

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
 Data File : BN000838.D
 Acq On : 23 Apr 2018 21:35
 Operator : JU/SJ
 Sample : J2467-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3XX5

Integration Parameters: events.e
 Integrator: ChemStation
 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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
 Title : ??? S

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.799	642	648	659	rBV	129402	205861	8.77%	0.777%
2	6.969	670	677	688	rBV	504438	752506	32.07%	2.840%
3	7.157	702	709	716	rBV	491350	736061	31.37%	2.778%
4	7.622	782	788	797	rBV	529541	802987	34.22%	3.031%
5	8.322	900	907	915	rBV	375058	572192	24.38%	2.160%
6	8.763	975	982	994	rVB	543404	839877	35.79%	3.170%
7	9.210	1052	1058	1063	rBV	21717	28478	1.21%	0.107%
8	9.475	1097	1103	1112	rBV	419974	671472	28.62%	2.534%
9	10.010	1187	1194	1203	rBV	649742	1013139	43.18%	3.824%
10	10.387	1250	1258	1269	rVB	717120	1150081	49.01%	4.341%
11	10.522	1275	1281	1289	rBV	15277	23637	1.01%	0.089%
12	13.669	1810	1816	1820	rBV	1052275	1412004	60.17%	5.329%
13	13.716	1820	1824	1829	rVB	131463	179888	7.67%	0.679%
14	13.939	1855	1862	1874	rBV	1300624	1841875	78.49%	6.952%
15	14.175	1898	1902	1907	rBV	42614	50664	2.16%	0.191%
16	14.251	1909	1915	1928	rVB2	911053	1366018	58.21%	5.156%
17	14.451	1943	1949	1958	rBV	58882	89773	3.83%	0.339%
18	15.134	2060	2065	2070	rVB	48163	58274	2.48%	0.220%
19	15.245	2078	2084	2094	rVB	1488844	2152845	91.74%	8.126%
20	15.363	2098	2104	2112	rVV	433468	567825	24.20%	2.143%
21	15.992	2207	2211	2215	rBV	42024	57632	2.46%	0.218%
22	16.786	2341	2346	2350	rBV	28813	36807	1.57%	0.139%
23	16.998	2376	2382	2388	rBV2	1049860	1466400	62.49%	5.535%
24	17.098	2391	2399	2408	rBV	1514273	2126970	90.64%	8.028%
25	17.910	2532	2537	2545	rBV	43590	59378	2.53%	0.224%
26	19.398	2784	2790	2801	rBV	1787303	2346556	100.00%	8.857%
27	20.939	3049	3052	3057	rBV5	18026	29682	1.26%	0.112%
28	21.198	3091	3096	3103	rBV2	1253360	1558881	66.43%	5.884%
29	22.268	3275	3278	3283	rVB	25222	30205	1.29%	0.114%
