

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024963.D
 Acq On : 20 Feb 2020 02:41
 Operator : CG/JU
 Sample : L1423-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 03:40:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	311565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1114023	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	662991	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1375193	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1432606	20.00	ng/ul	-0.01
86) Perylene-d12	23.09	264	1612232	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	21711	3.35	ng/uL	0.00
5) Phenol-d5	6.59	99	347489	16.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	237545	20.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	318599	17.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	208514	11.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	149040	18.50	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	165667	17.40	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	293052	15.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	269476	15.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	944723	18.88	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1130818	19.35	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.27	143	67430	8.29	ng/ul	0.00
58) Fluorene-d10	15.03	176	809526	18.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	101000	11.27	ng/ul	0.00
71) Anthracene-d10	16.89	188	1188911	18.94	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1429914	19.95	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.96	264	1651159	20.39	ng/ul	-0.02

Target Compounds

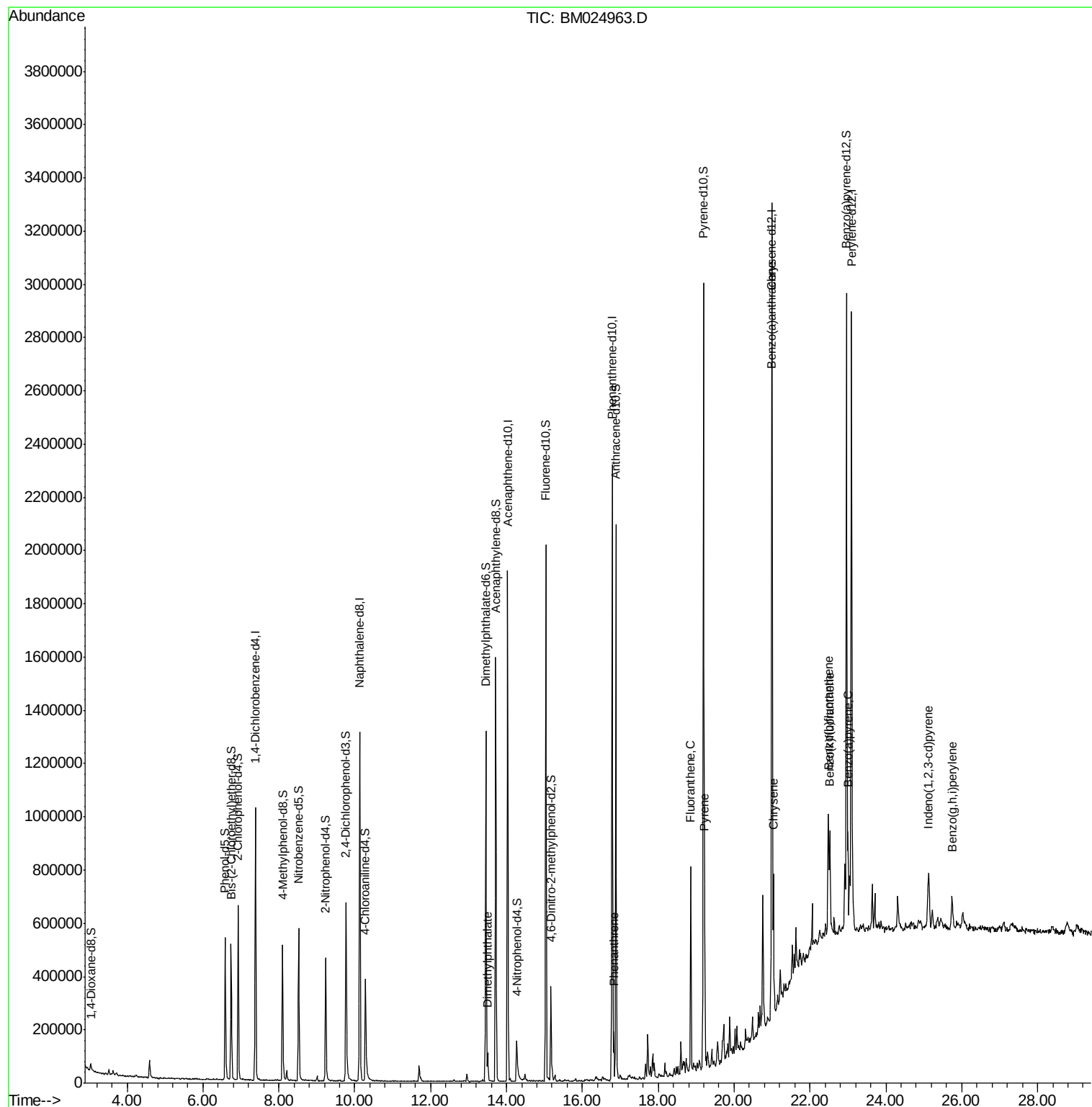
					Ovalue
45) Dimethylphthalate	13.50	163	72601	1.391 ng/ul	99
70) Phenanthrene	16.83	178	102367	1.365 ng/ul	99
77) Fluoranthene	18.86	202	454793	4.941 ng/ul	98
80) Pyrene	19.22	202	420251	4.432 ng/ul#	93
83) Benzo(a)anthracene	20.99	228	284950	2.953 ng/ul	99
85) Chrysene	21.04	228	316563	3.332 ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	394252	3.846 ng/ul#	97
89) Benzo(k)fluoranthene	22.52	252	136209	1.380 ng/ul#	95
91) Benzo(a)pyrene	23.00	252	242055	2.634 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	161671	1.413 ng/ul	98
94) Benzo(g,h,i)perylene	25.74	276	134214	1.410 ng/ul	97

