

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023297.D
 Acq On : 19 Oct 2019 21:38
 Operator : JU
 Sample : K5378-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 23:39:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	403993	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1626184	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	986576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2034667	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2166932	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2601772	20.00	ng/ul	0.00

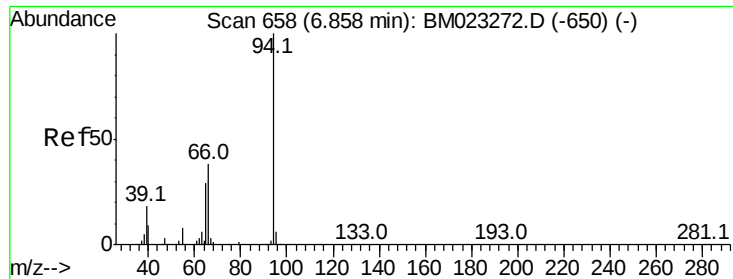
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31434	3.42	ng/uL	0.00
5) Phenol-d5	6.82	99	480805	13.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	340459	17.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	432564	16.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	295309	10.45	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	211349	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	214727	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	424581	15.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	280701	8.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1356707	17.94	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1573470	17.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	98666	8.06	ng/ul	0.00
58) Fluorene-d10	15.29	176	1193969	18.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	129181	16.01	ng/ul	0.00
71) Anthracene-d10	17.14	188	1930351	19.67	ng/ul	0.00
79) Pyrene-d10	19.43	212	2303095	21.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2761774	20.94	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	65540	1.806 ng/ul	97
28) Naphthalene	10.48	128	95343	1.134 ng/ul	96
34) 2-Methylnaphthalene	12.10	142	116627	1.865 ng/ul	97
35) 1-Methylnaphthalene	12.32	142	82720	1.367 ng/ul#	95
45) Dimethylphthalate	13.76	163	495840	6.552 ng/ul	100
70) Phenanthrene	17.08	178	780937	6.839 ng/ul	99
77) Fluoranthene	19.10	202	1065258	7.844 ng/ul	99
80) Pyrene	19.46	202	905367	6.669 ng/ul	98
83) Benzo(a)anthracene	21.22	228	511265	3.482 ng/ul	95
85) Chrysene	21.27	228	609046	4.467 ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	753215	4.775 ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	753215	4.973 ng/ul#	97
91) Benzo(a)pyrene	23.34	252	467883	3.092 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	348612	1.936 ng/ul	98
94) Benzo(g,h,i)perylene	26.31	276	304481	2.054 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

Concen: 1.806 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

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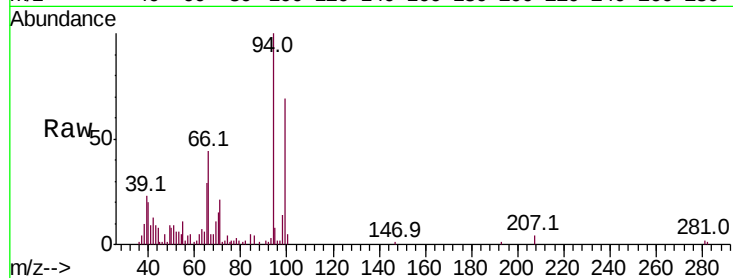
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 65540

Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.7	35.5
66	44.0	32.9	49.3

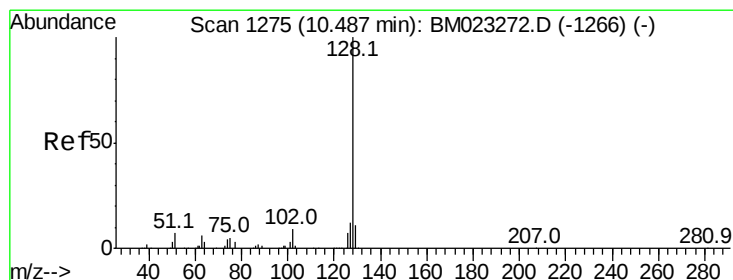
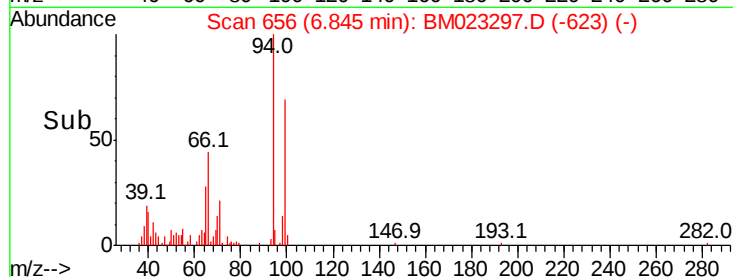
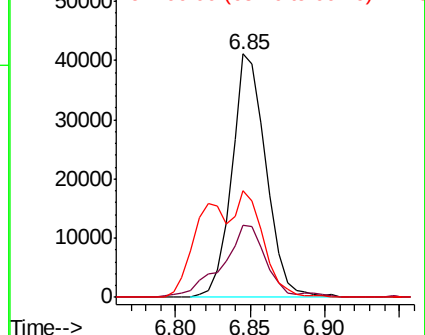


