

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
 Data File : BN000833.D
 Acq On : 23 Apr 2018 18:42
 Operator : JU/SJ
 Sample : J2467-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3XX6

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	643	648	657	rBV	143224	219922	9.86%	0.874%
2	6.969	670	677	688	rBV	498100	745649	33.43%	2.962%
3	7.158	703	709	717	rBV	496464	751397	33.69%	2.985%
4	7.622	781	788	795	rVB	495804	745618	33.43%	2.962%
5	8.322	900	907	915	rBV	398358	608527	27.28%	2.418%
6	8.763	975	982	993	rBV	524320	808686	36.26%	3.213%
7	9.481	1097	1104	1111	rVB	406822	641075	28.74%	2.547%
8	10.010	1187	1194	1210	rVB	630999	993750	44.56%	3.948%
9	10.387	1251	1258	1265	rBV	670961	1062323	47.63%	4.221%
10	10.528	1275	1282	1289	rBV	14704	22984	1.03%	0.091%
11	13.669	1810	1816	1820	rBV	989413	1315360	58.98%	5.226%
12	13.716	1820	1824	1829	rVB	135789	180965	8.11%	0.719%
13	13.940	1856	1862	1872	rBV	1200934	1722006	77.21%	6.842%
14	14.175	1898	1902	1908	rVB	39418	49639	2.23%	0.197%