30	22.763	3359	3362	3368	rVB2	41988	54245	2.31%	0.205%
31	23.251	3438	3445	3452	rBV2	1280330	2309431	98.42%	8.717%
32	23.310	3452	3455	3461	rVV	56592	86438	3.68%	0.326%
33	23.386	3461	3468	3480	rVB	873045	1600039	68.19%	6.039%
34	23.939	3558	3562	3569	rVB2	58206	98015	4.18%	0.370%

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Integration Parameters: events.e
Integrator: ChemStation
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ??? S

35	24.662	3680	3685	3694	rVB	60257	118651	5.06%	0.448%
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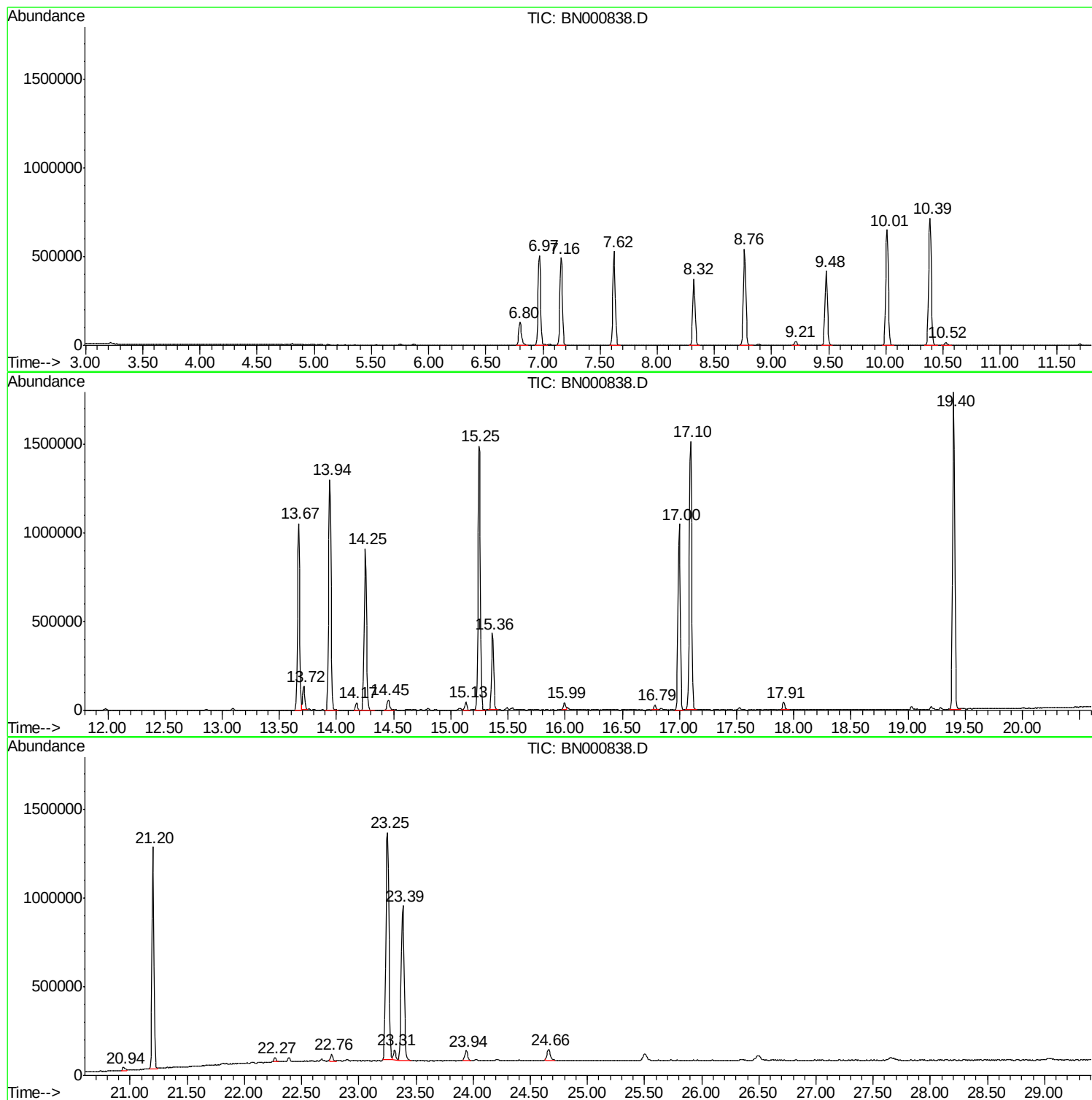
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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



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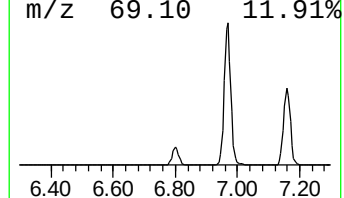
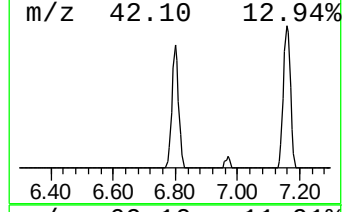
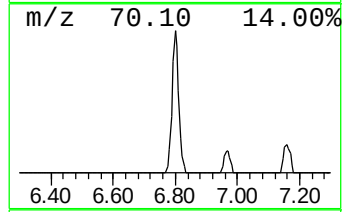
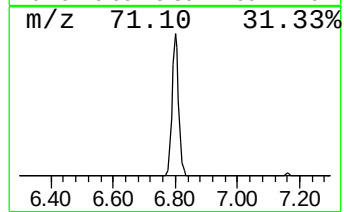
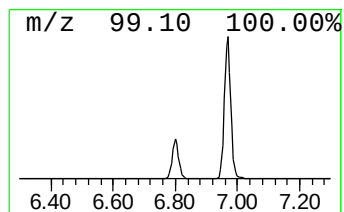
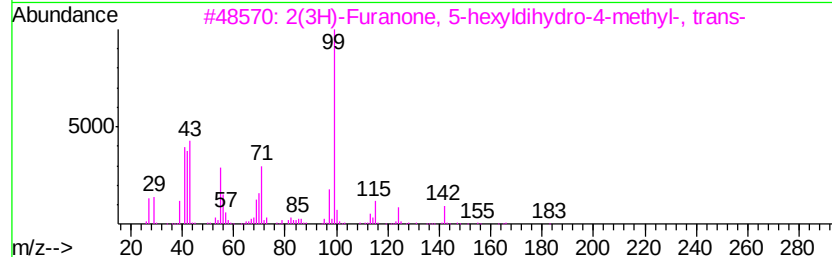
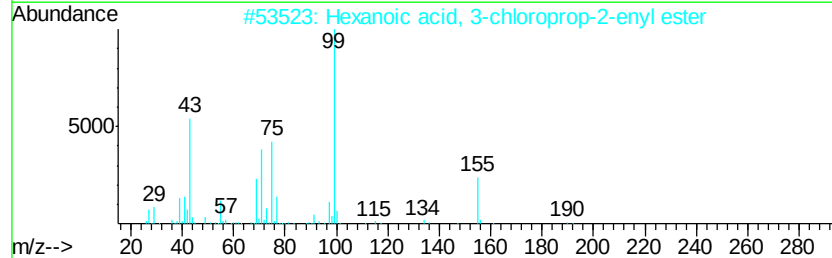
