

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032432.D
 Acq On : 11 Oct 2021 22:27
 Operator : CG/JU
 Sample : M4029-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R7

Quant Time: Oct 12 01:02:45 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)

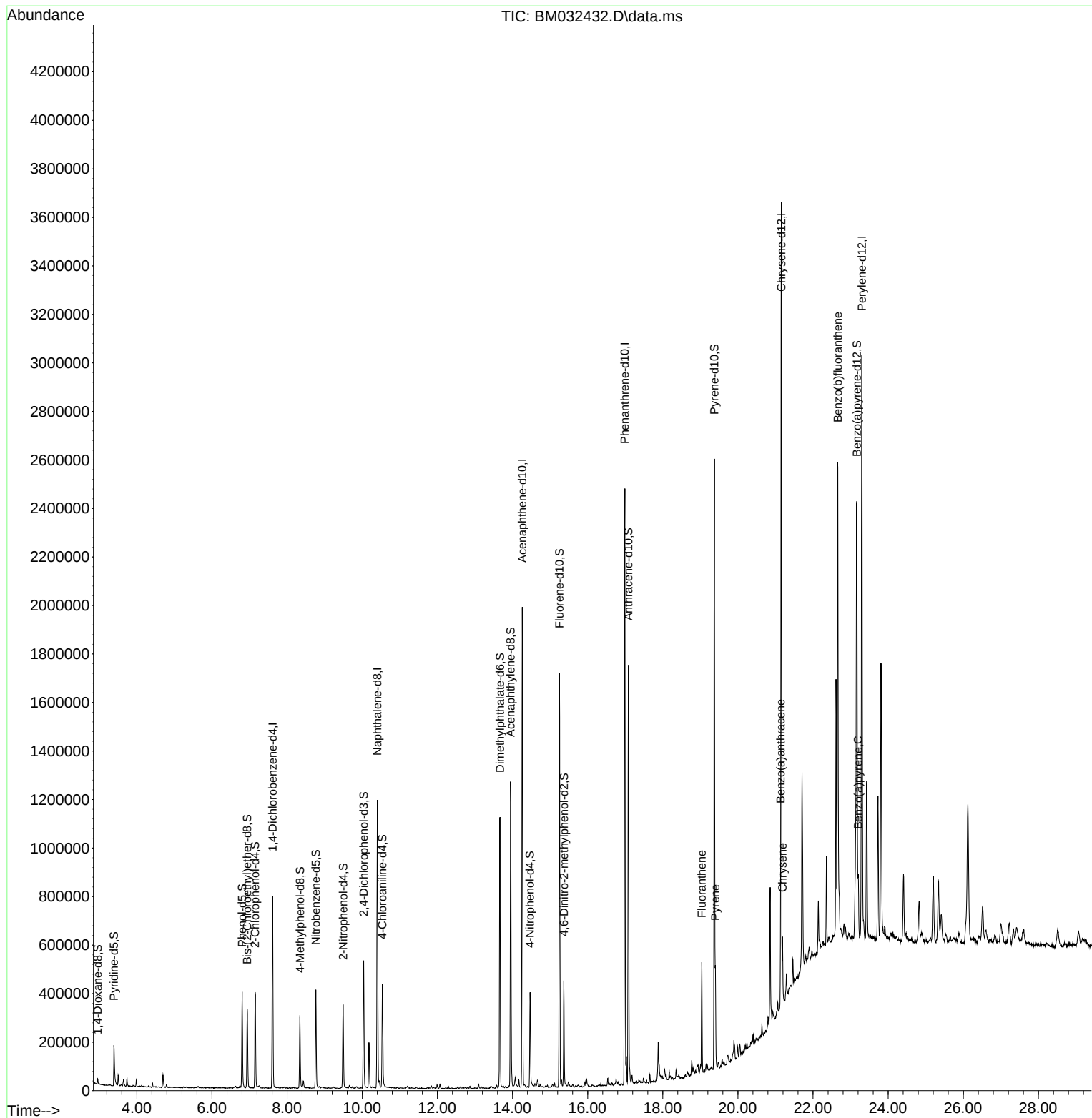
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	211593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.401	136	956170	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.260	164	657571	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.989	188	1373359	20.000	ng/u1	0.00
79) Chrysene-d12	21.153	240	1388556	20.000	ng/u1	0.00
88) Perylene-d12	23.300	264	1496606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	11926	2.260	ng/uL	0.00
4) Pyridine-d5	3.390	84	99150	6.650	ng/u1	0.00
7) Phenol-d5	6.801	99	218127	12.123	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	136494	13.212	ng/u1	0.00
11) 2-Chlorophenol-d4	7.149	132	179807	13.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.343	113	111160	7.649	ng/u1	0.00
21) Nitrobenzene-d5	8.766	128	94413	13.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.490	143	105025	14.443	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.037	165	188566	13.026	ng/u1	0.00
31) 4-Chloroaniline-d4	10.537	131	221178	10.358	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	731437	16.073	ng/u1	0.00
49) Acenaphthylene-d8	13.948	160	842231	15.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.466	143	90753	10.155	ng/u1	-0.01
60) Fluorene-d10	15.248	176	624763	16.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.366	200	80686	10.309	ng/u1	0.00
73) Anthracene-d10	17.083	188	936627	15.668	ng/u1	0.00
81) Pyrene-d10	19.371	212	1193104	17.080	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.165	264	1209600	16.139	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.036	202	253297	2.939	ng/u1	99
82) Pyrene	19.401	202	229251	2.589	ng/u1	98
85) Benzo(a)anthracene	21.136	228	153213	1.830	ng/u1	99
87) Chrysene	21.189	228	146181	1.773	ng/u1	99
90) Benzo(b)fluoranthene	22.659	252	223408	2.454	ng/u1#	70
93) Benzo(a)pyrene	23.200	252	132554	1.539	ng/u1#	94