15	14.251	1908	1915	1923	rBV2	822132	1251023	56.09%	4.970%
16	14.451	1944	1949	1958	rBV	65573	101142	4.53%	0.402%
17	15.134	2061	2065	2071	rVB	44824	53513	2.40%	0.213%
18	15.251	2078	2085	2093	rVB	1422563	2016598	90.42%	8.012%
19	15.363	2098	2104	2110	rBV	393170	514565	23.07%	2.044%
20	15.992	2206	2211	2215	rBV	35114	47782	2.14%	0.190%
21	16.787	2341	2346	2351	rBV	24771	30625	1.37%	0.122%
22	16.998	2376	2382	2388	rBV	968225	1325391	59.43%	5.266%
23	17.098	2391	2399	2412	rBV2	1411978	1994609	89.43%	7.925%
24	17.916	2533	2538	2547	rBV	59244	89520	4.01%	0.356%
25	19.204	2751	2757	2766	rBV4	18940	25771	1.16%	0.102%
26	19.398	2784	2790	2798	rBV2	1657124	2230278	100.00%	8.861%
27	20.939	3048	3052	3067	rBV2	66336	138929	6.23%	0.552%
28	21.198	3091	3096	3104	rBV2	1147313	1438890	64.52%	5.717%
29	22.392	3295	3299	3308	rVB	62371	78700	3.53%	0.313%
30	22.763	3359	3362	3368	rVB2	36074	46204	2.07%	0.184%
31	23.251	3438	3445	3452	rBV2	1229661	2226198	99.82%	8.845%
32	23.316	3453	3456	3460	rVV2	44362	66218	2.97%	0.263%