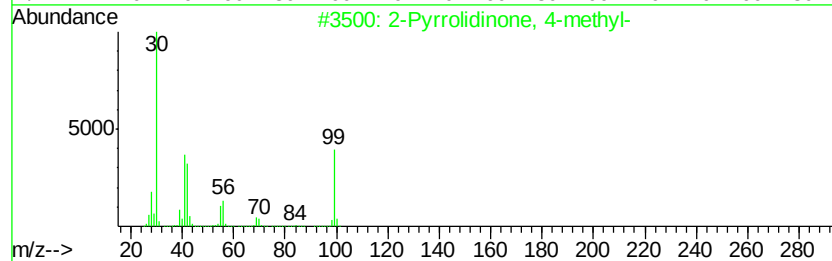
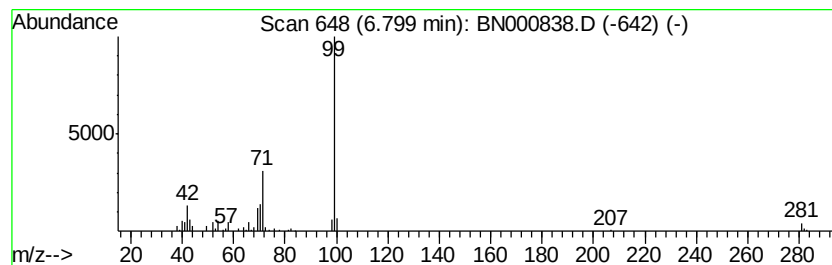
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pyrrolidinone, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.13 ng/ul	205861	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	59
2			Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
3			2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4			Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	50
5			Hexanoic acid, 2-methoxyethyl ester	174	C9H18O3	1000330-92-6	50



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ClientSampled :
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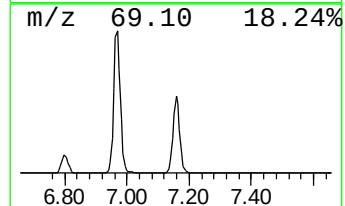
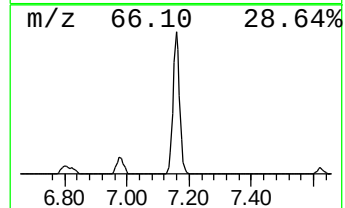
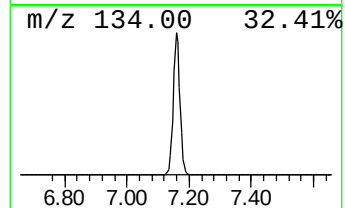
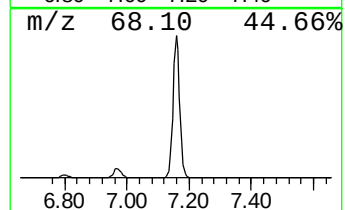
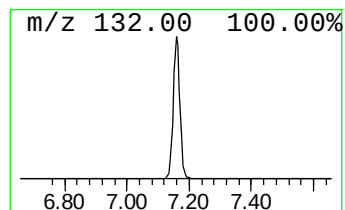
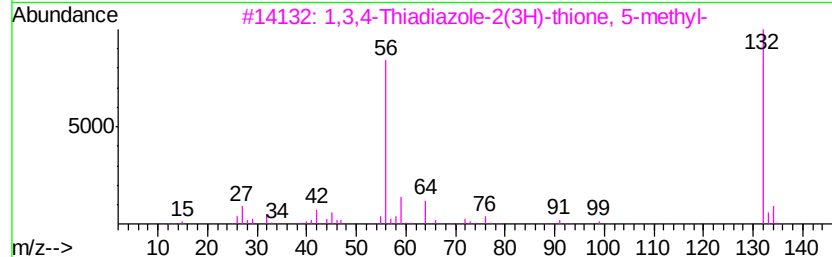
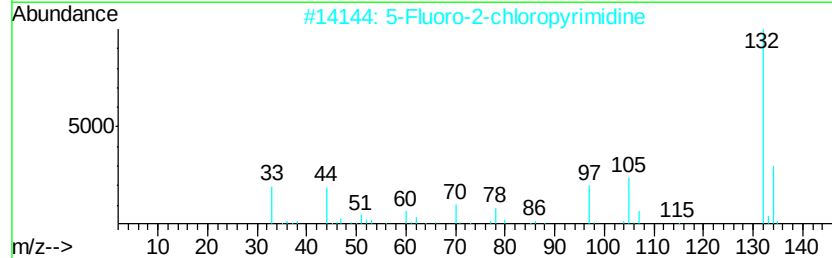
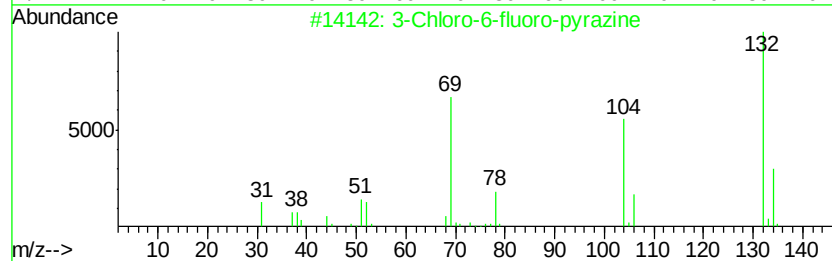
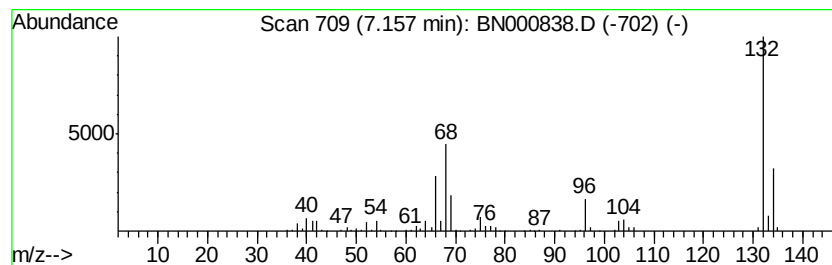
