	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Eicosane	282	C20H42	000112-95-8	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011188.D
Acq On : 16 Jul 2020 13:56
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Sample : L3260-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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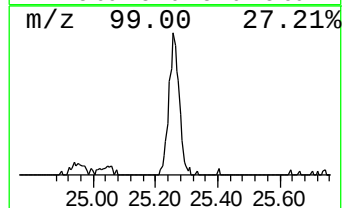
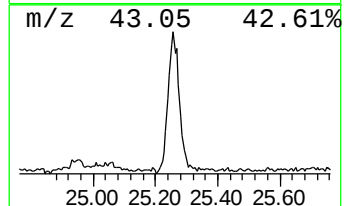
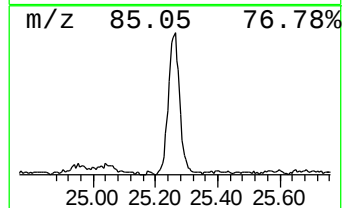
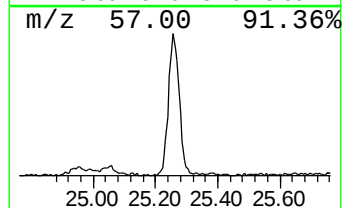
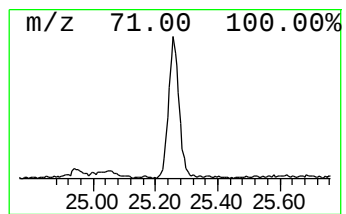
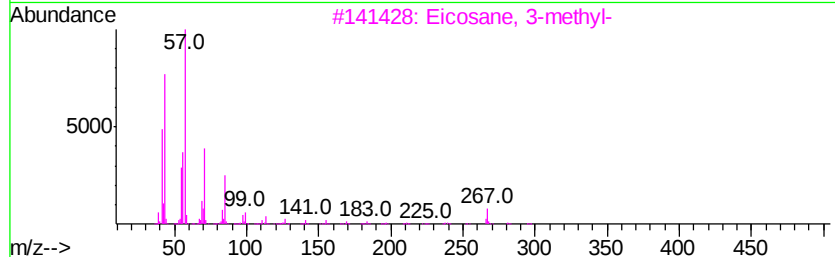
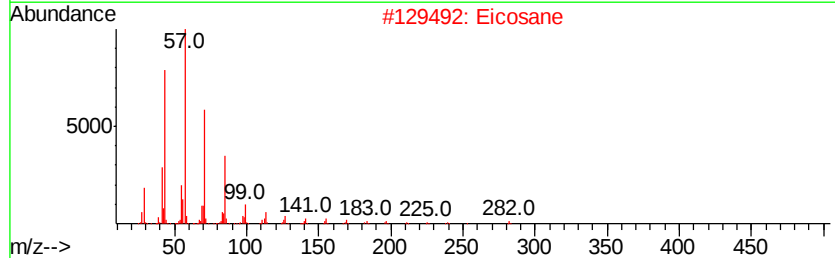
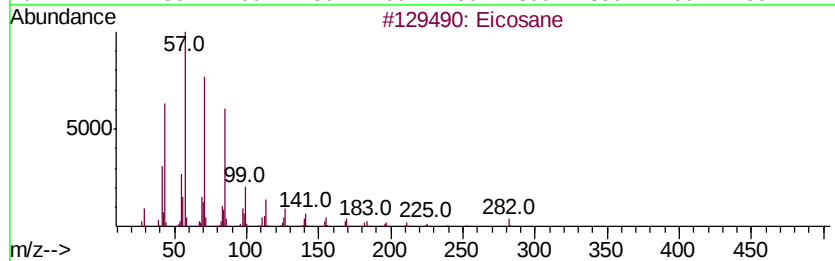
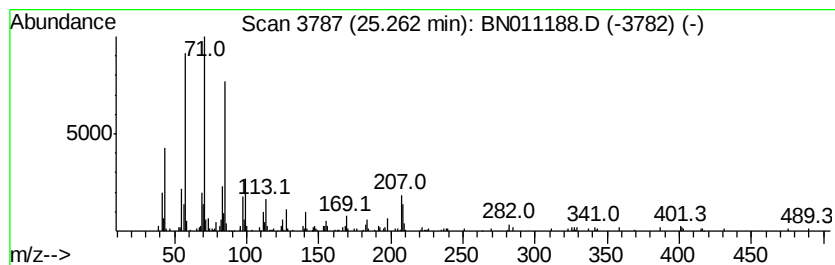
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.26	4.51 ng/ul	585223	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	80
2	Eicosane			282	C20H42	000112-95-8	70
3	Eicosane, 3-methyl-			296	C21H44	006418-46-8	70
4	2-methyloctacosane			408	C29H60	1000376-72-8	64
5	Tetratetracontane			619	C44H90	007098-22-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071620\
 Data File : BN011188.D
 Acq On : 16 Jul 2020 13:56
 Operator : CG/JU
 Sample : L3260-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.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
o-Hydroxybiphenyl	14.40	34.4	ng/ul	3019830	3	14.12	1753540	20.0
Atraton	16.17	6.5	ng/ul	767090	4	16.87	2369080	20.0
Bromacil	17.89	17.1	ng/ul	2027920	4	16.87	2369080	20.0
Alpha,2,3,4,5,6-h...	18.28	27.9	ng/ul	3310850	4	16.87	2369080	20.0
unknown-01	21.53	35.6	ng/ul	4795590	5	21.09	2690900	20.0
(DEL) Alkane: Str...	22.15	2.0	ng/ul	275830	5	21.09	2690900	20.0
Benz[a]anthracene...	22.57	31.9	ng/ul	4139570	6	23.23	2593050	20.0
(DEL) Alkane: Str...	22.63	3.7	ng/ul	480740	6	23.23	2593050	20.0
(DEL) Alkane: Str...	23.17	5.4	ng/ul	703846	6	23.23	2593050	20.0
1-Iodo-2-methylun...	23.77	5.8	ng/ul	746909	6	23.23	2593050	20.0
(DEL) Alkane: Str...	24.46	6.5	ng/ul	836128	6	23.23	2593050	20.0
(DEL) Alkane: Str...	25.26	4.5	ng/ul	585223	6	23.23	2593050	20.0