33	23.386	3461	3468	3480	rVB2	811639	1479454	66.33%	5.878%
34	23.945	3559	3563	3569	rVB2	45841	76846	3.45%	0.305%

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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : ??? S

35	24.663	3682	3685	3691	rVB3	39637	69603	3.12%	0.277%
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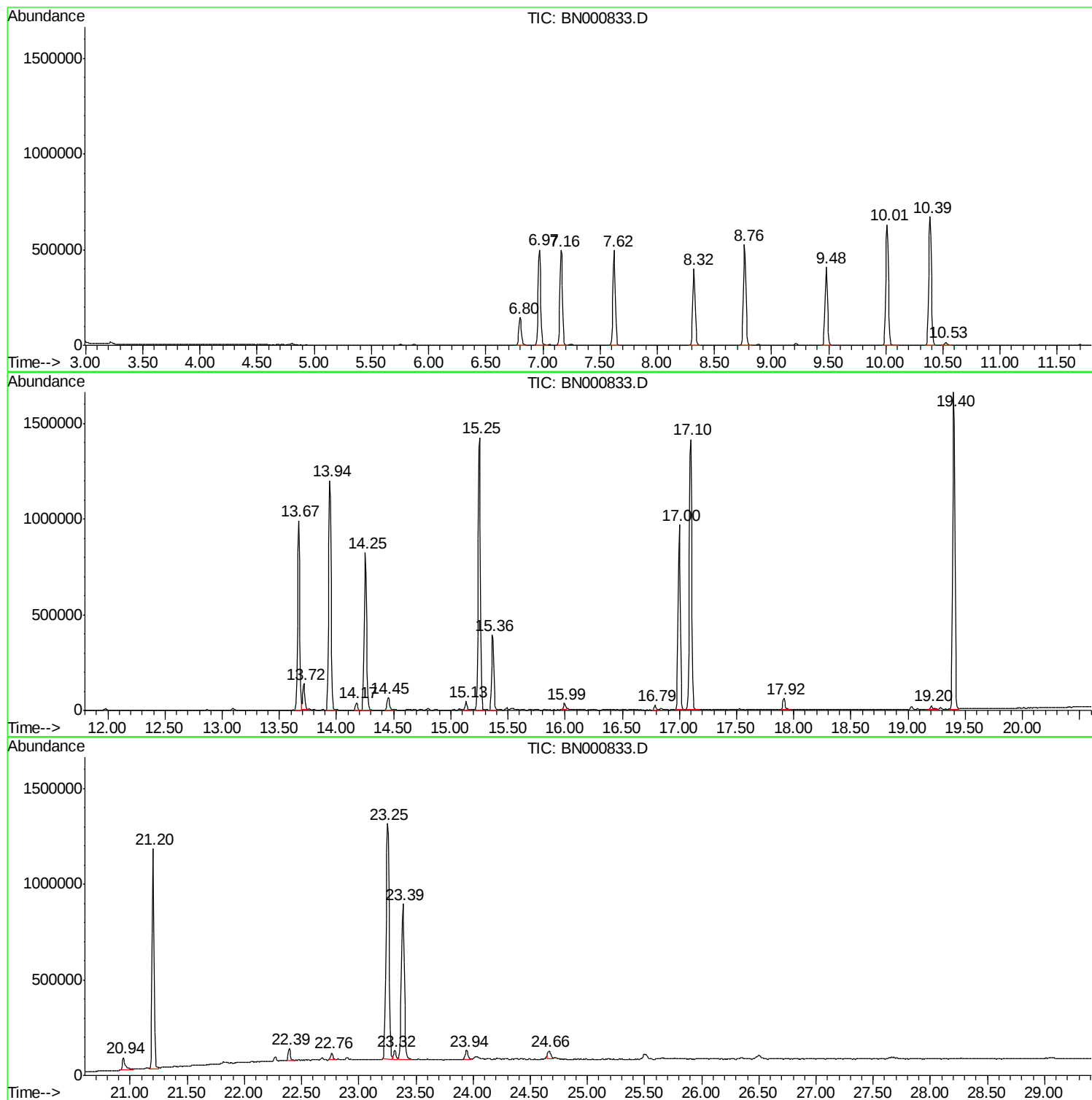
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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



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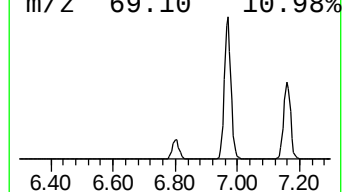
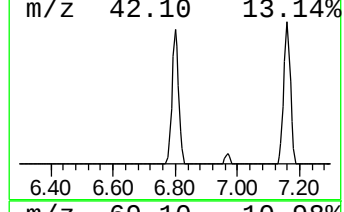
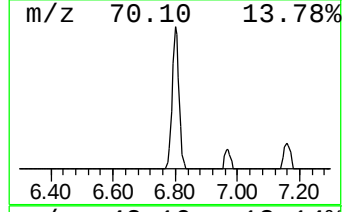
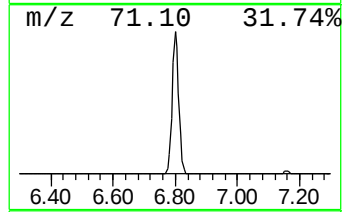
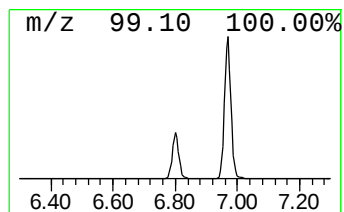
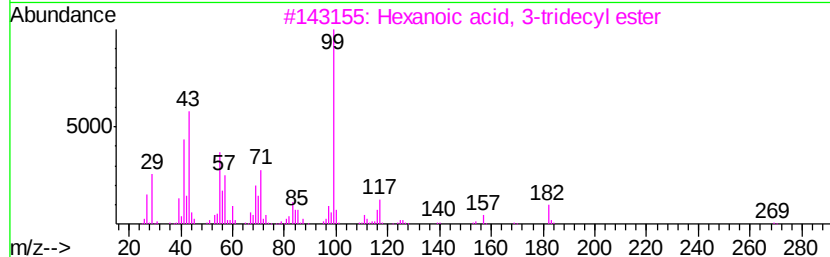
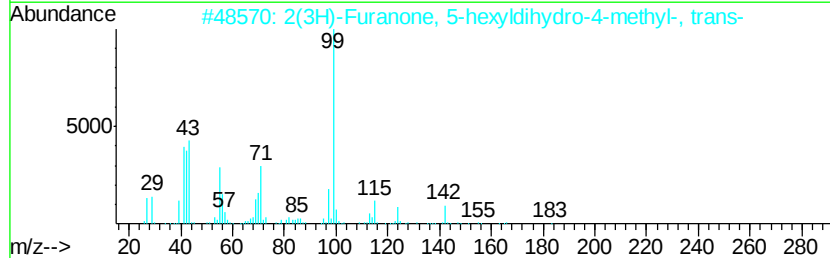
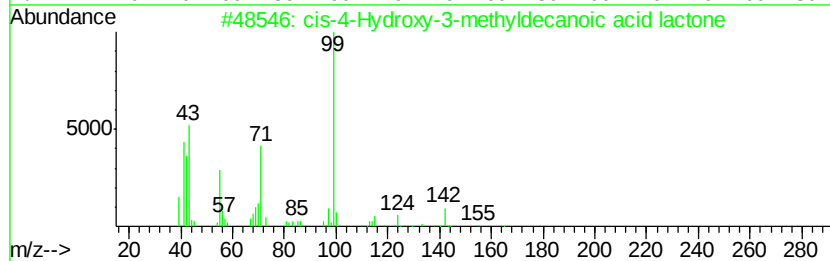
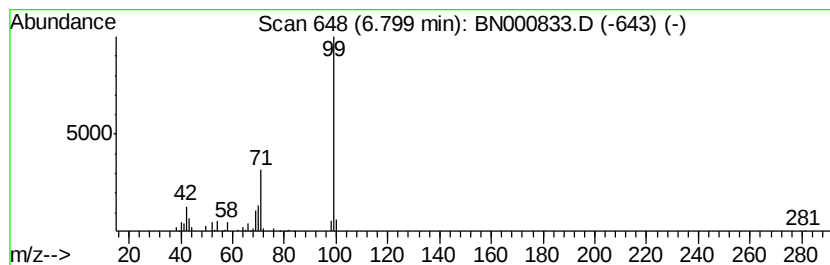