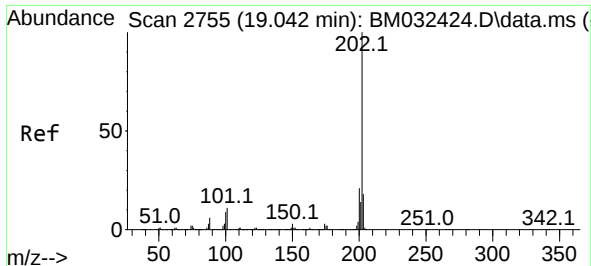
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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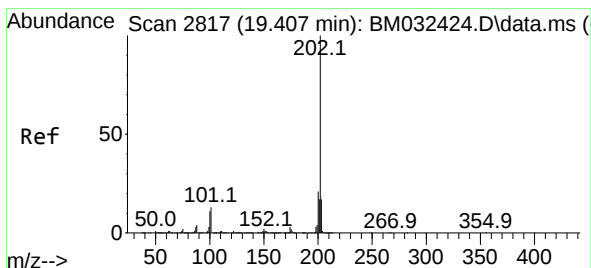
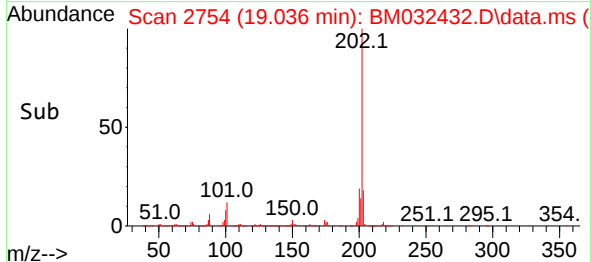
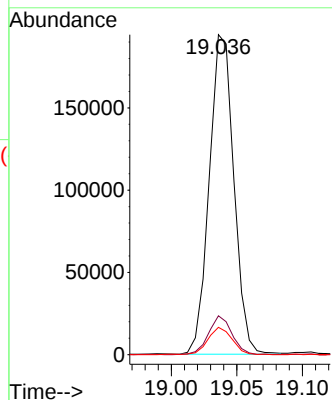
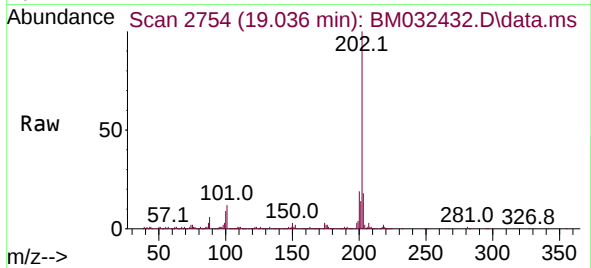




#80
Fluoranthene
Concen: 2.939 ng/ul
RT: 19.036 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

