

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047924.D
 Acq On : 08 Oct 2024 22:22
 Operator : RC/JU
 Sample : P4183-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM5

Quant Time: Oct 09 01:57:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

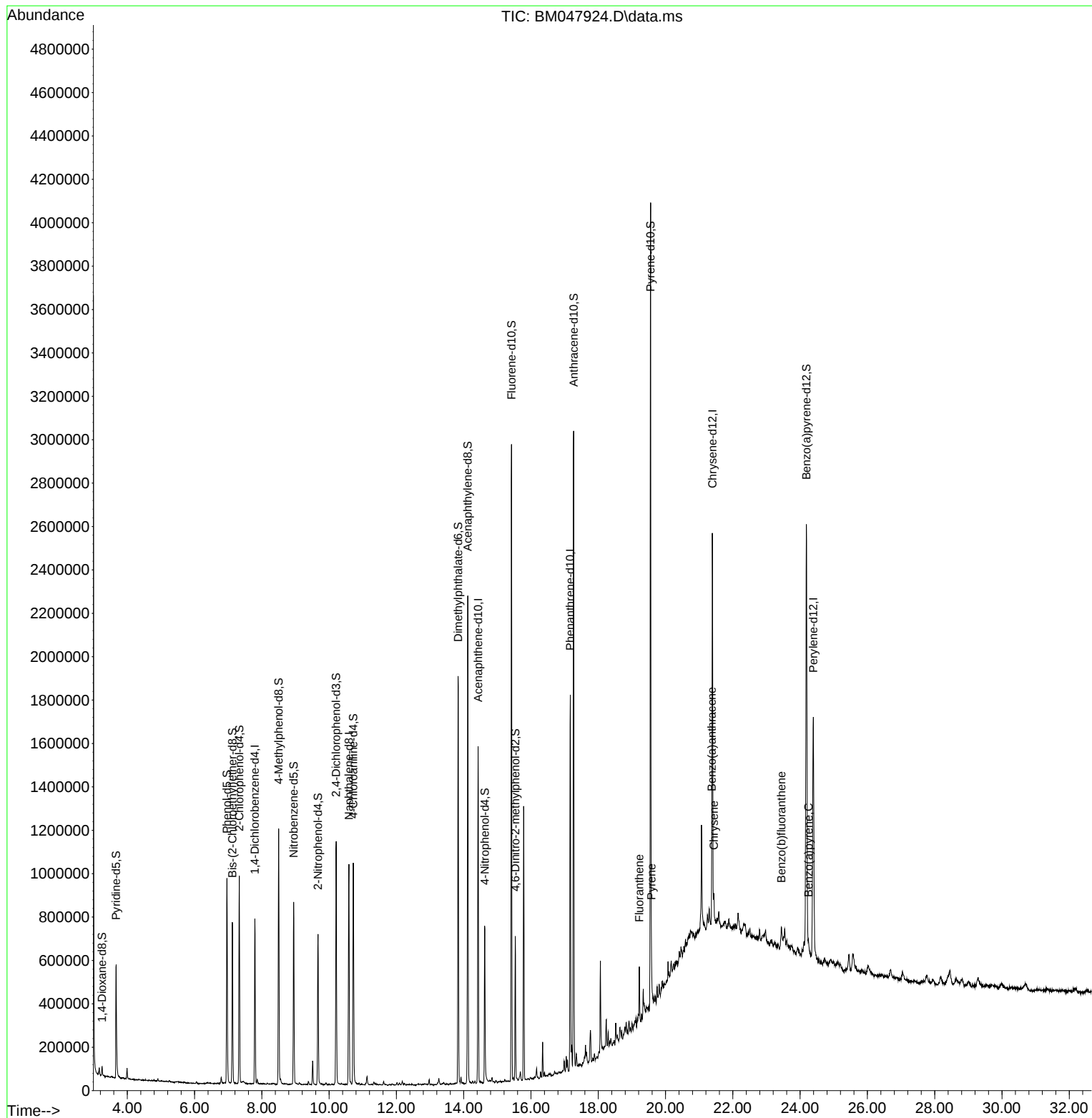
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	208229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	857877	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	529252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1048388	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	933177	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1037286	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22079	3.427	ng/uL	0.00
4) Pyridine-d5	3.669	84	305265	16.180	ng/u1	0.00
7) Phenol-d5	6.963	99	539392	27.394	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	323010	23.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	444882	31.055	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	443700	30.308	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	212868	31.165	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	234513	35.827	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	437426	33.453	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	582461	28.813	ng/u1	-0.01
46) Dimethylphthalate-d6	13.839	166	1284489	33.475	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1500148	32.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	189961	24.865	ng/u1	0.00
60) Fluorene-d10	15.421	176	1135277	34.158	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	127123	20.721	ng/u1	0.00
73) Anthracene-d10	17.268	188	1729327	33.546	ng/u1	0.00
81) Pyrene-d10	19.556	212	1992221	37.616	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1951031	36.252	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.221	202	142526	2.285	ng/u1	98
82) Pyrene	19.580	202	146225	2.106	ng/u1	97
85) Benzo(a)anthracene	21.374	228	73064	1.118	ng/u1#	93
87) Chrysene	21.439	228	78911	1.239	ng/u1#	90
90) Benzo(b)fluoranthene	23.444	252	96989	1.499	ng/u1#	85
93) Benzo(a)pyrene	24.250	252	64561	1.051	ng/u1#	92