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 cis-4-Hydroxy-3-methyldecan... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.90 ng/ul	219922	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
2		2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	64
3		Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
4		Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56
5		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50



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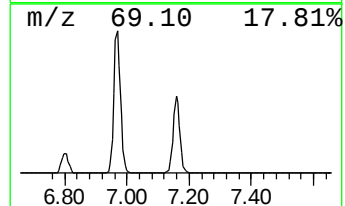
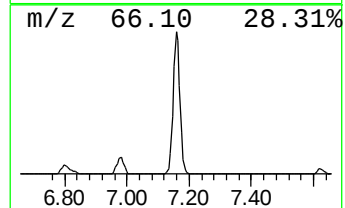
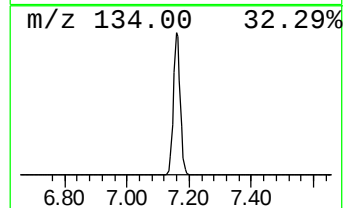
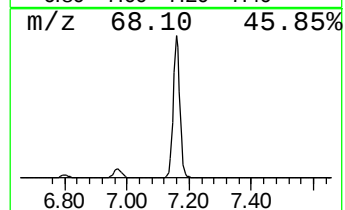
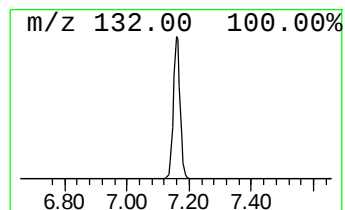
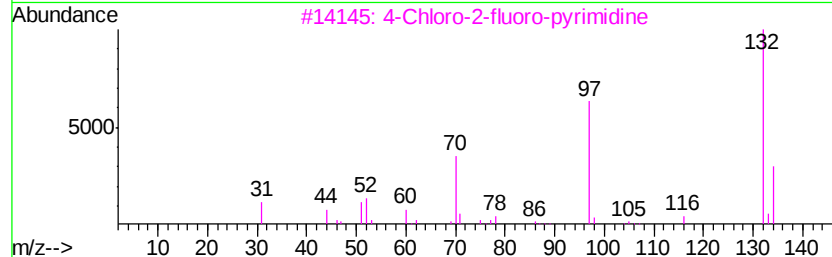
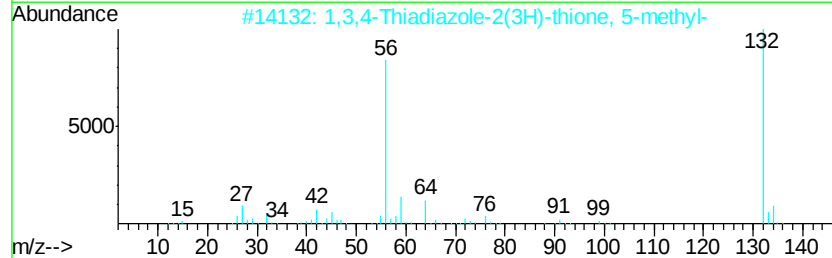
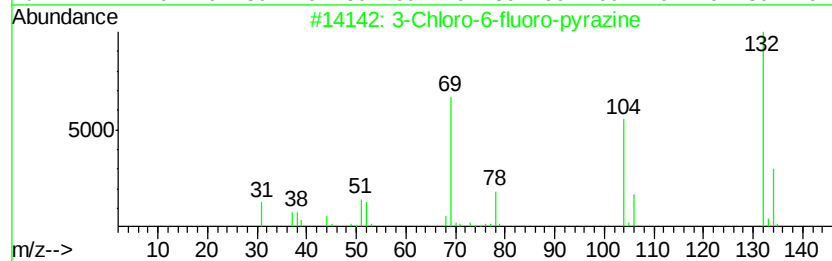
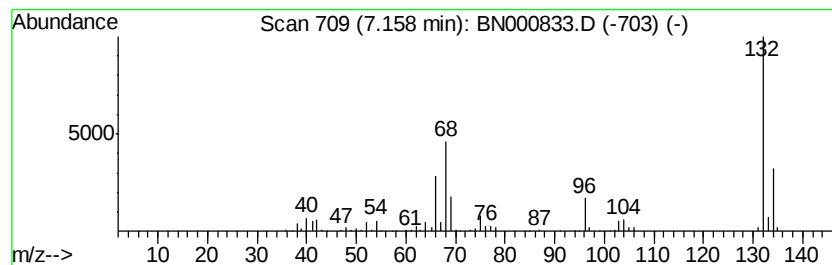
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	20.16 ng/ul	751397	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		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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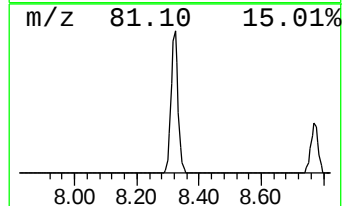