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#28

Naphthalene

Concen: 1.134 ng/ul

RT: 10.48 min Scan# 1274

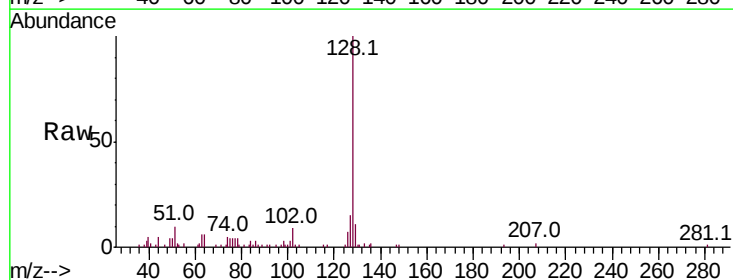
Delta R.T. -0.00 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Tgt Ion: 128 Resp: 95343

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	14.8	10.2	15.4

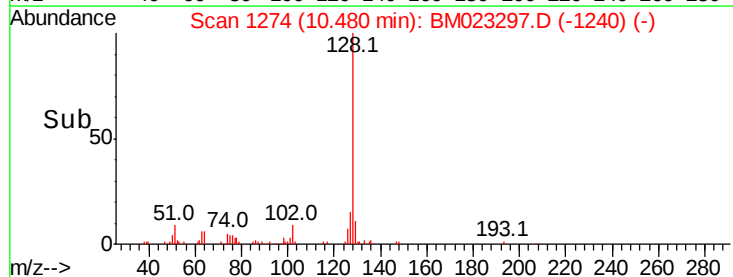
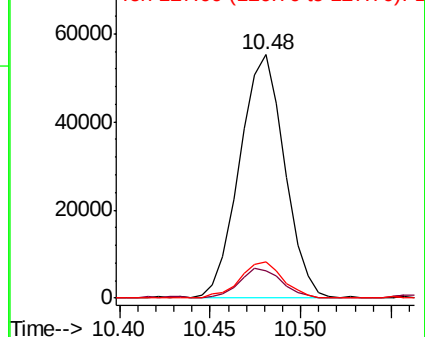


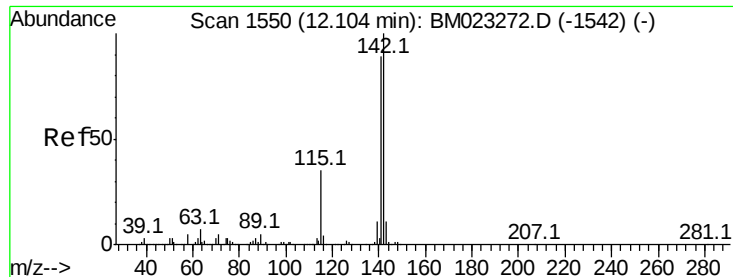
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

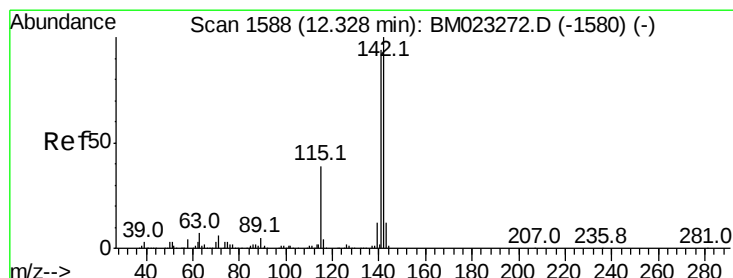
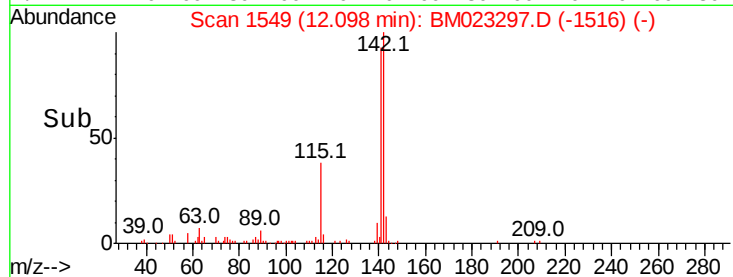
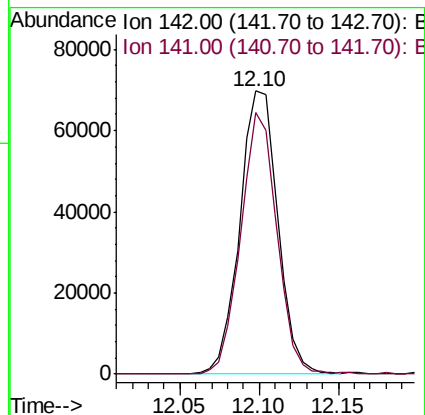
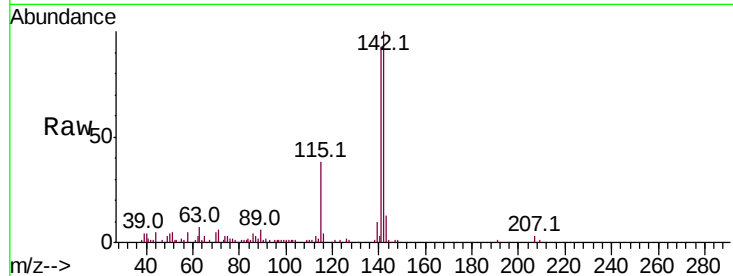




#34
 2-Methylnaphthalene
 Concen: 1.865 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