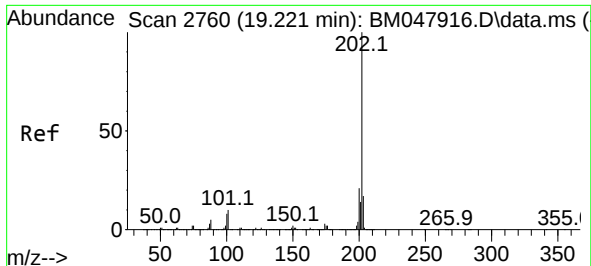
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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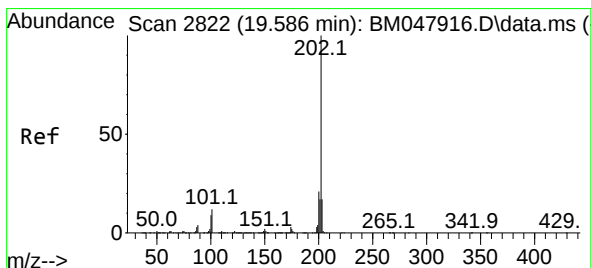
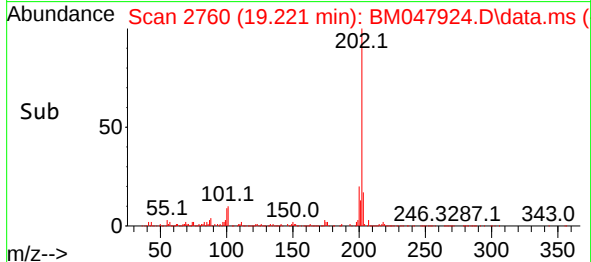
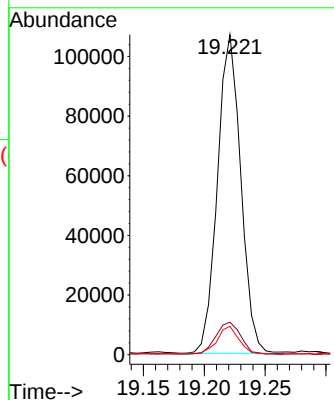
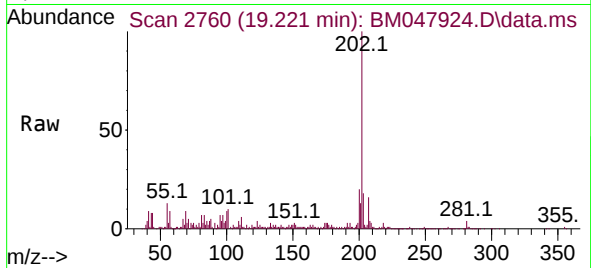




#80
Fluoranthene
Concen: 2.285 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047924.D
Acq: 08 Oct 2024 22:22

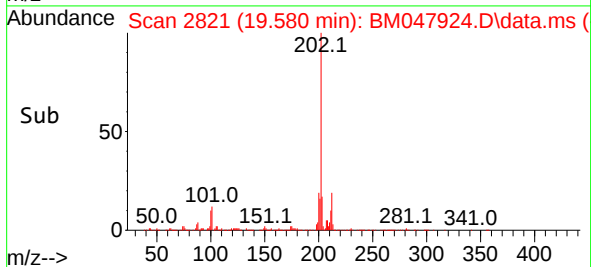
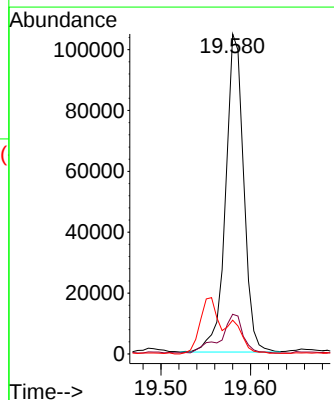
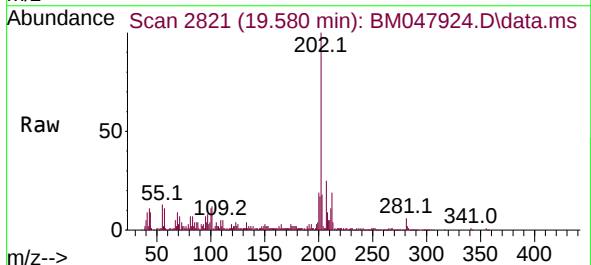
Instrument :
BNA_M
ClientSampleId :
A4EM5