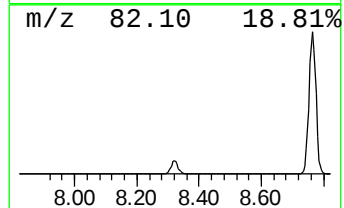
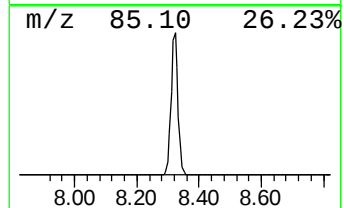
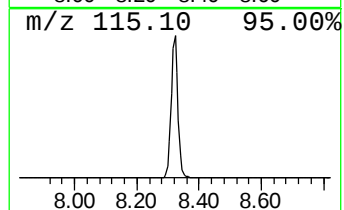
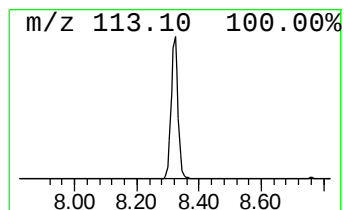
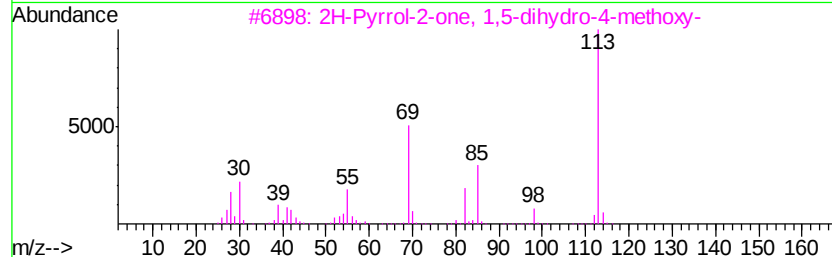
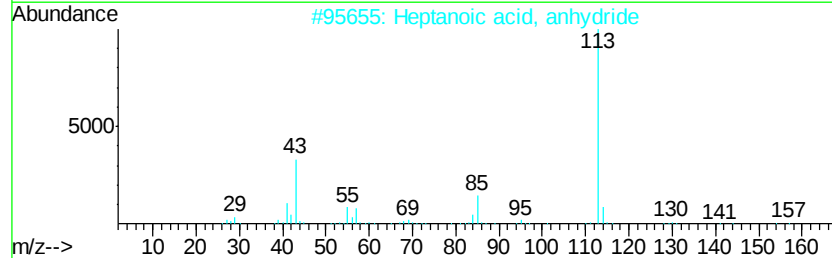
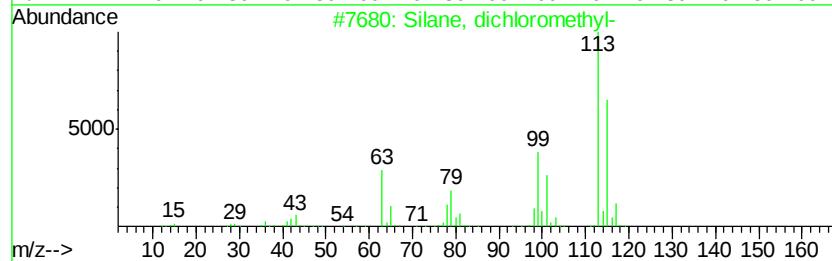
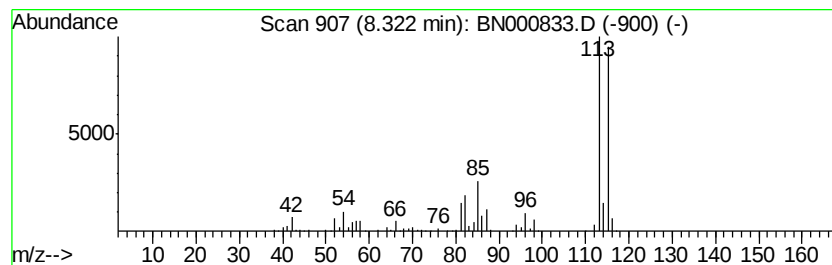
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	16.32 ng/ul	608527	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		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	35
3		2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4		Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25
5		3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25



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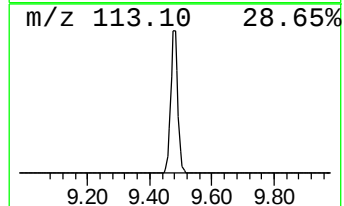
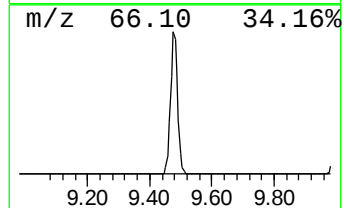
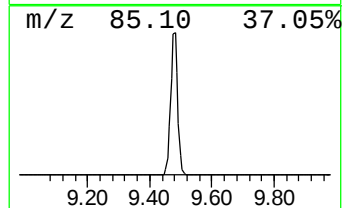
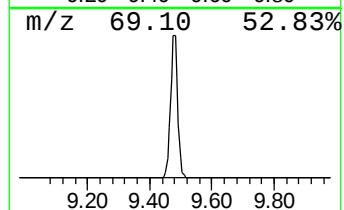