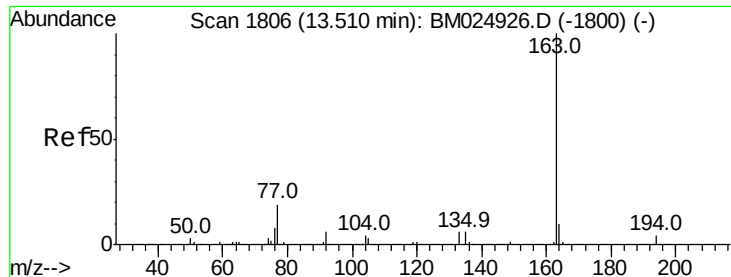
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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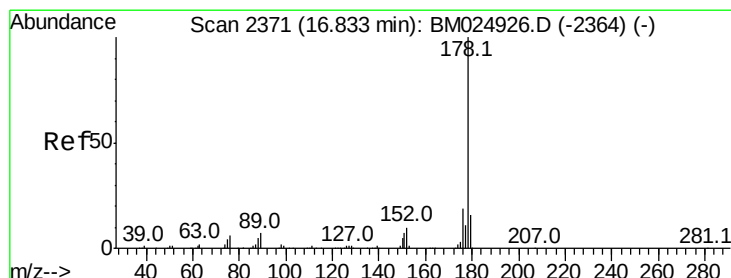
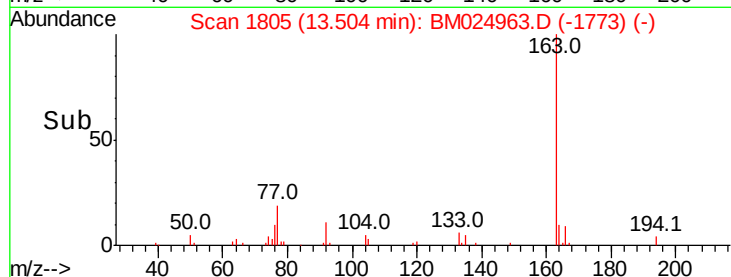
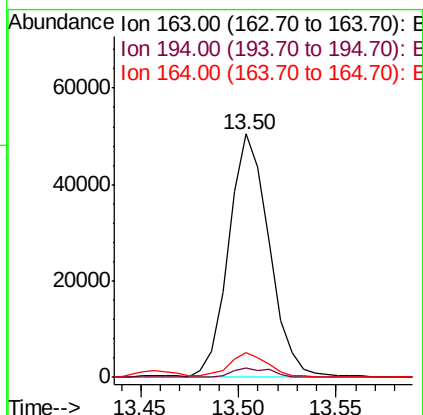
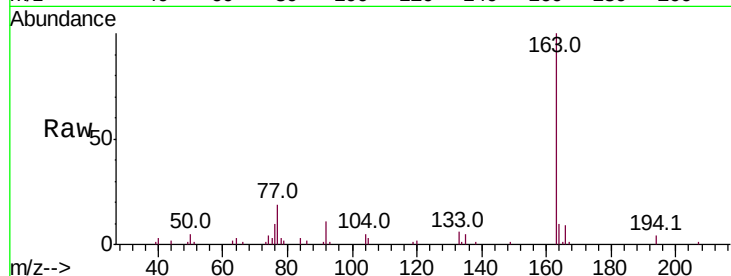