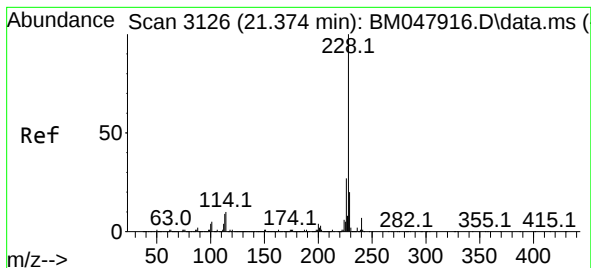
Tgt Ion:202 Resp: 142526
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.4
100 8.9 6.8 10.2



#82
Pyrene
Concen: 2.106 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM047924.D
Acq: 08 Oct 2024 22:22

Tgt Ion:202 Resp: 146225
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 10.5 9.4 14.2





#85

Benzo(a)anthracene

Concen: 1.118 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047924.D

Acq: 08 Oct 2024 22:22

Instrument :

BNA_M

ClientSampleId :

A4EM5

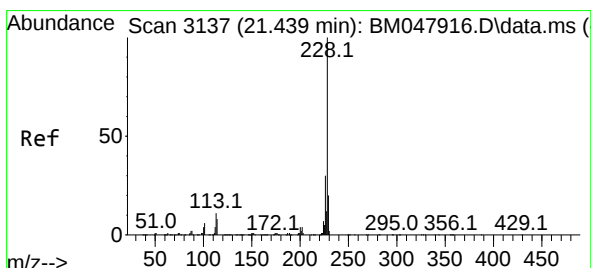
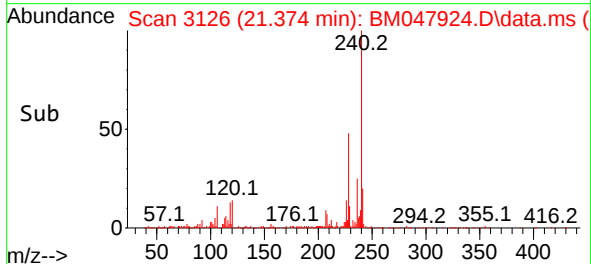
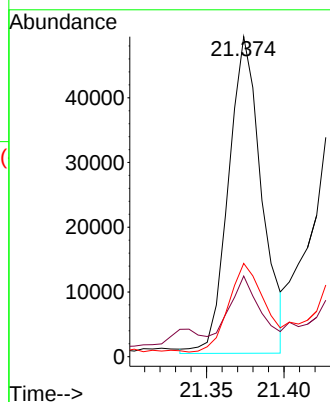
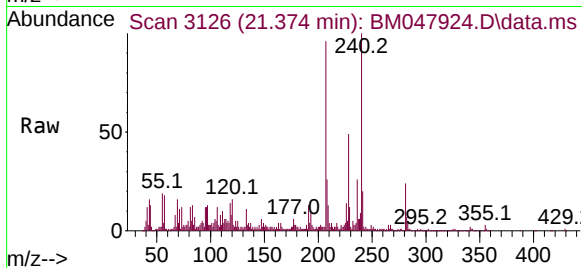
Tgt Ion:228 Resp: 73064