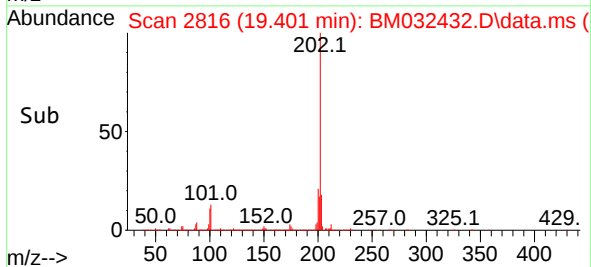
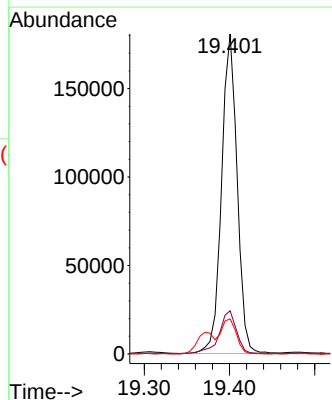
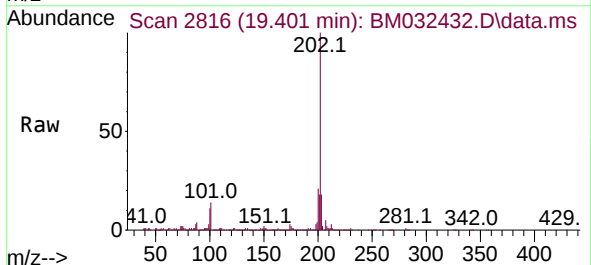
Instrument :
BNA_M
ClientSampleId :
C00R7

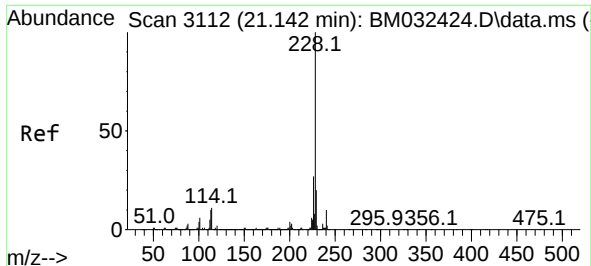
Tgt Ion:202 Resp: 253297
Ion Ratio Lower Upper
202 100
101 12.2 9.1 13.7
100 8.5 7.0 10.4



#82
Pyrene
Concen: 2.589 ng/ul
RT: 19.401 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

Tgt Ion:202 Resp: 229251
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.9 8.1 12.1

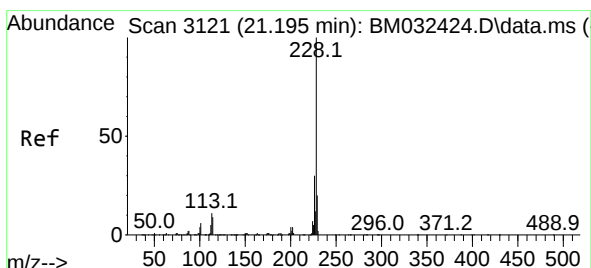
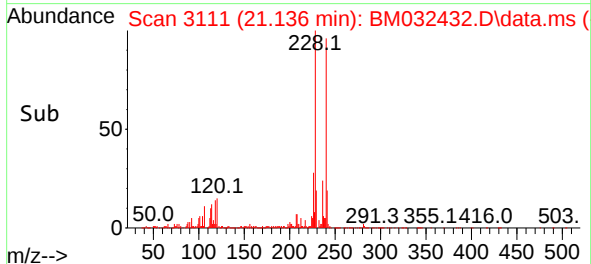
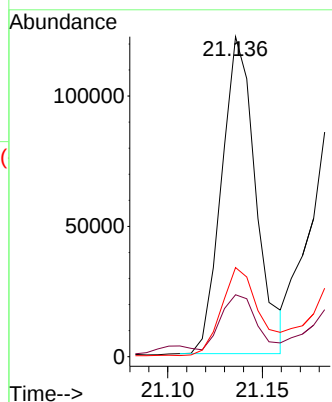
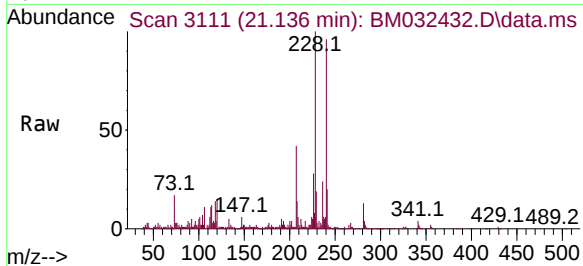




#85
Benzo(a)anthracene
Concen: 1.830 ng/uI
RT: 21.136 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