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	18.33 ng/ul	736061	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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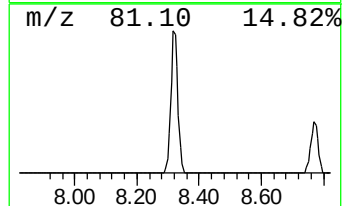
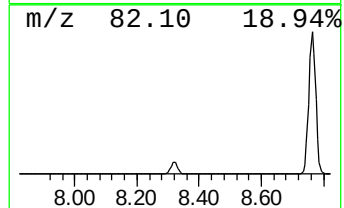
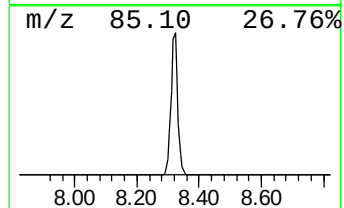
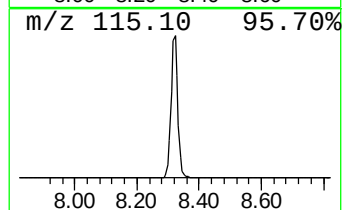
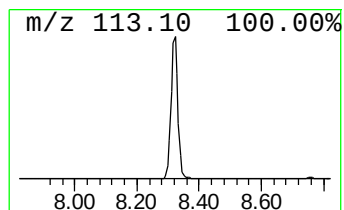
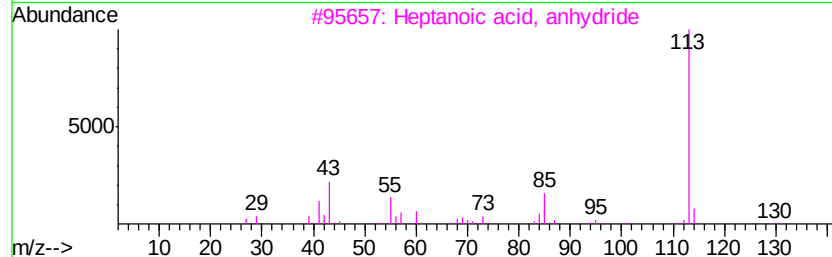
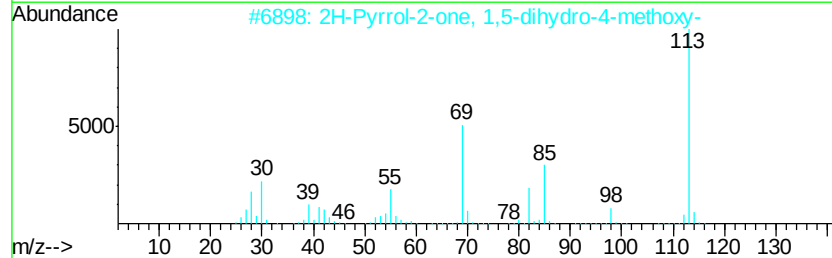
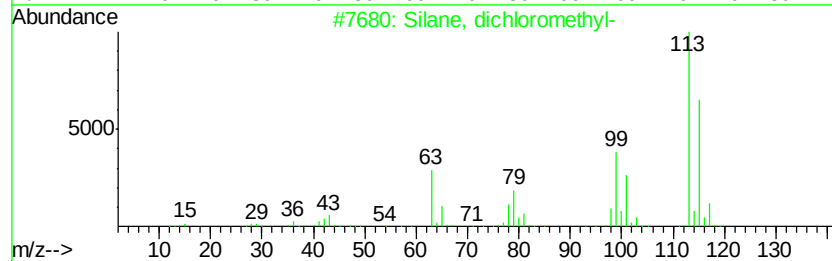
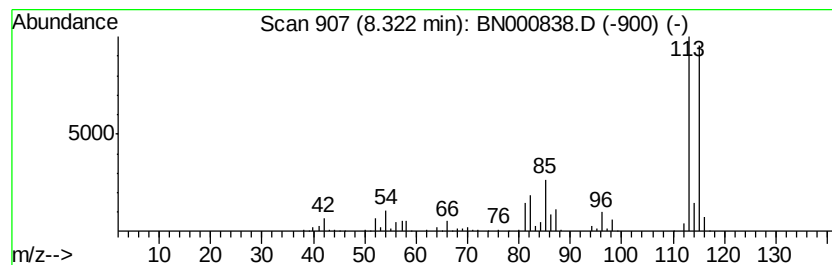
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	14.25 ng/ul	572192	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2		2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	32
4		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
5		2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	27



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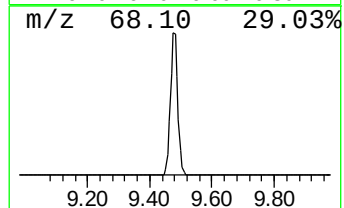
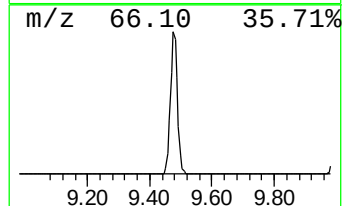
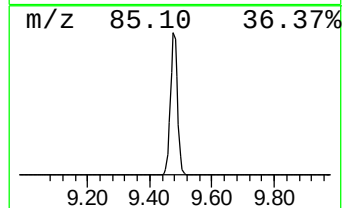