#45
Dimethylphthalate
Concen: 1.391 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

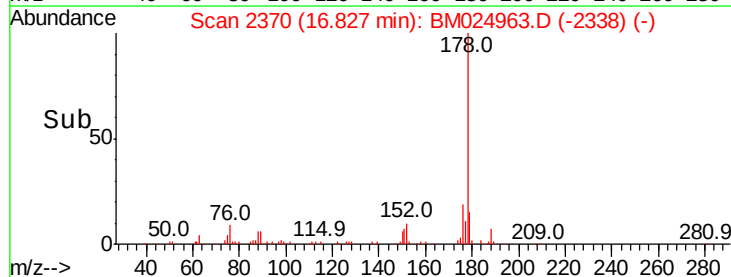
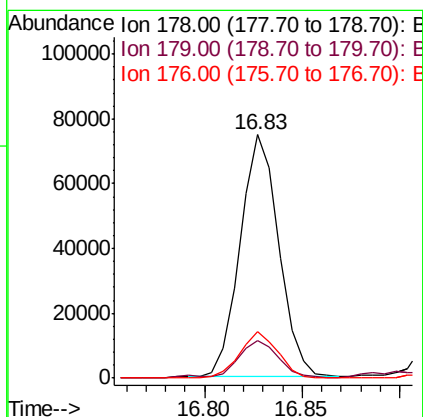
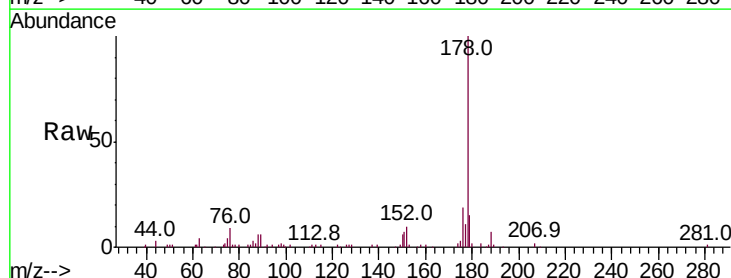
Instrument :
BNA_M
ClientSampleId :

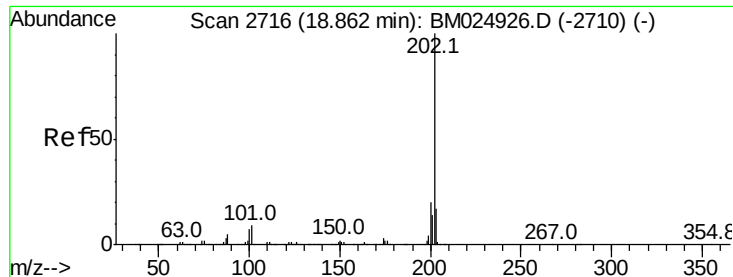
Tot Ion:163 Resp: 72601
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.9 8.2 12.2



#70
Phenanthrene
Concen: 1.365 ng/ul
RT: 16.83 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

Tgt Ion:178 Resp: 102367
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.0 14.5 21.7

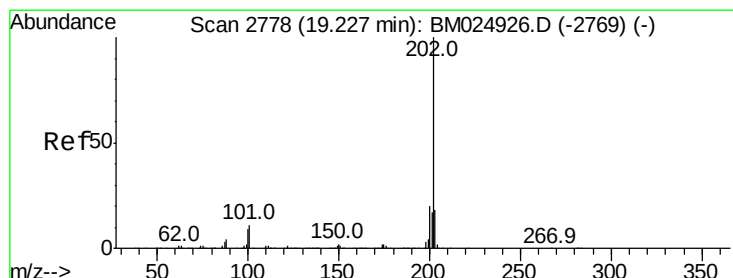
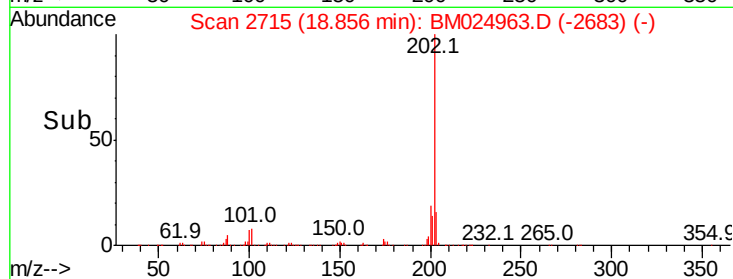
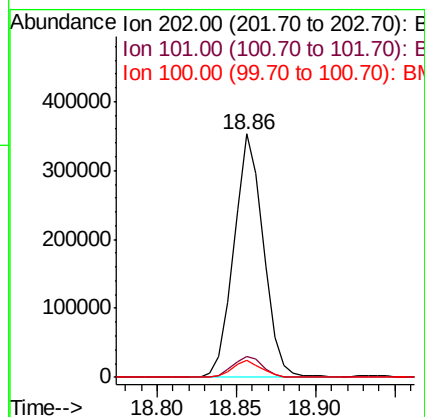
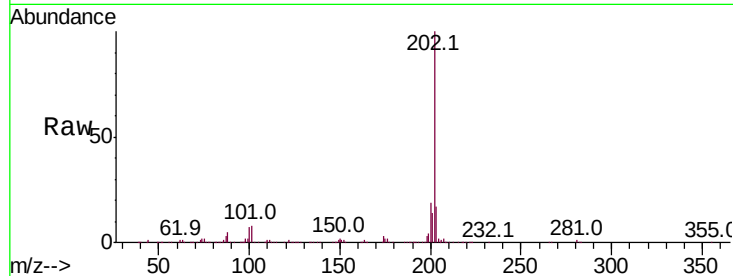