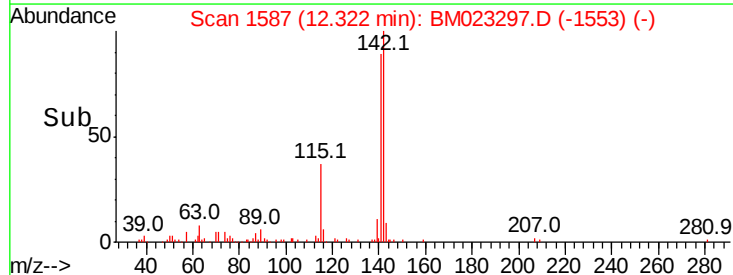
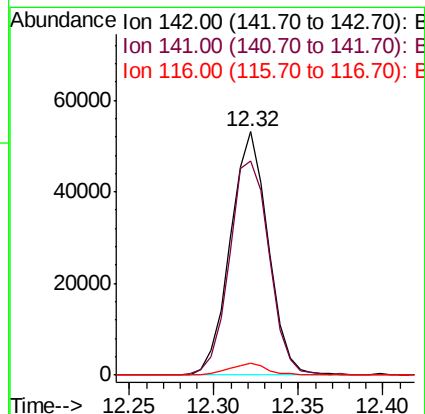
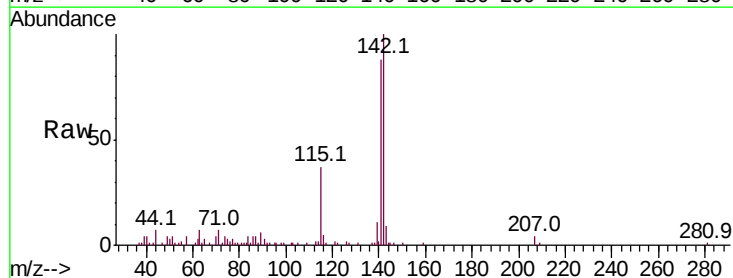
Instrument :
 BNA_M
 ClientSampleId :

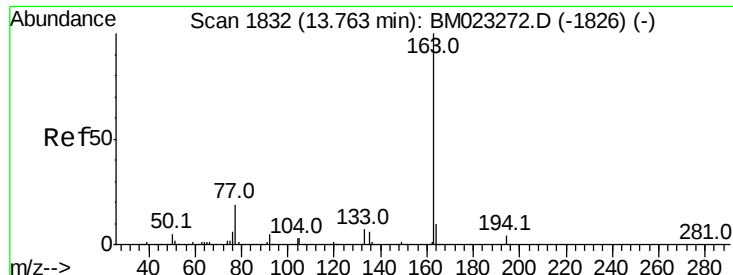
Tot Ion:142 Resp: 116627
 Ion Ratio Lower Upper
 142 100
 141 92.6 72.1 108.1



#35
 1-Methylnaphthalene
 Concen: 1.367 ng/ul
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

Tgt Ion:142 Resp: 82720
 Ion Ratio Lower Upper
 142 100
 141 88.2 74.2 111.2
 116 5.0 3.3 4.9#

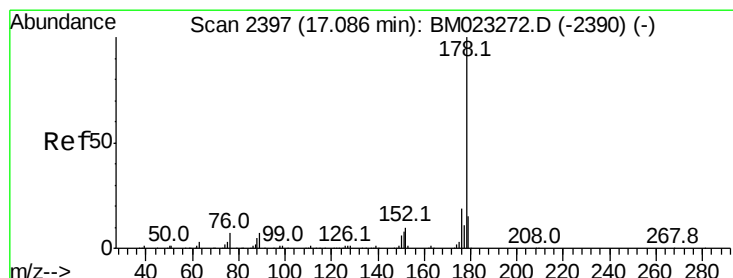
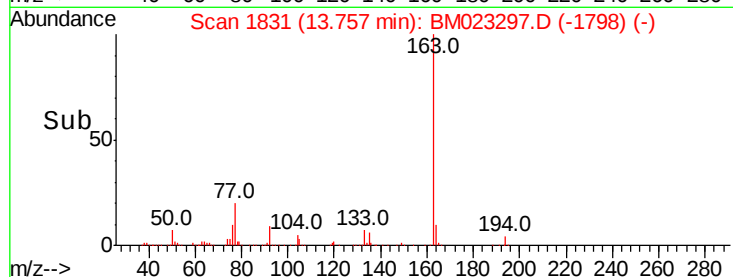
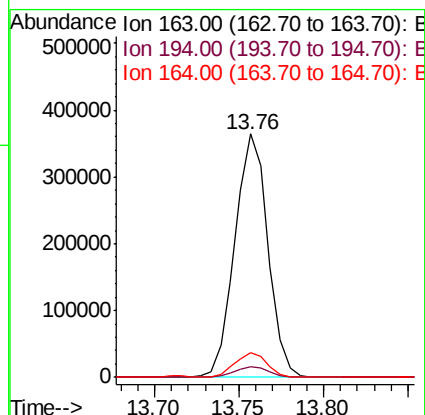
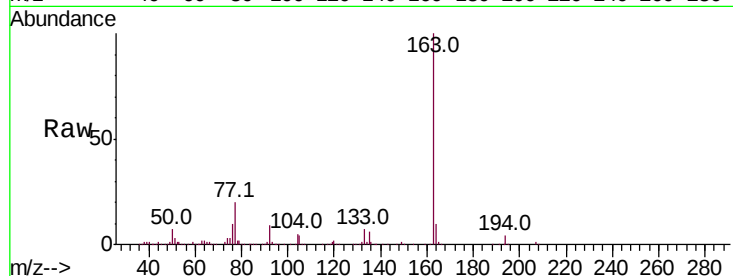