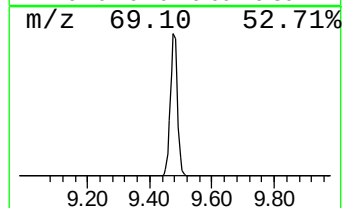
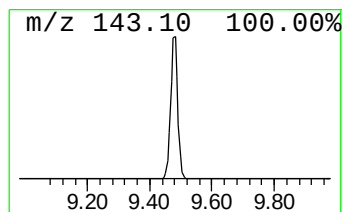
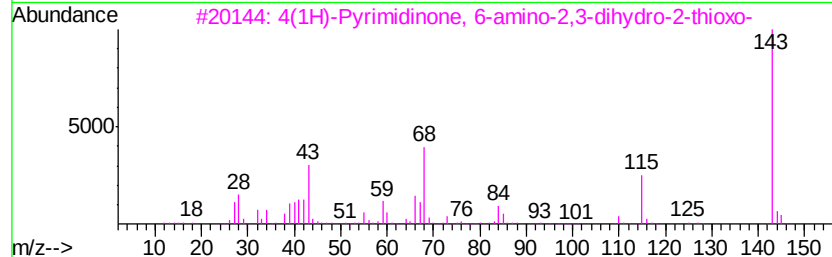
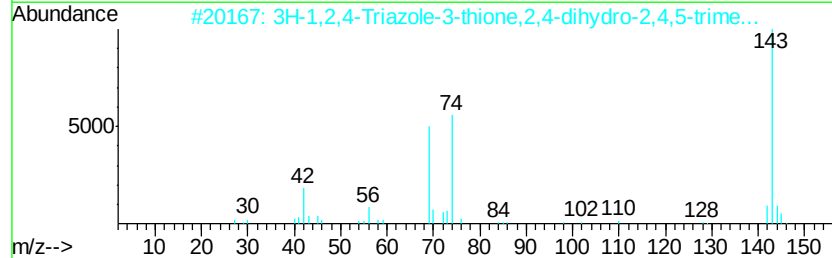
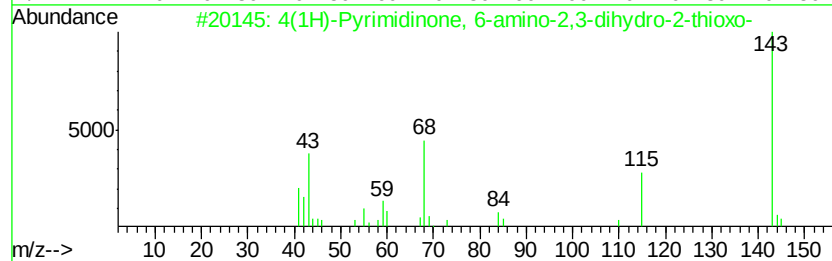
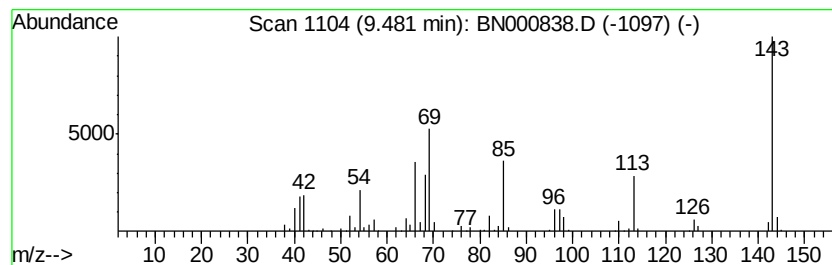
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	11.68 ng/ul	671472	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	27
2		3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	22
3		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12
5		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12



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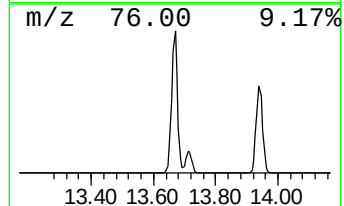
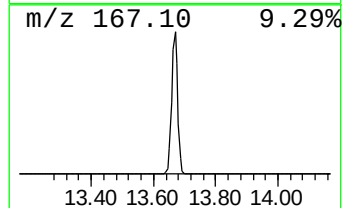
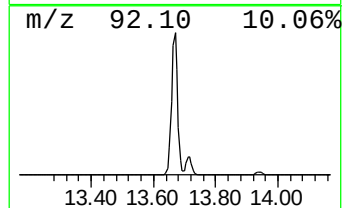
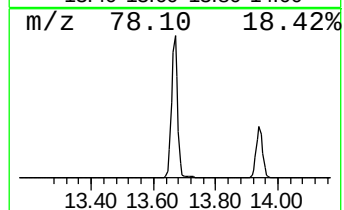
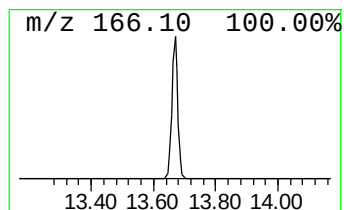
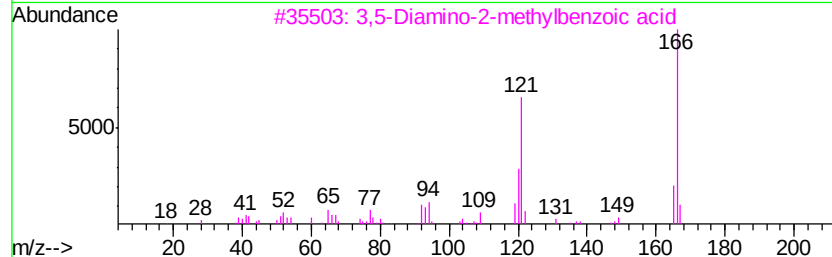
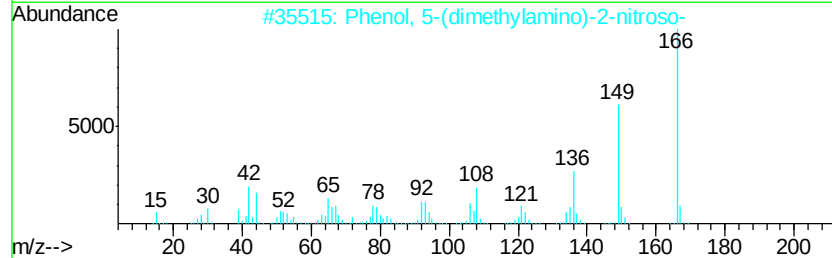
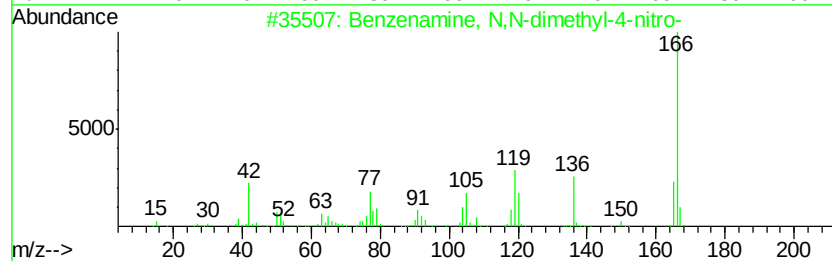
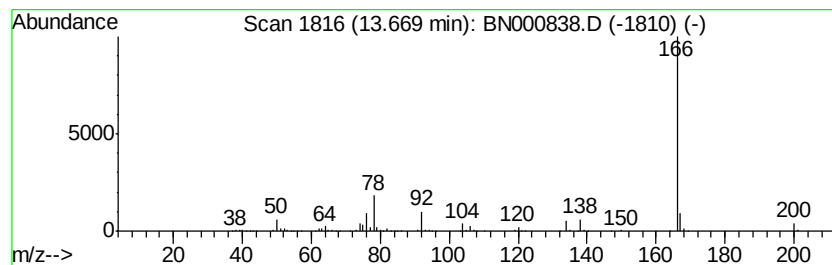