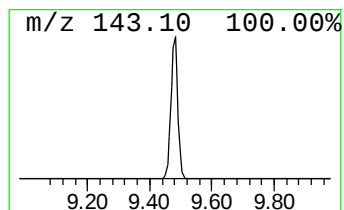
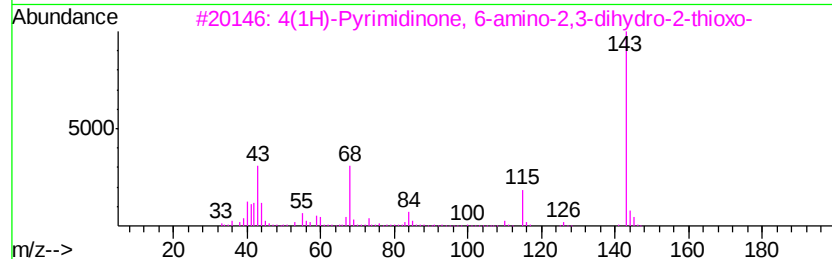
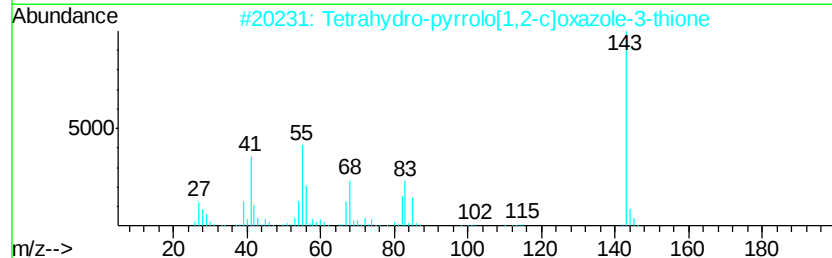
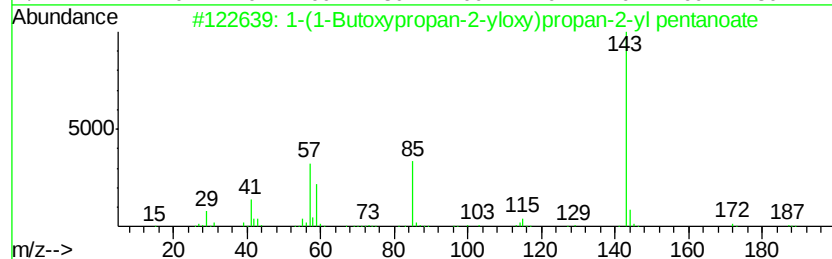
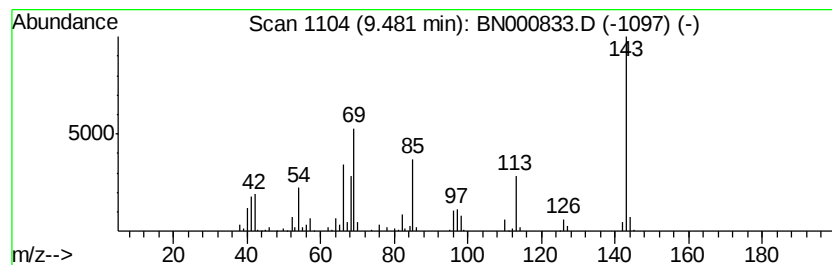
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Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	12.07 ng/ul	641075	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
2		Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
3		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
5		3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	12



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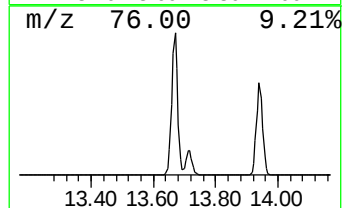
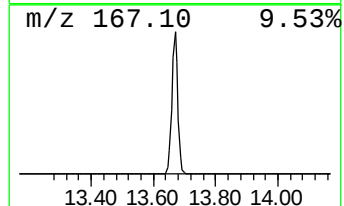
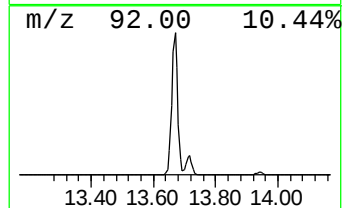
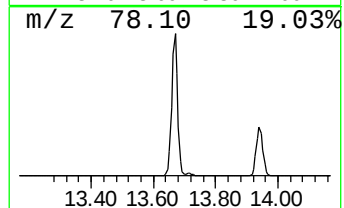
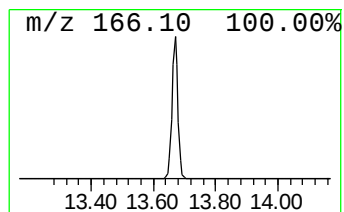
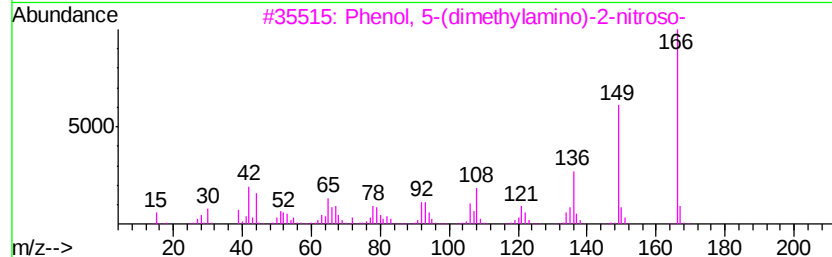
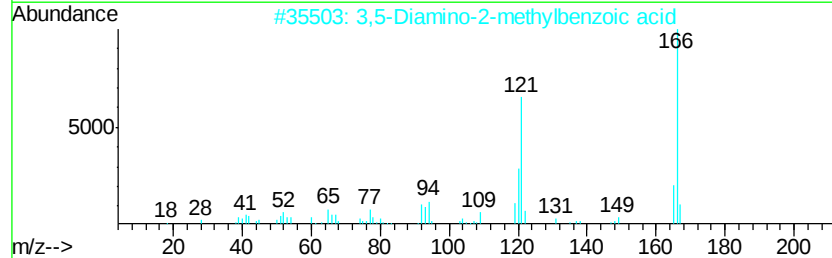
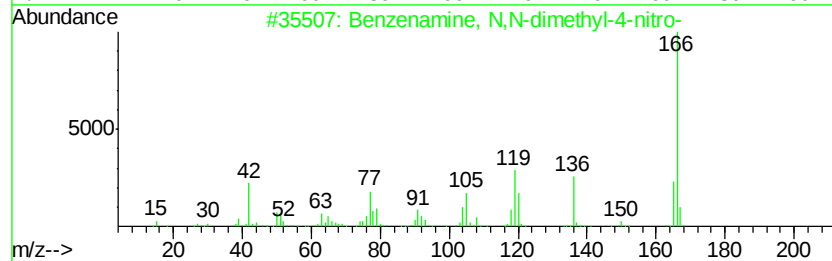
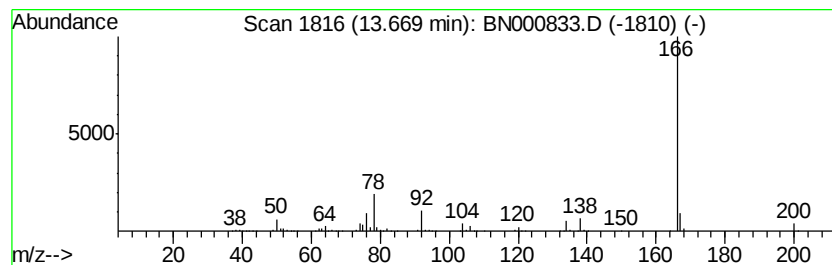