#45
Dimethylphthalate
Concen: 6.552 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

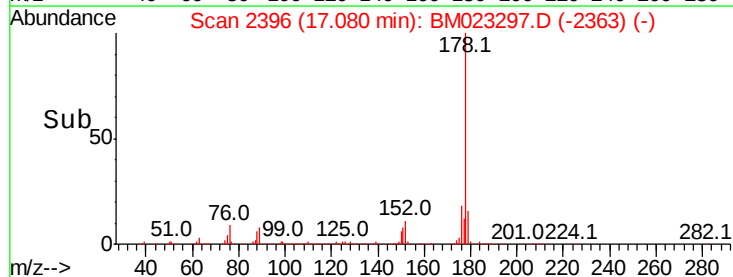
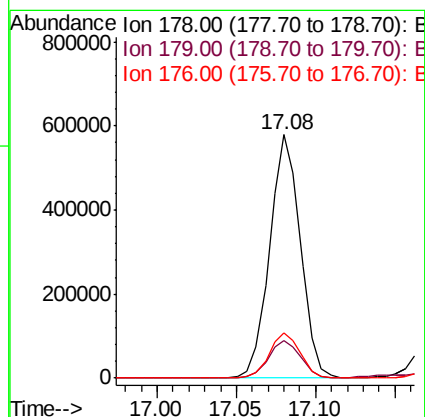
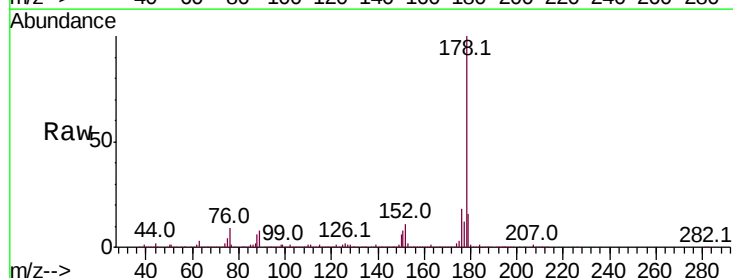
Instrument :
BNA_M
ClientSampleId :

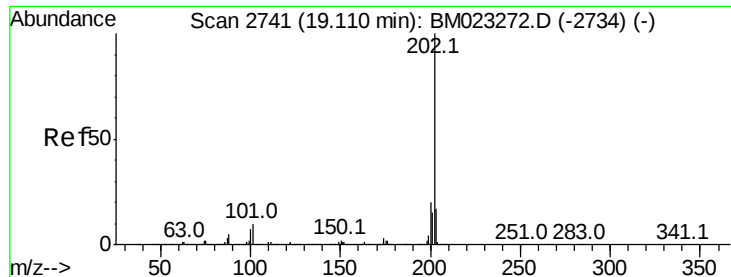
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.0	12.0



#70
Phenanthrene
Concen: 6.839 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023297.D
Acq: 19 Oct 2019 21:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	15.5	23.3

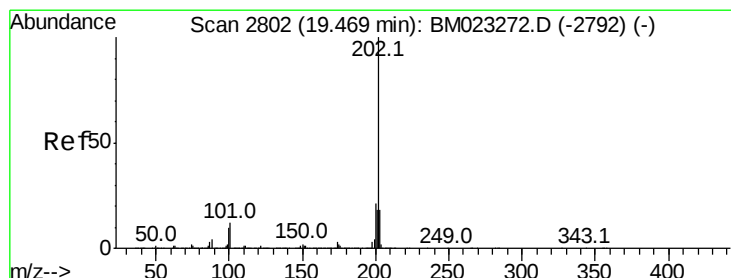
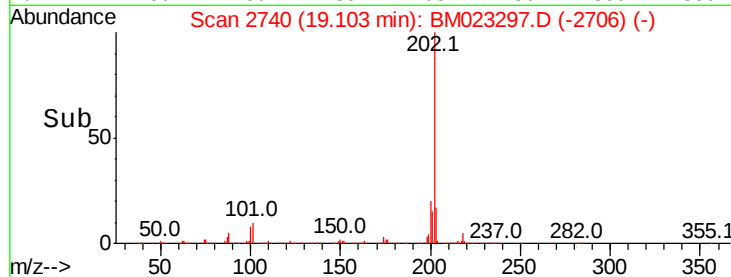
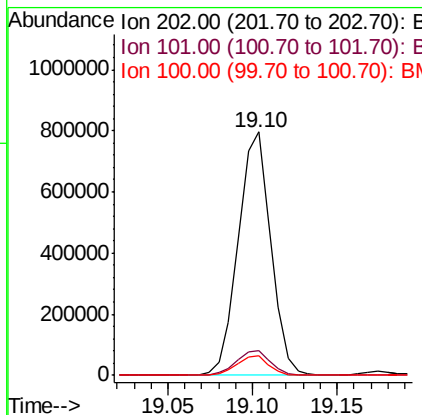
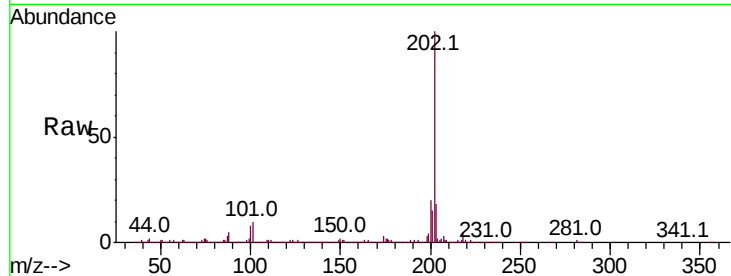




