

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032420.D
 Acq On : 11 Oct 2021 14:33
 Operator : CG/JU
 Sample : M4029-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R0

Quant Time: Oct 11 15:11:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 11 11:06:33 2021
 Response via : Initial Calibration

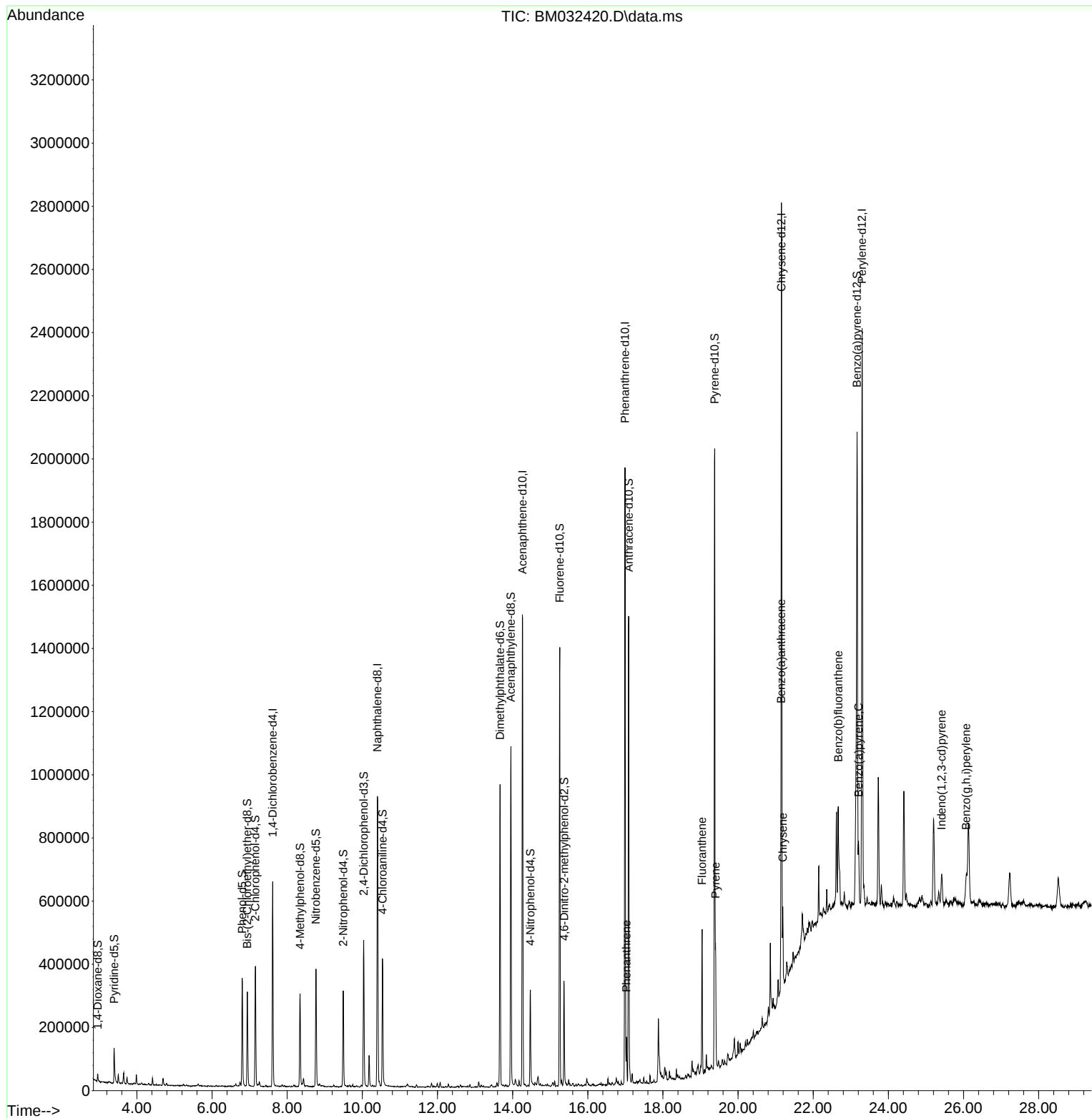
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	167662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.401	136	745063	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.266	164	505638	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.989	188	1076231	20.000	ng/u1	0.00
79) Chrysene-d12	21.154	240	1080309	20.000	ng/u1	0.00
88) Perylene-d12	23.300	264	1121174	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	11896	2.845	ng/uL	0.00
4) Pyridine-d5	3.396	84	62613	5.300	ng/u1	0.01
7) Phenol-d5	6.802	99	194218	13.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	127664	15.595	ng/u1	0.00
11) 2-Chlorophenol-d4	7.154	132	169126	15.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.343	113	108807	9.449	ng/u1	0.00
21) Nitrobenzene-d5	8.766	128	87037	16.557	ng/u1	0.00
24) 2-Nitrophenol-d4	9.490	143	96186	16.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.037	165	165297	14.654	ng/u1	0.00
31) 4-Chloroaniline-d4	10.537	131	208822	12.551	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	606711	17.338	ng/u1	0.00
49) Acenaphthylene-d8	13.954	160	717635	16.881	ng/u1	0.00
54) 4-Nitrophenol-d4	14.472	143	74230	10.802	ng/u1	0.00
60) Fluorene-d10	15.254	176	523242	17.631	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.372	200	64563	10.526	ng/u1	0.00
73) Anthracene-d10	17.089	188	786133	16.781	ng/u1	0.00
81) Pyrene-d10	19.377	212	972846	17.900	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.165	264	941430	16.767	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.030	178	76708	1.381	ng/u1	99
80) Fluoranthene	19.042	202	250008	3.728	ng/u1	99
82) Pyrene	19.401	202	215047	3.122	ng/u1	97
85) Benzo(a)anthracene	21.142	228	114172	1.753	ng/u1	98
87) Chrysene	21.189	228	134783	2.101	ng/u1	97
90) Benzo(b)fluoranthene	22.665	252	203014	2.976	ng/u1#	97
93) Benzo(a)pyrene	23.206	252	118940	1.843	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.418	276	86356	1.211	ng/u1	97
96) Benzo(g,h,i)perylene	26.071	276	78971	1.265	ng/u1	99