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Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	21.03 ng/ul	1315360	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	36
2		3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	33
3		Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	33
4		1H-Purine-2,6-dione, 3,7-dihydro...	166	C6H6N4O2	006136-37-4	9
5		Benzaldehyde, 2,5-dimethoxy-	166	C9H10O3	000093-02-7	9



Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000833.D
Acq On : 23 Apr 2018 18:42
Operator : JU/SJ
Sample : J2467-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

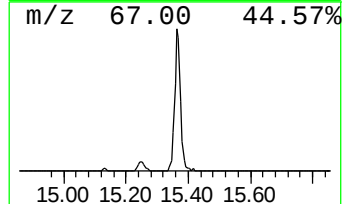
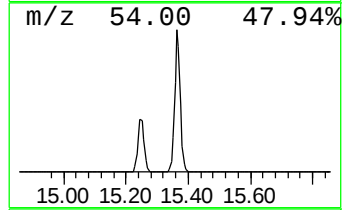
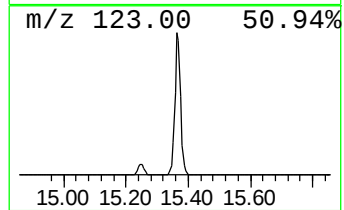
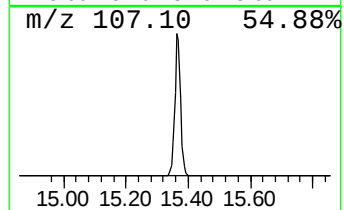
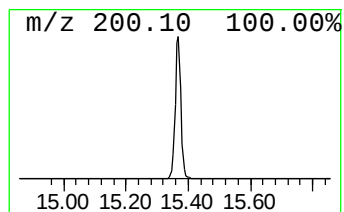
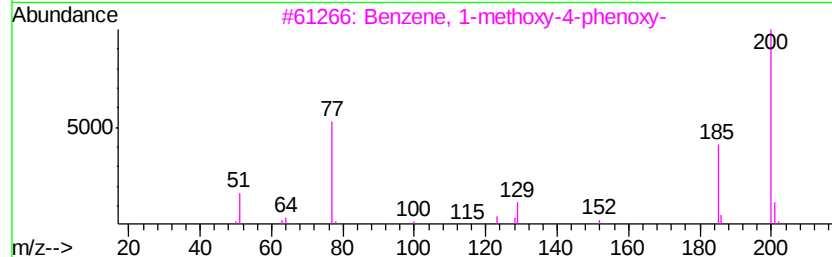
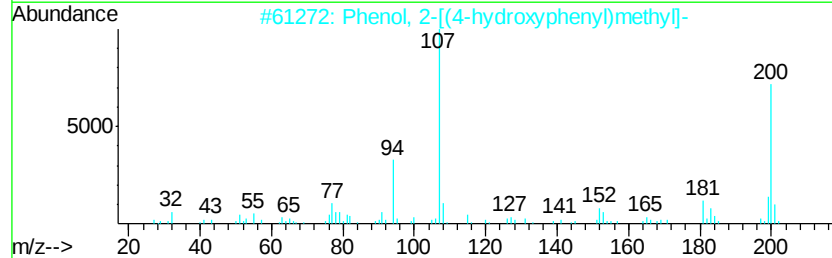
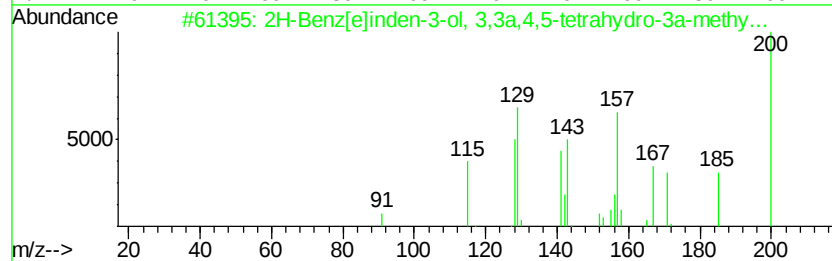
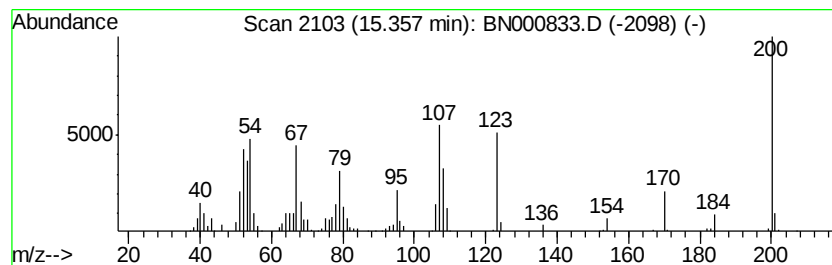
Instrument :
BNA_N
ClientSampleId :
A3XX6

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	8.23 ng/ul	514565	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200 C14H16O	071805-91-9	22
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200 C13H12O2	002467-03-0	22
3	Benzene, 1-methoxy-4-phenoxy-	200 C13H12O2	001655-69-2	10
4	2,4-Pyrimidinediamine, 6-methyl-	200 C11H12N4	007781-29-5	10
5	Benzene, 1-methoxy-3-phenoxy-	200 C13H12O2	001655-68-1	10



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042318\
Data File : BN000833.D
Acq On : 23 Apr 2018 18:42
Operator : JU/SJ
Sample : J2467-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3XX6

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
cis-4-Hydroxy-3-m...	6.80	5.9	ng/ul	219922	1	7.62	745618	20.0
unknown-01	7.16	20.2	ng/ul	751397	1	7.62	745618	20.0
unknown-02	8.32	16.3	ng/ul	608527	1	7.62	745618	20.0
unknown-03	9.48	12.1	ng/ul	641075	2	10.39	1062320	20.0
unknown-04	13.67	21.0	ng/ul	1315360	3	14.25	1251020	20.0
unknown-05	15.36	8.2	ng/ul	514565	3	14.25	1251020	20.0