#77
Fluoranthene
 Concen: 7.844 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

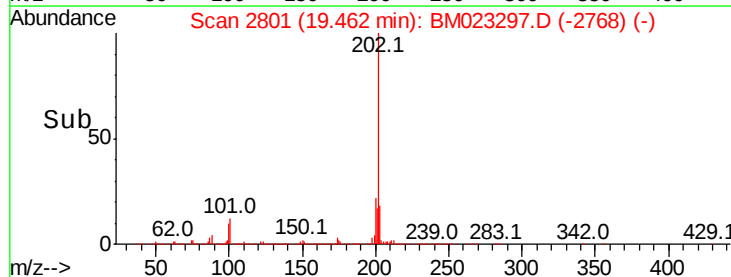
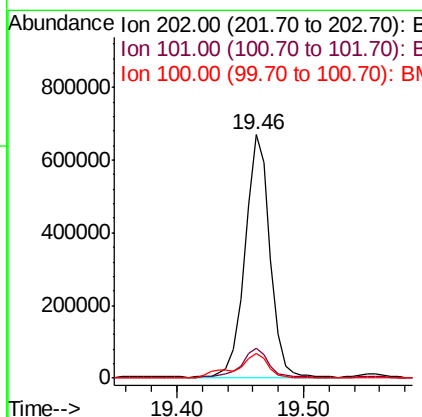
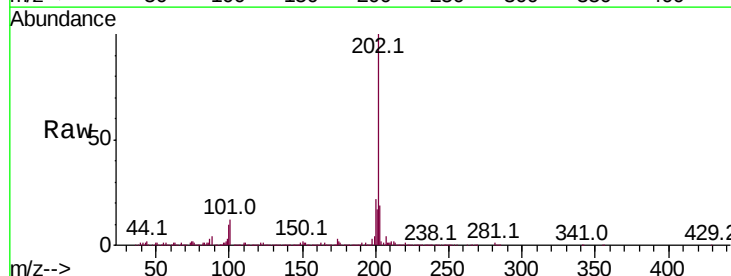
Instrument :
 BNA_M
 ClientSampleId :

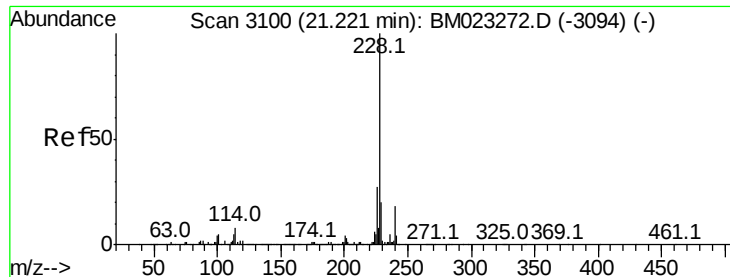
Tot Ion:202 Resp: 1065258
 Ion Ratio Lower Upper
 202 100
 101 10.0 7.8 11.8
 100 8.0 6.1 9.1



#80
Pyrene
 Concen: 6.669 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BM023297.D
 Acq: 19 Oct 2019 21:38

Tgt Ion:202 Resp: 905367
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.1 13.7
 100 10.1 7.5 11.3





#83

Benzo(a)anthracene

Concen: 3.482 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

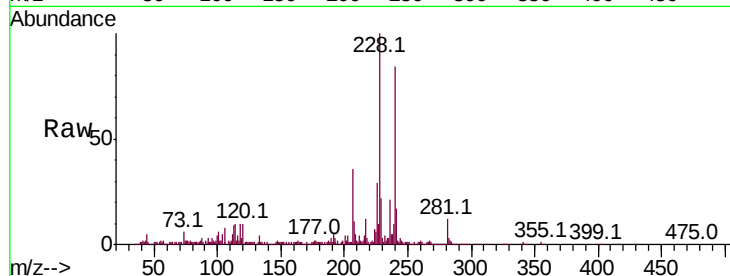
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 511265