#77
Fluoranthene
Concen: 4.941 ng/ul
RT: 18.86 min Scan# 2715
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

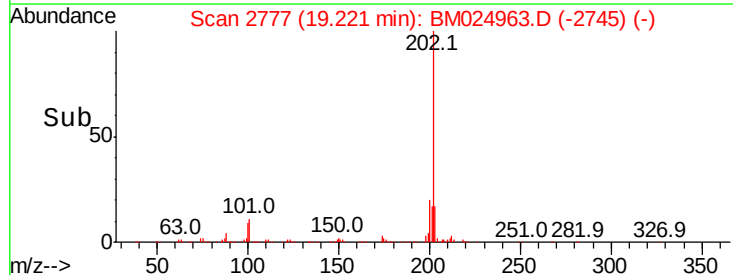
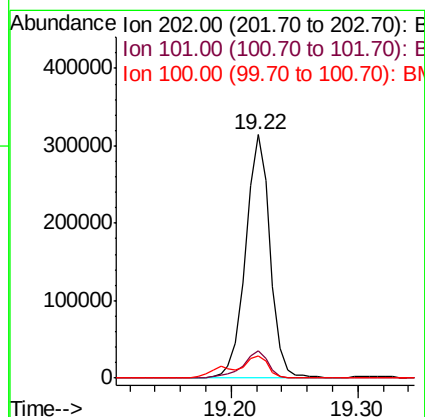
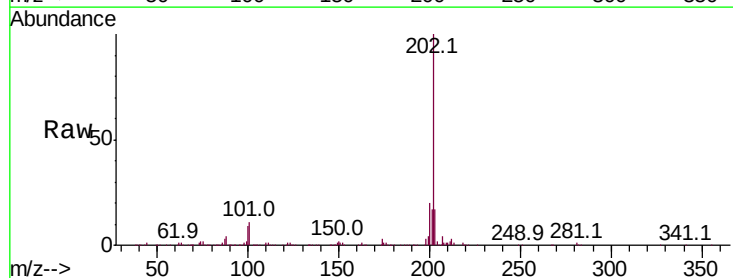
Instrument :
BNA_M
ClientSampleId :

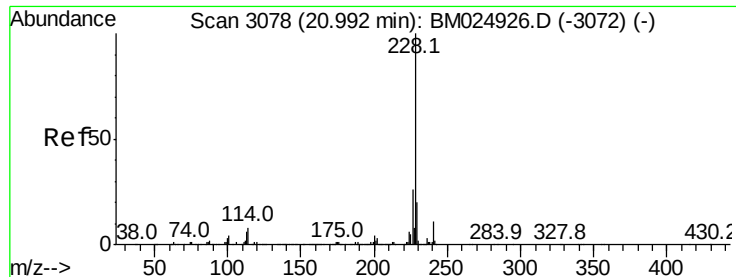
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.1	9.1
100	6.9	4.8	7.2



#80
Pyrene
Concen: 4.432 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.0	10.4#
100	9.2	5.8	8.8#