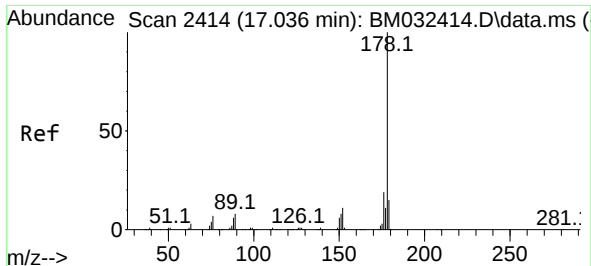
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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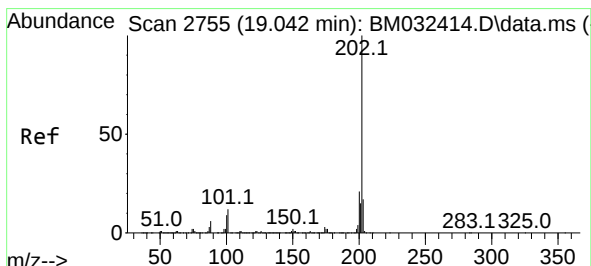
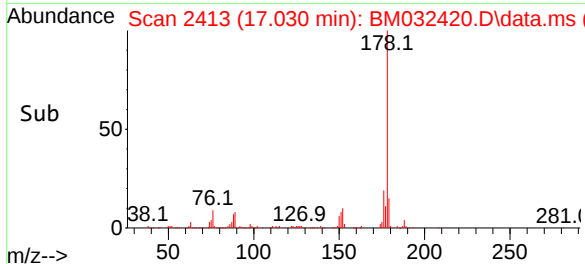
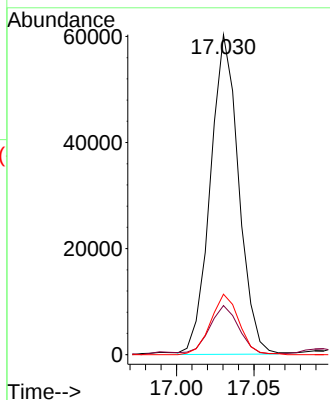
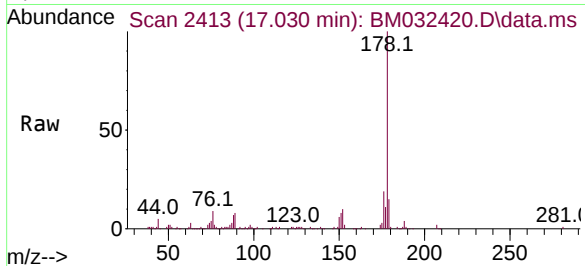