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	28.9	21.6	32.4

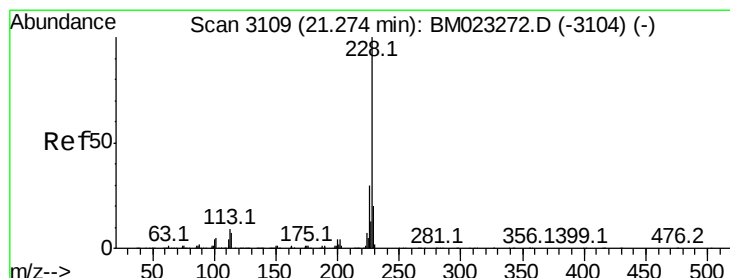
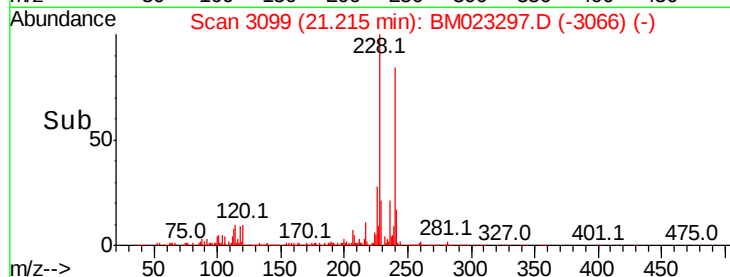
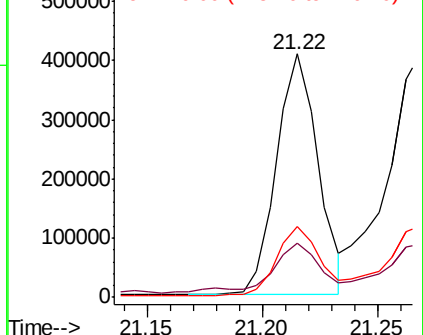


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 4.467 ng/ul

RT: 21.27 min Scan# 3108

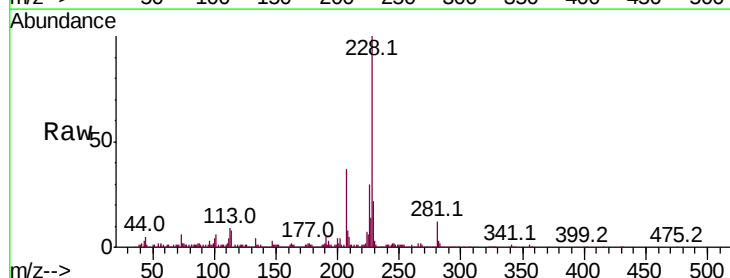
Delta R.T. -0.00 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Tgt Ion:228 Resp: 609046

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.4	15.5	23.3

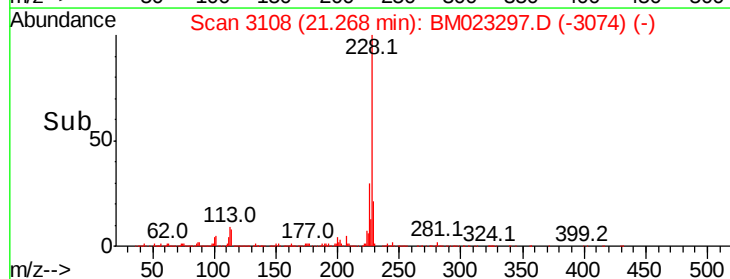
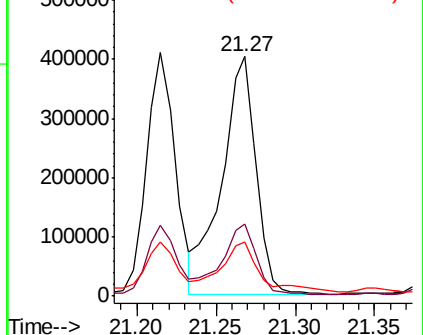


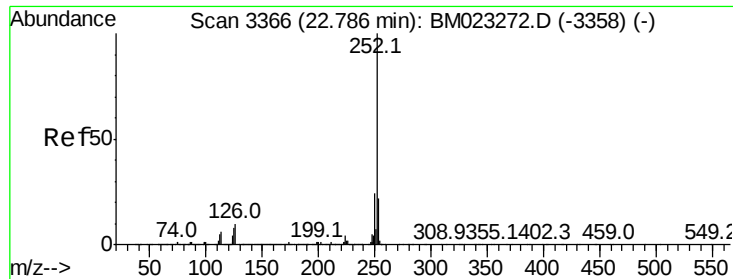
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.775 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM023297.D