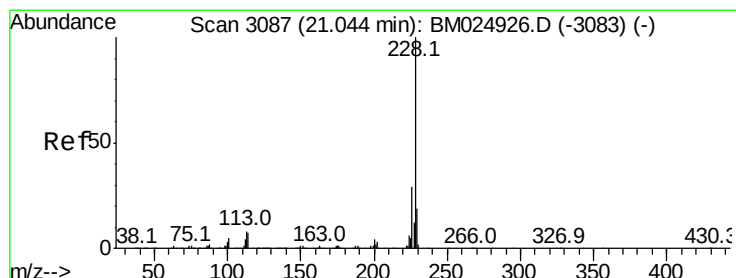
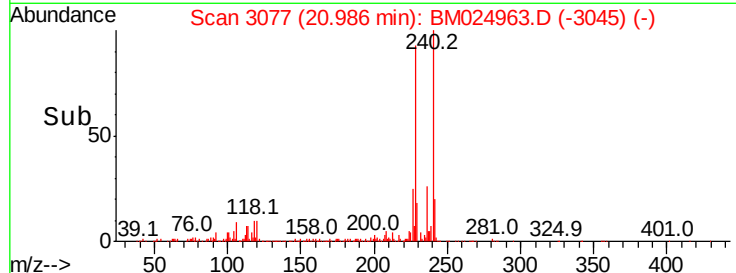
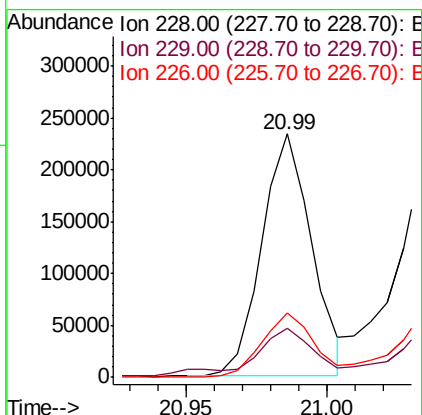
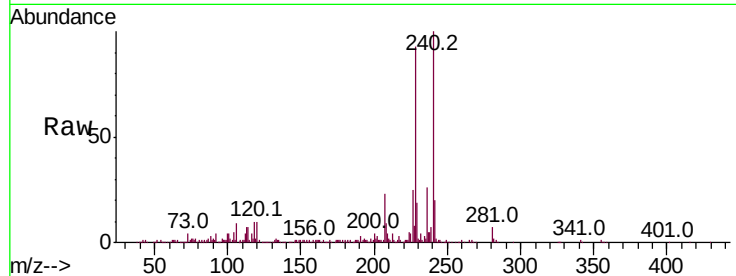




#83
Benzo(a)anthracene
Concen: 2.953 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

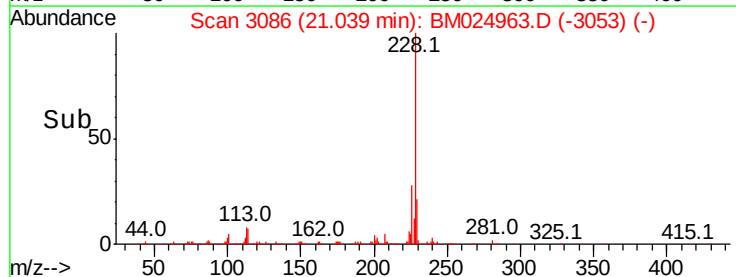
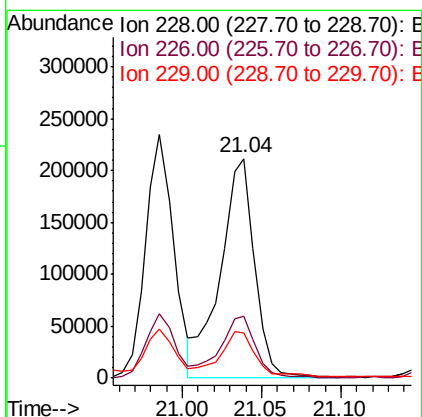
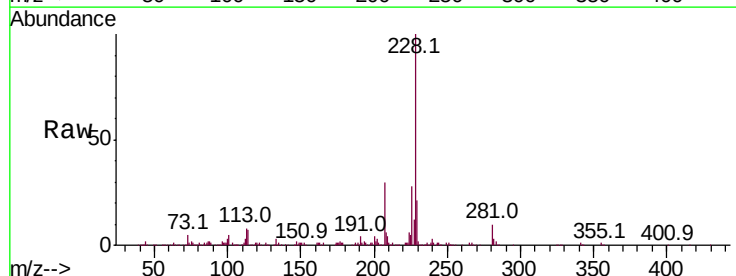
Instrument :
BNA_M
ClientSampleId :