#72
Phenanthrene
Concen: 1.381 ng/ul
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

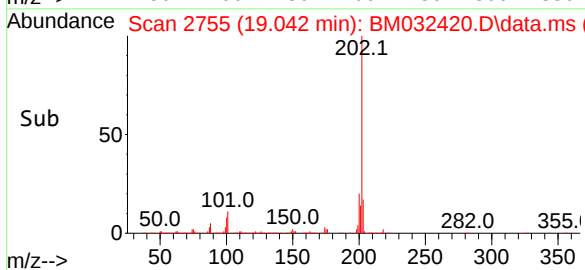
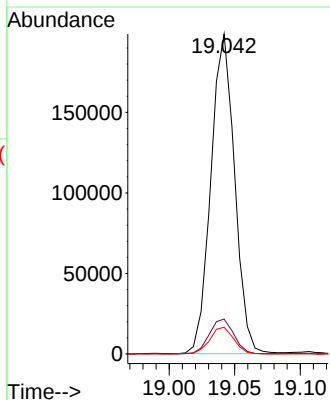
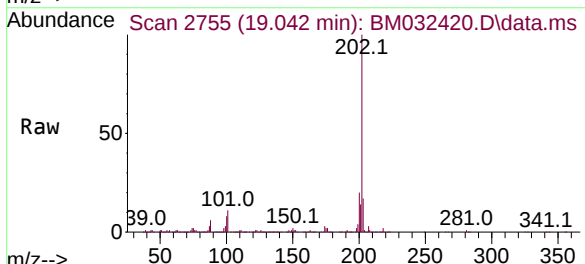
Instrument :
BNA_M
ClientSampleId :
C00R0

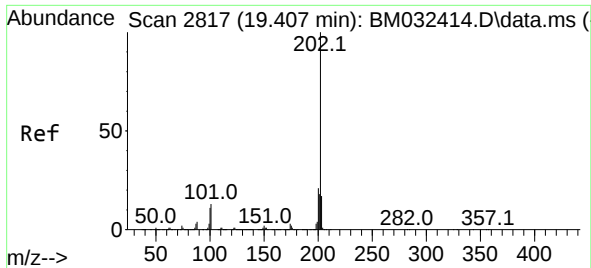
Tgt Ion:178 Resp: 76708
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 18.9 15.4 23.0



#80
Fluoranthene
Concen: 3.728 ng/ul
RT: 19.042 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

Tgt Ion:202 Resp: 250008
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
100 8.3 7.0 10.4

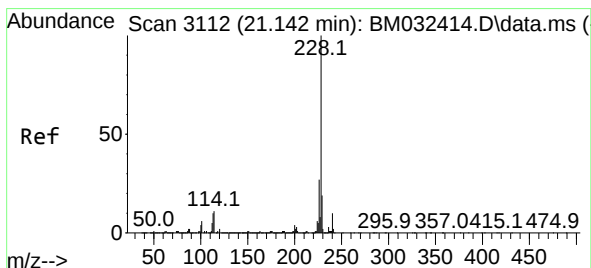
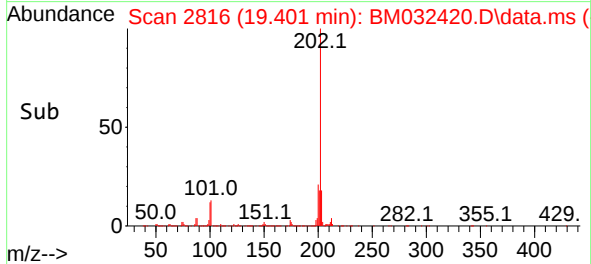
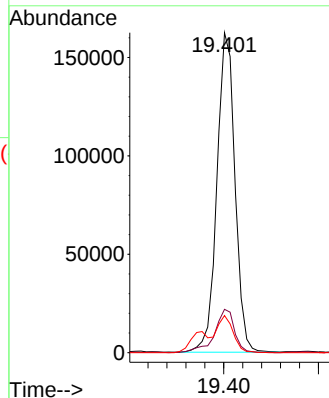
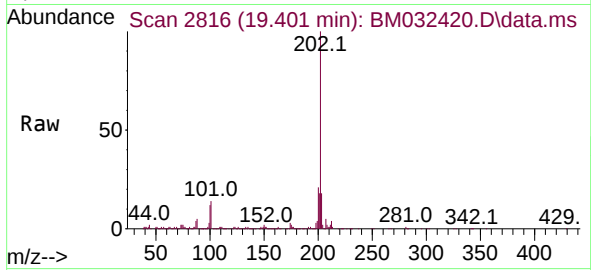