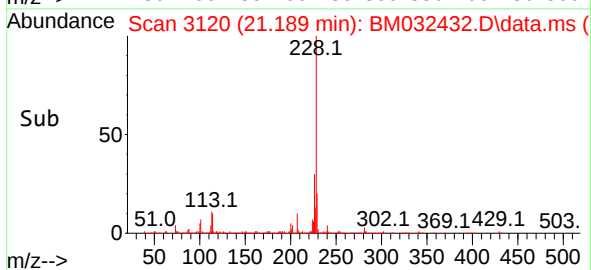
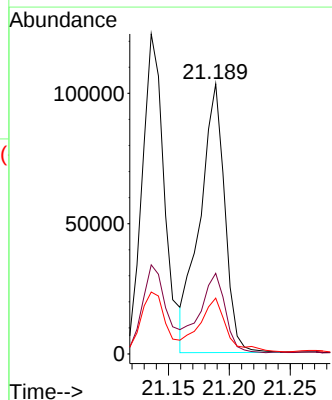
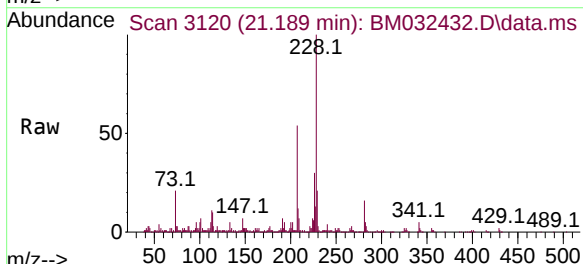
Instrument :
BNA_M
ClientSampleId :
C00R7

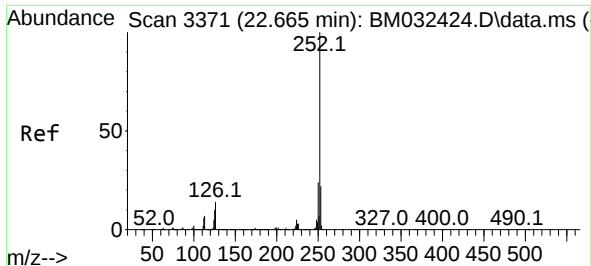
Tgt Ion:228	Resp: 153213
Ion Ratio	Lower Upper
228 100	
229 19.4	15.6 23.4
226 27.9	21.8 32.6



#87
Chrysene
Concen: 1.773 ng/uI
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

Tgt Ion:228	Resp: 146181		
Ion Ratio	Lower	Upper	
228 100			
226 29.9	24.1	36.1	
229 20.7	15.5	23.3	

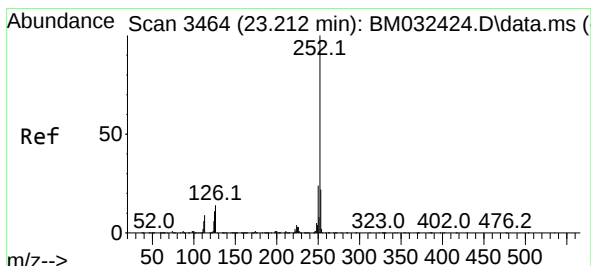
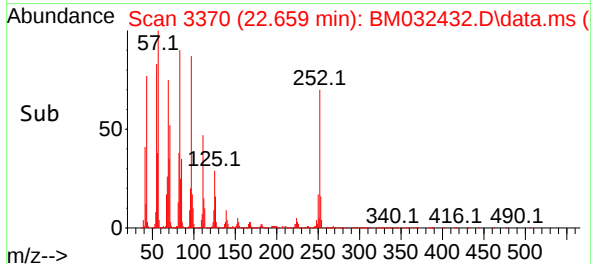
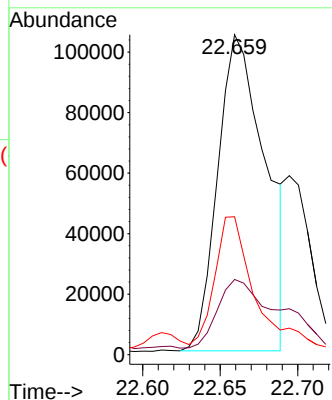
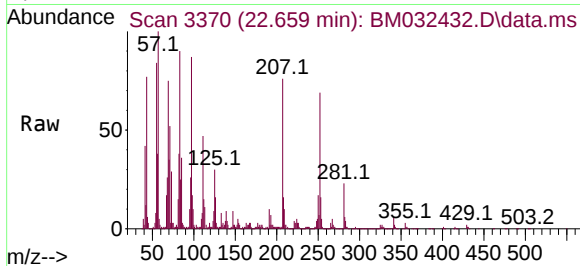




#90
Benzo(b)fluoranthene
Concen: 2.454 ng/u1
RT: 22.659 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

Instrument :
BNA_M
ClientSampled :
C00R7

Tgt Ion:252 Resp: 223408
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 43.1 8.2 12.4#



#93
Benzo(a)pyrene
Concen: 1.539 ng/u1
RT: 23.200 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM032432.D
Acq: 11 Oct 2021 22:27

Tgt Ion:252 Resp: 132554
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 15.1 9.2 13.8#