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Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	20.67 ng/ul	1412000	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzenamine, N,N-dimethyl-4-nitro-	166 C8H10N2O2	000100-23-2	38
2	Phenol, 5-(dimethylamino)-2-nitr...	166 C8H10N2O2	016761-04-9	36
3	3,5-Diamino-2-methylbenzoic acid	166 C8H10N2O2	090007-30-0	36
4	1H-Purine-2,6-dione, 3,7-dihydro...	166 C6H6N4O2	006136-37-4	9
5	6H-Purine-6-thione, 1,7-dihydro...	166 C6H6N4S	001126-23-4	9



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Misc :
ALS Vial : 18 Sample Multiplier: 1

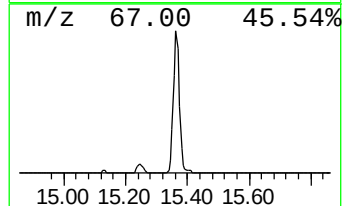
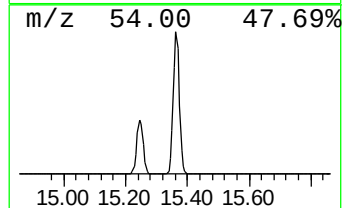
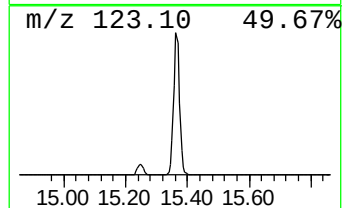
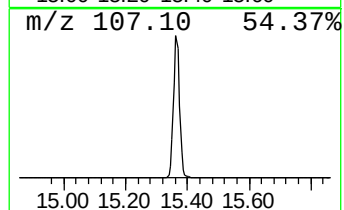
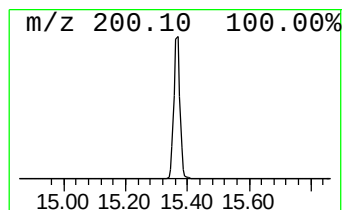
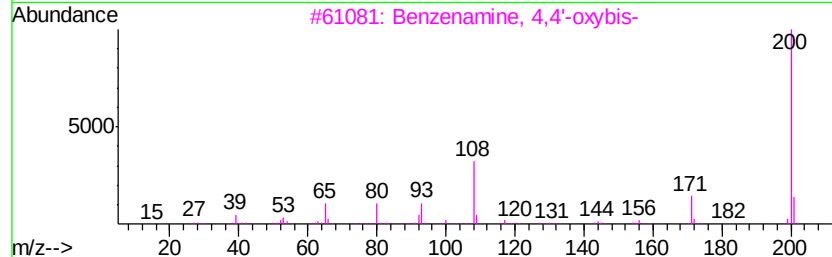
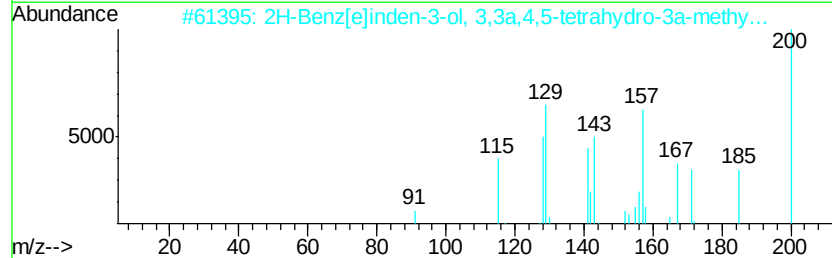
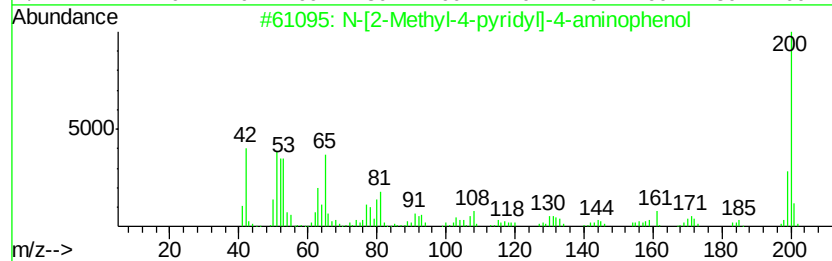
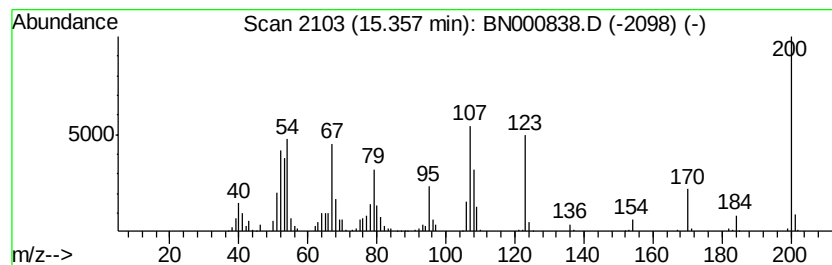
Instrument :
BNA_N
ClientSampleId :
A3XX5