#82
Pyrene
Concen: 3.122 ng/ul
RT: 19.401 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

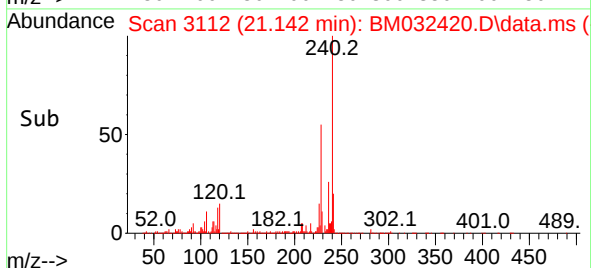
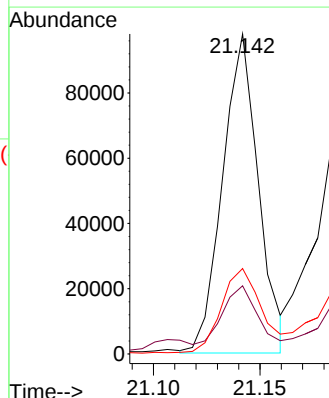
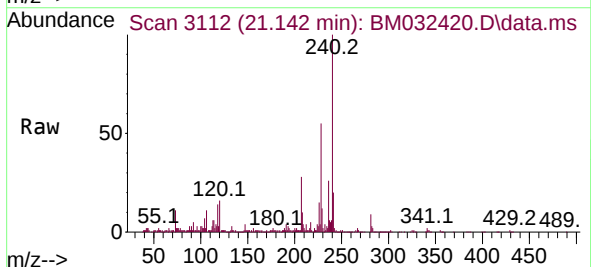
Instrument :
BNA_M
ClientSampleId :
C00R0

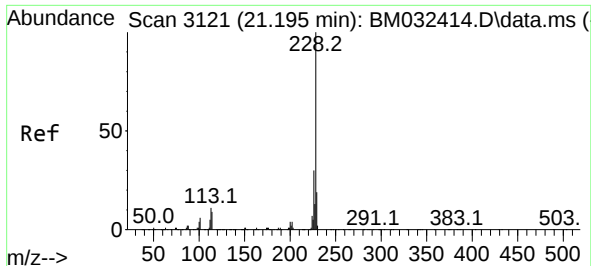
Tgt Ion:202 Resp: 215047
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.6 8.1 12.1



#85
Benzo(a)anthracene
Concen: 1.753 ng/ul
RT: 21.142 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

Tgt Ion:228 Resp: 114172
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 26.7 21.8 32.6

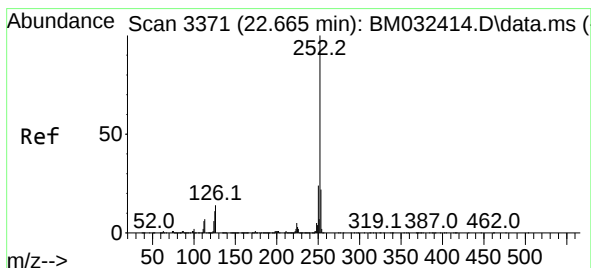
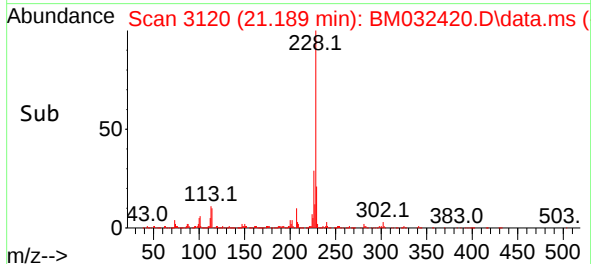
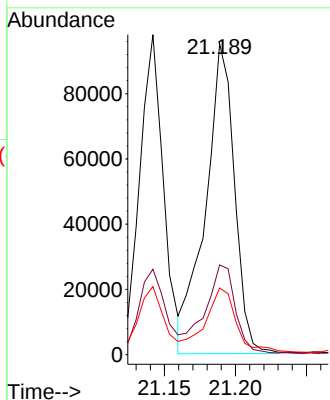
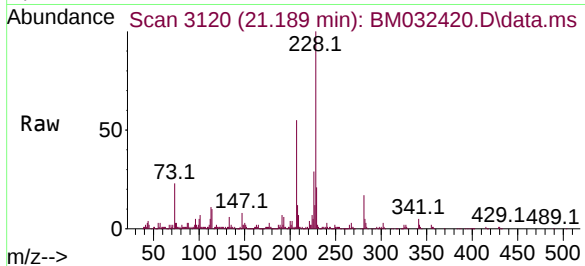