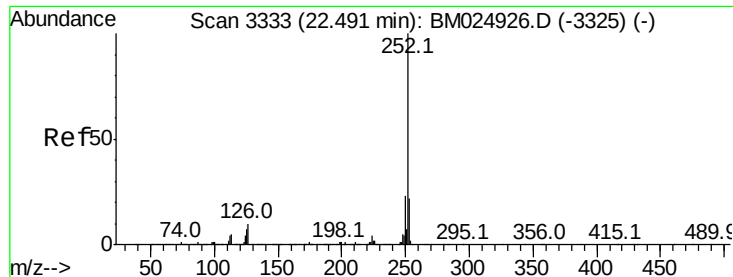
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.6	20.8	31.2



#85
Chrysene
Concen: 3.332 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM024963.D
Acq: 20 Feb 2020 02:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	20.9	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 3.846 ng/ul

RT: 22.49 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BM024963.D

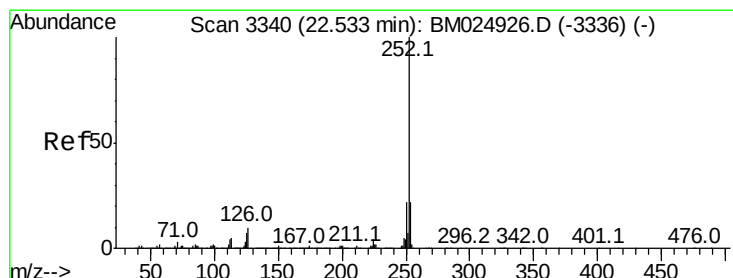
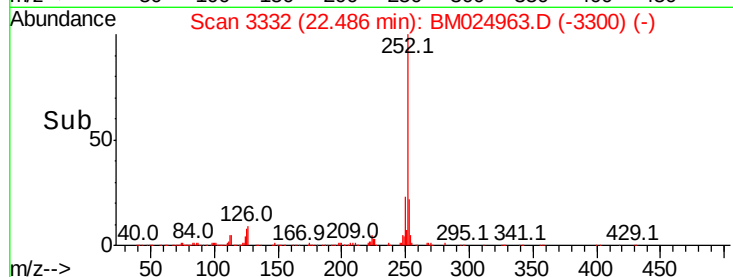
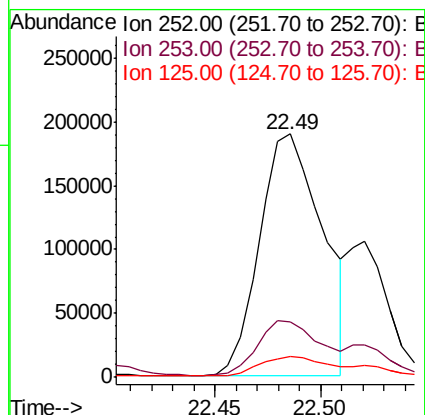
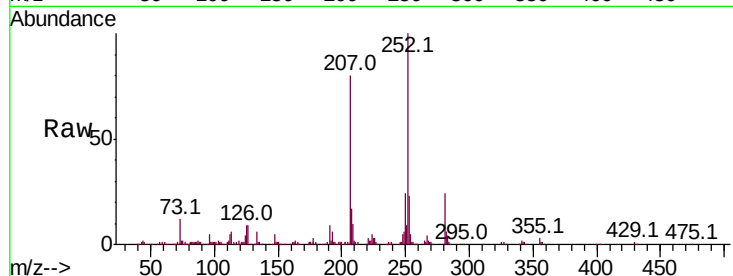
Acq: 20 Feb 2020 02:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	394252
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.3 25.9
125	8.6	5.1 7.7#