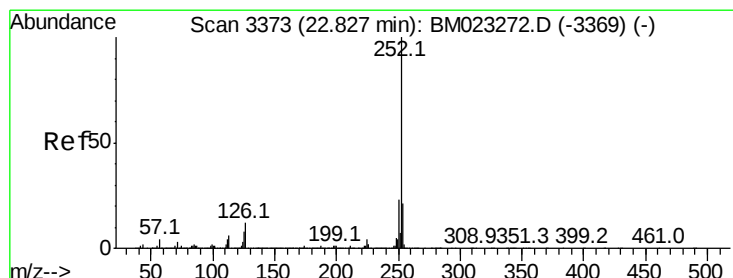
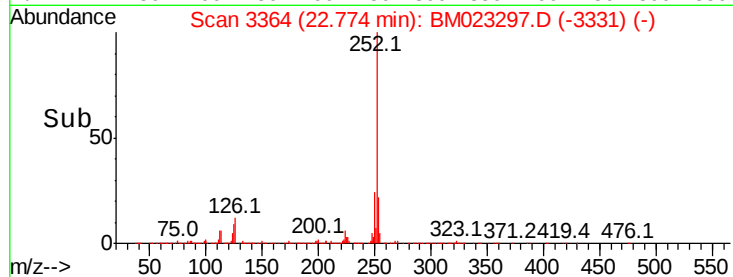
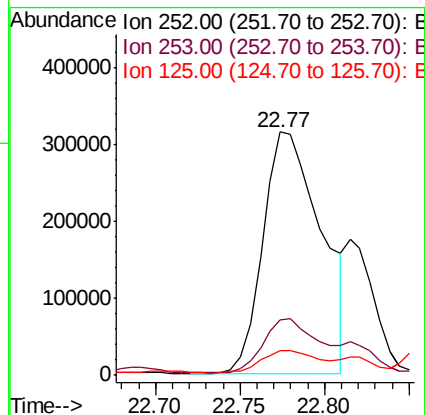
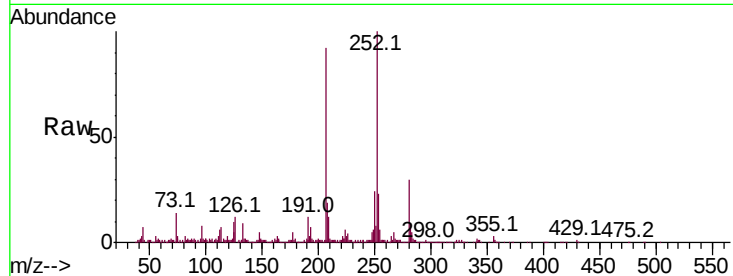
Acq: 19 Oct 2019 21:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	753215
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.9	6.4	9.6#



#89

Benzo(k)fluoranthene

Concen: 4.973 ng/ul

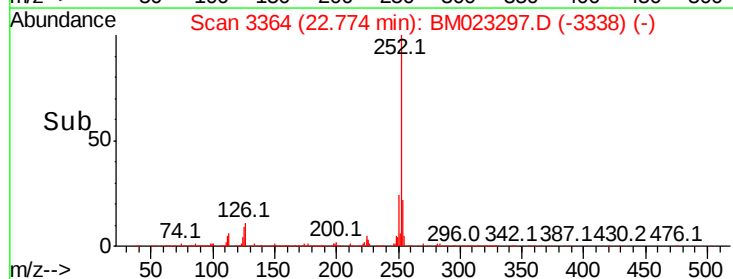
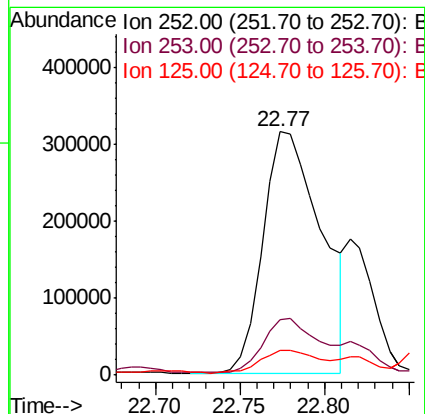
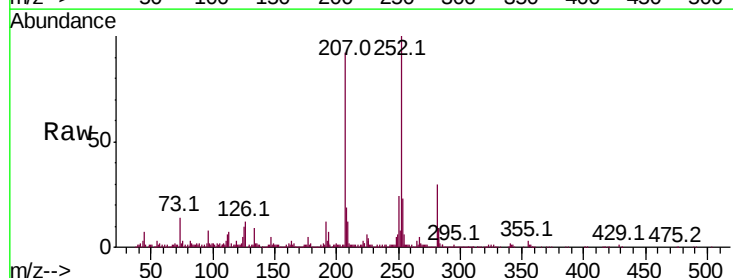
RT: 22.77 min Scan# 3364

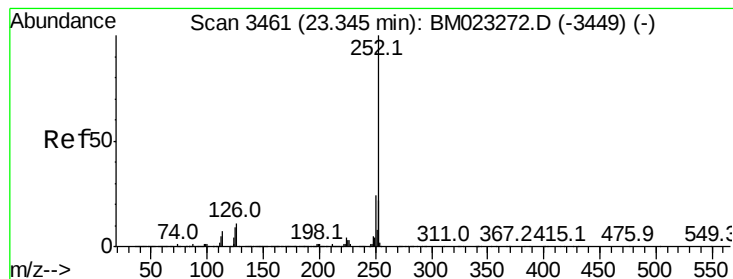
Delta R.T. -0.05 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Tgt Ion:	252	Resp:	753215
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.9	6.5	9.7#





#91

Benzo(a)pyrene

Concen: 3.092 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Instrument :

BNA_M

ClientSampleId :