#87
Chrysene
Concen: 2.101 ng/ul
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

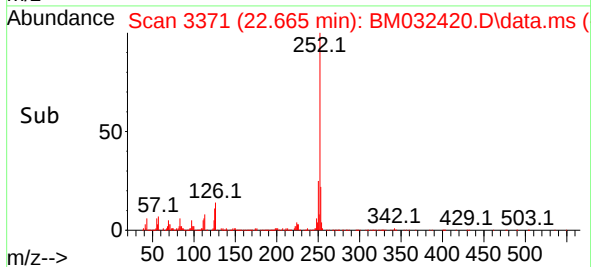
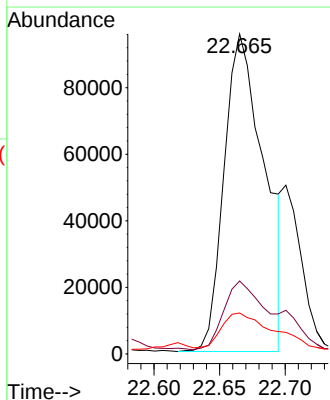
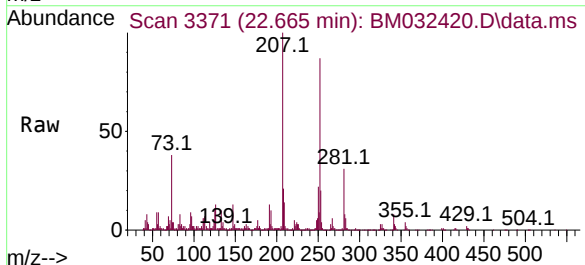
Instrument :
BNA_M
ClientSampleId :
C00R0

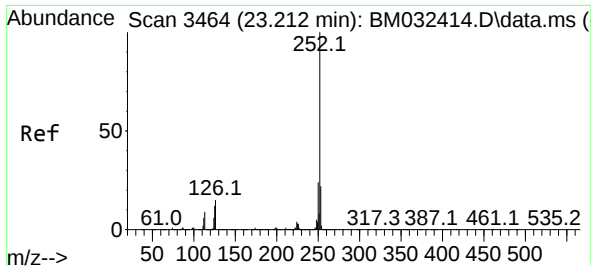
Tgt Ion:228 Resp: 134783
Ion Ratio Lower Upper
228 100
226 28.9 24.1 36.1
229 21.4 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 2.976 ng/ul
RT: 22.665 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

Tgt Ion:252 Resp: 203014
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.8 8.2 12.4#