#89

Benzo(k)fluoranthene

Concen: 1.380 ng/ul

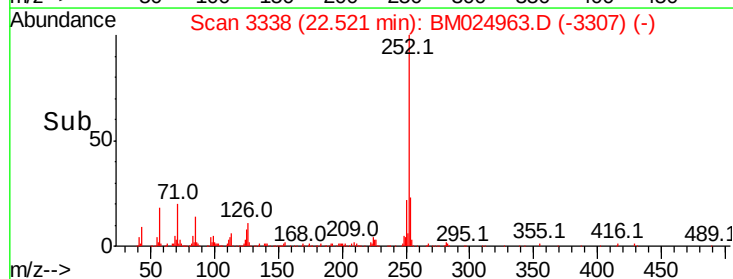
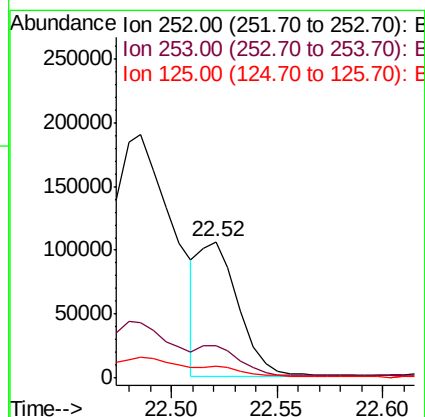
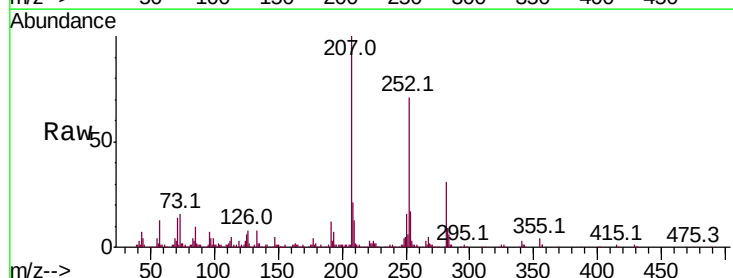
RT: 22.52 min Scan# 3338

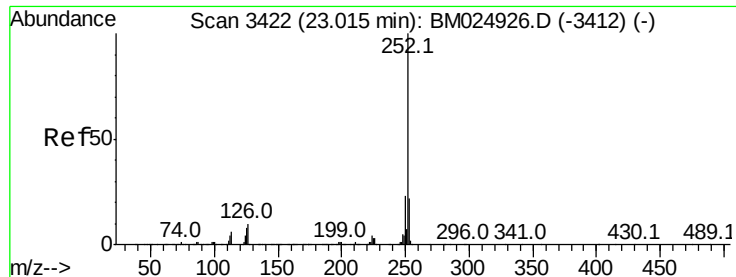
Delta R.T. -0.02 min

Lab File: BM024963.D

Acq: 20 Feb 2020 02:41

Tgt Ion:252	Resp:	136209
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.4 26.0
125	9.1	5.1 7.7#





#91

Benzo(a)pyrene

Concen: 2.634 ng/ul

RT: 23.00 min Scan# 3420

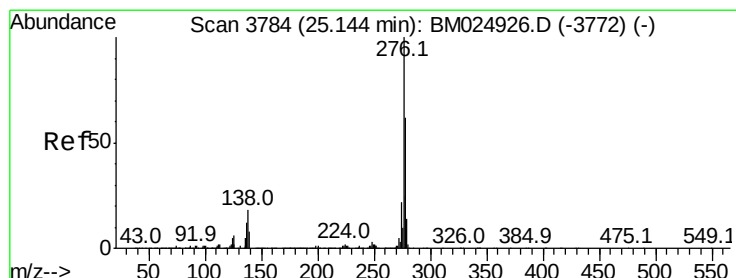
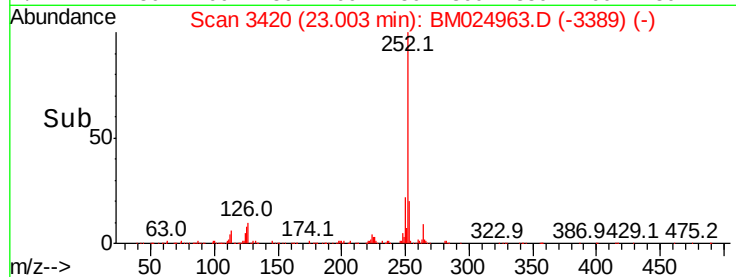
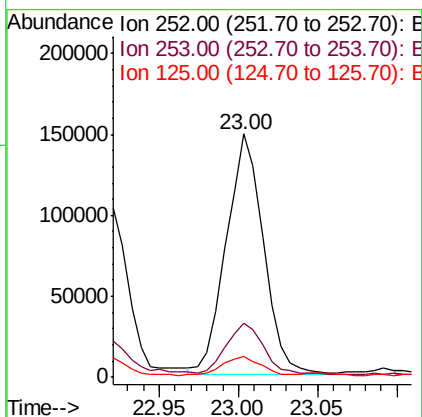
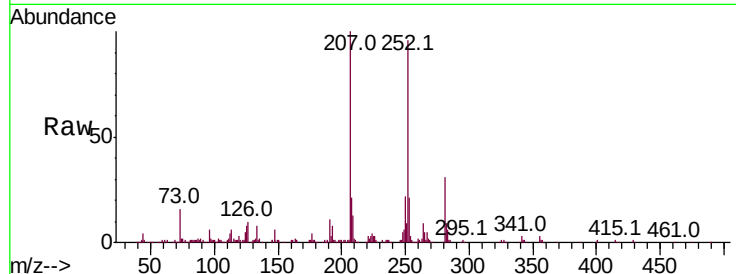
Delta R.T. -0.02 min