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.31 ng/ul	567825	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-[2-Methyl-4-pyridyl]-4-aminoph...	200 C12H12N2O	1000252-23-9 43
2		2H-Benz[e]indene-3-ol, 3,3a,4,5-t...	200 C14H16O	071805-91-9 22
3		Benzenamine, 4,4'-oxybis-	200 C12H12N2O	000101-80-4 14
4		1,4-Benzenedicarbonitrile, 2,3,5...	200 C8F4N2	001835-49-0 10
5		Benzene, 1-methoxy-4-phenoxy-	200 C13H12O2	001655-69-2 10



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042318\
Data File : BN000838.D
Acq On : 23 Apr 2018 21:35
Operator : JU/SJ
Sample : J2467-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3XX5

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.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-Pyrrolidinone, ...	6.80	5.1	ng/ul	205861	1	7.62	802987	20.0
unknown-01	7.16	18.3	ng/ul	736061	1	7.62	802987	20.0
unknown-02	8.32	14.3	ng/ul	572192	1	7.62	802987	20.0
unknown-03	9.48	11.7	ng/ul	671472	2	10.39	1150080	20.0
unknown-04	13.67	20.7	ng/ul	1412000	3	14.25	1366020	20.0
unknown-05	15.36	8.3	ng/ul	567825	3	14.25	1366020	20.0