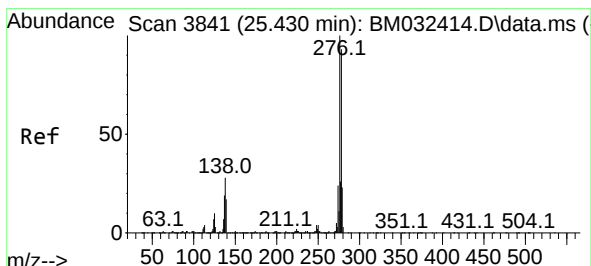
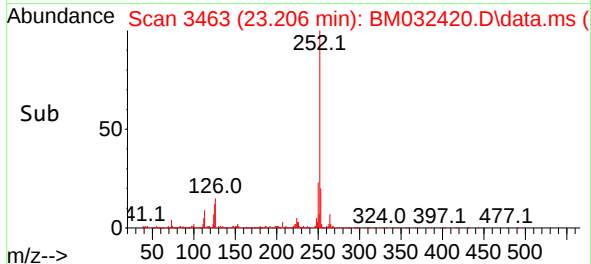
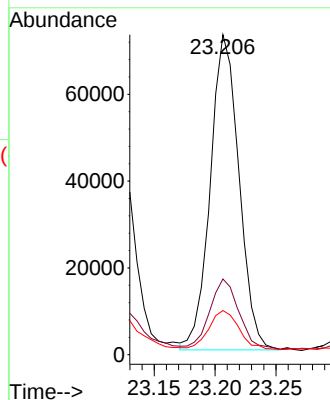
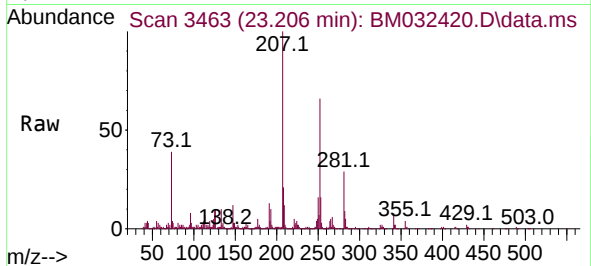




#93
Benzo(a)pyrene
Concen: 1.843 ng/ul
RT: 23.206 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

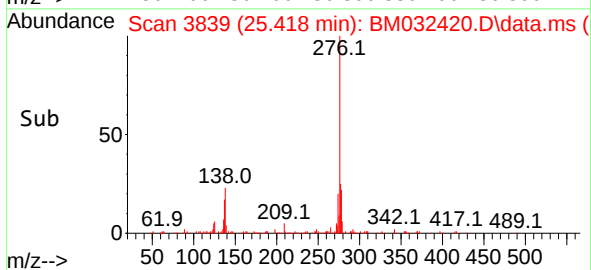
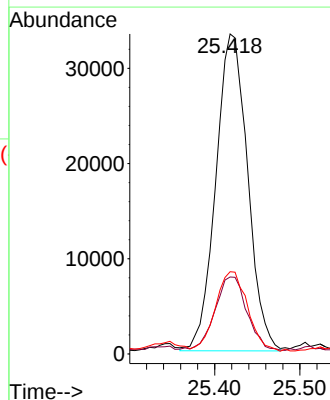
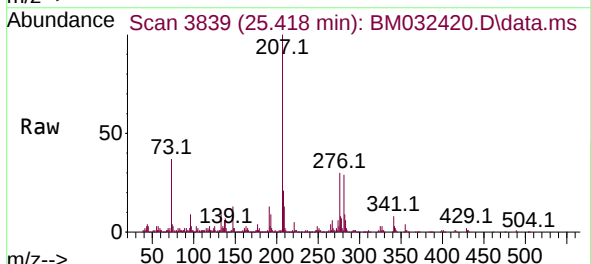
Instrument :
BNA_M
ClientSampleId :
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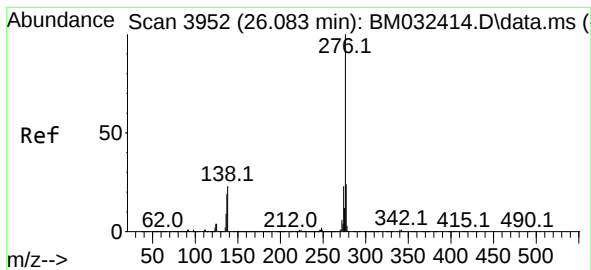
Tgt Ion:252 Resp: 118940
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 13.8 9.2 13.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.211 ng/ul
RT: 25.418 min Scan# 3839
Delta R.T. -0.012 min
Lab File: BM032420.D
Acq: 11 Oct 2021 14:33

Tgt Ion:276 Resp: 86356
Ion Ratio Lower Upper
276 100
138 24.0 21.8 32.6
277 25.7 20.4 30.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.265 ng/ul
 RT: 26.071 min Scan# 3950
 Delta R.T. -0.012 min
 Lab File: BM032420.D
 Acq: 11 Oct 2021 14:33

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Tgt Ion:	276	Resp:	78971
Ion Ratio	Lower	Upper	
276	100		
138	24.4	18.6	27.8
277	23.6	19.0	28.4