Ion Ratio Lower Upper

228 100

229 25.2 15.6 23.4#

226 29.2 21.9 32.9



#87

Chrysene

Concen: 1.239 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047924.D

Acq: 08 Oct 2024 22:22

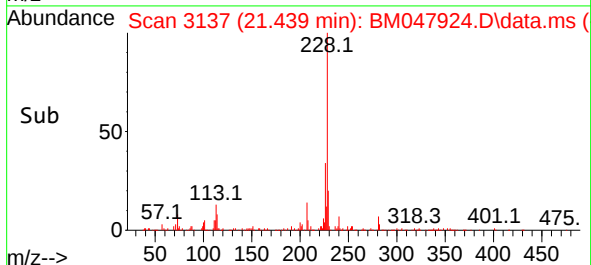
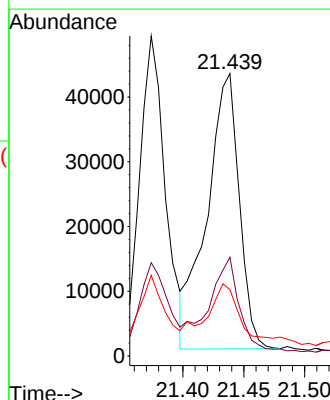
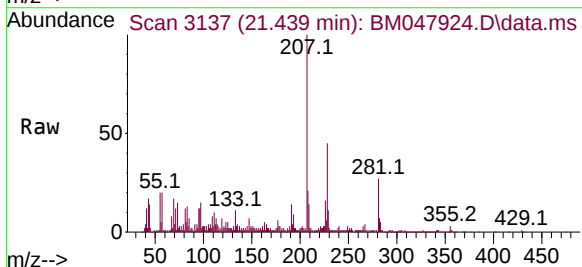
Tgt Ion:228 Resp: 78911

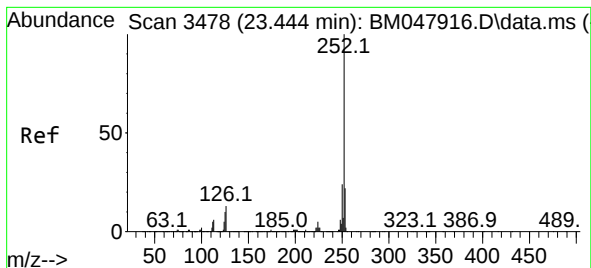
Ion Ratio Lower Upper

228 100

226 34.9 23.6 35.4

229 23.5 15.3 22.9#





#90

Benzo(b)fluoranthene

Concen: 1.499 ng/u1

RT: 23.444 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047924.D

Acq: 08 Oct 2024 22:22

Instrument :

BNA_M

ClientSampleId :

A4EM5

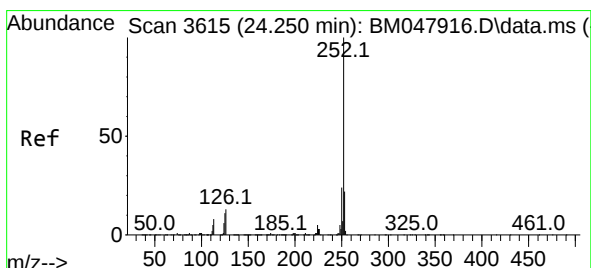
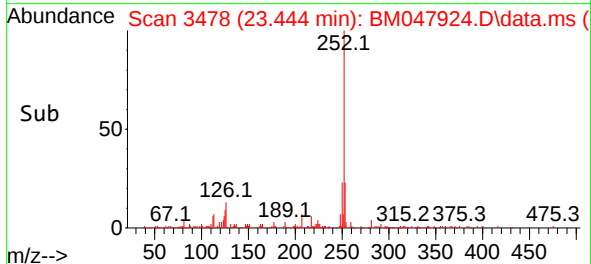
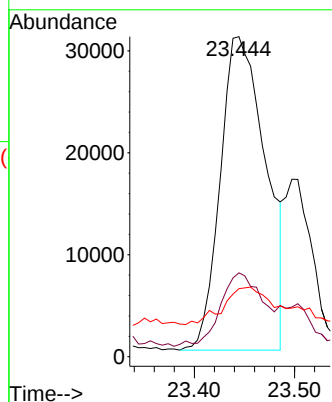
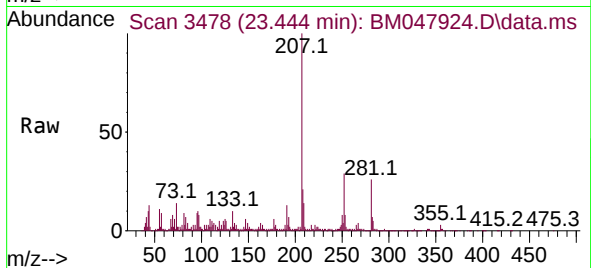
Tgt Ion:252 Resp: 96989

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 21.3 9.0 13.4#



#93

Benzo(a)pyrene

Concen: 1.051 ng/u1

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047924.D

Acq: 08 Oct 2024 22:22

Tgt Ion:252 Resp: 64561

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 19.0 10.1 15.1#