Lab File: BM024963.D

Acq: 20 Feb 2020 02:41

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BNA_M
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Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.8	5.6	8.4



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.413 ng/ul

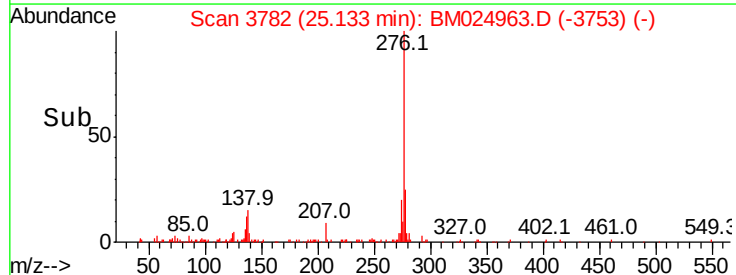
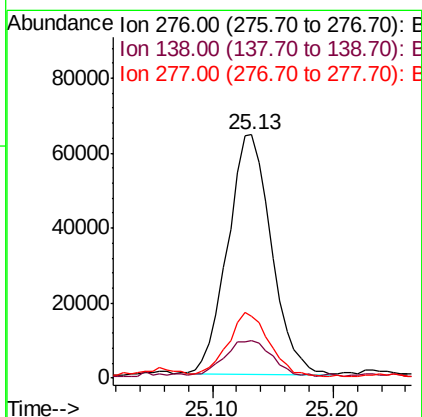
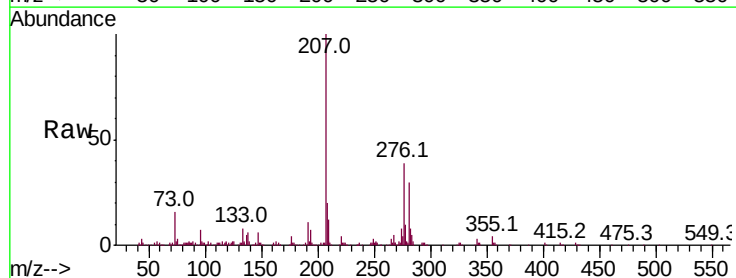
RT: 25.13 min Scan# 3782

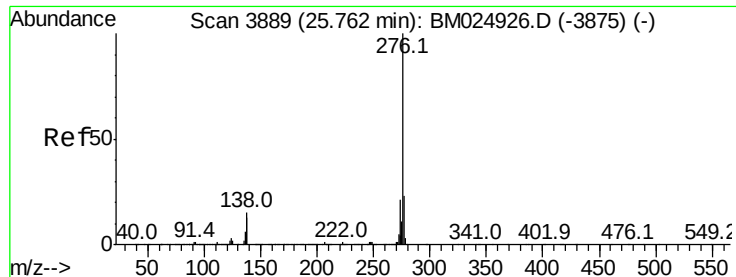
Delta R.T. -0.03 min

Lab File: BM024963.D

Acq: 20 Feb 2020 02:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.8	19.2
277	25.6	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 1.410 ng/ul

RT: 25.74 min Scan# 3886

Delta R.T. -0.03 min

Lab File: BM024963.D

Acq: 20 Feb 2020 02:41

Instrument :

BNA_M

ClientSampleId :

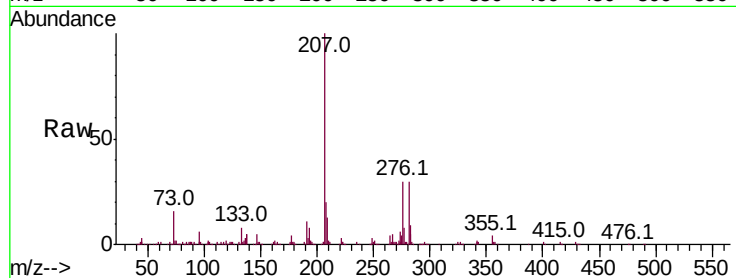
Tot Ion:276 Resp: 134214

Ion Ratio Lower Upper

276 100

138 16.6 11.8 17.6

277 25.0 19.0 28.6



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