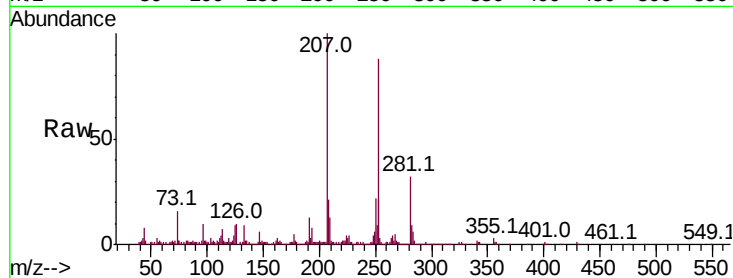
Tot Ion:252 Resp: 467883

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

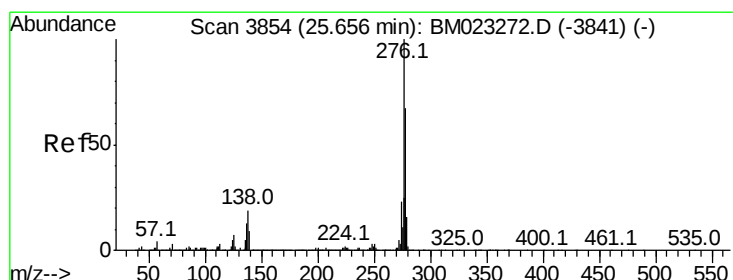
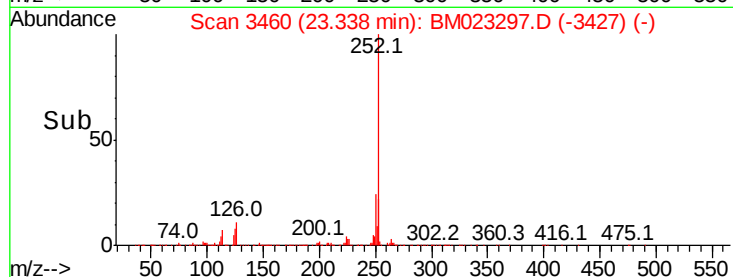
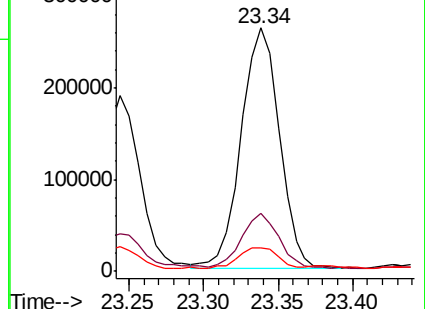
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.936 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

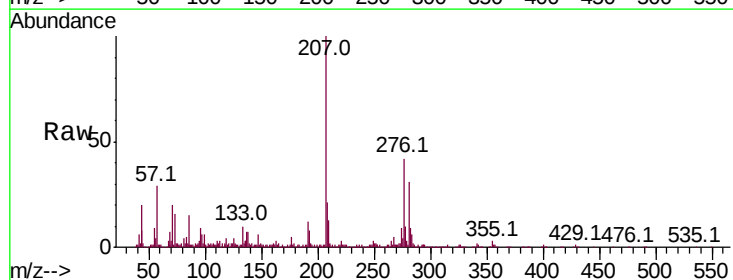
Tgt Ion:276 Resp: 348612

Ion Ratio Lower Upper

276 100

138 17.3 14.9 22.3

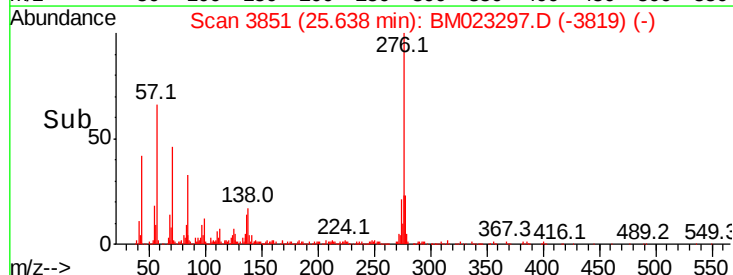
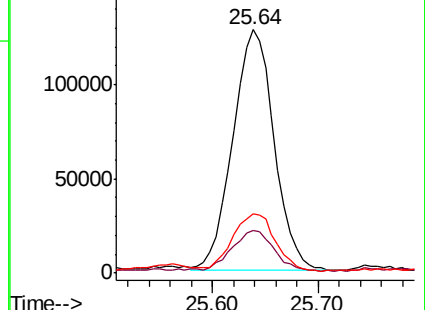
277 24.2 19.8 29.8

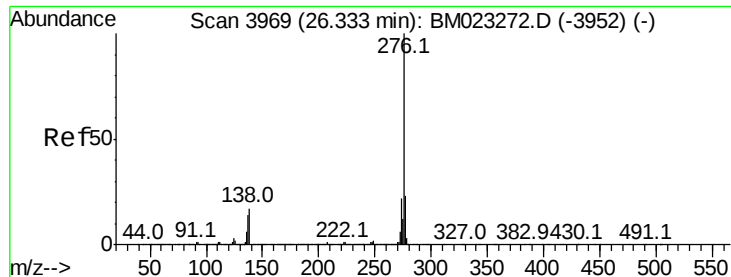


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.054 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM023297.D

Acq: 19 Oct 2019 21:38

Instrument :

BNA_M

ClientSampleId :

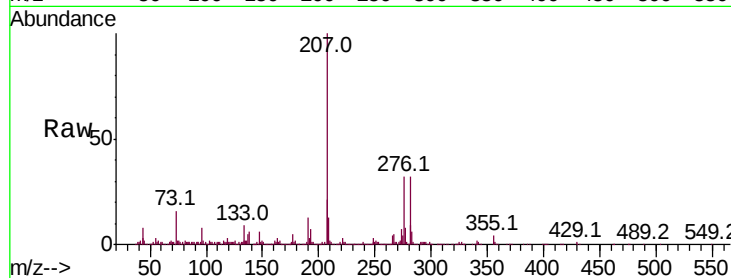
Tot Ion: 276 Resp: 304481

Ion Ratio Lower Upper

276 100

138 19.2 14.4 21.6

277 24.8 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

