

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020666.D
 Acq On : 27 Jun 2024 18:03
 Operator : MA/JU
 Sample : P2909-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B85

Quant Time: Jun 27 23:18:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

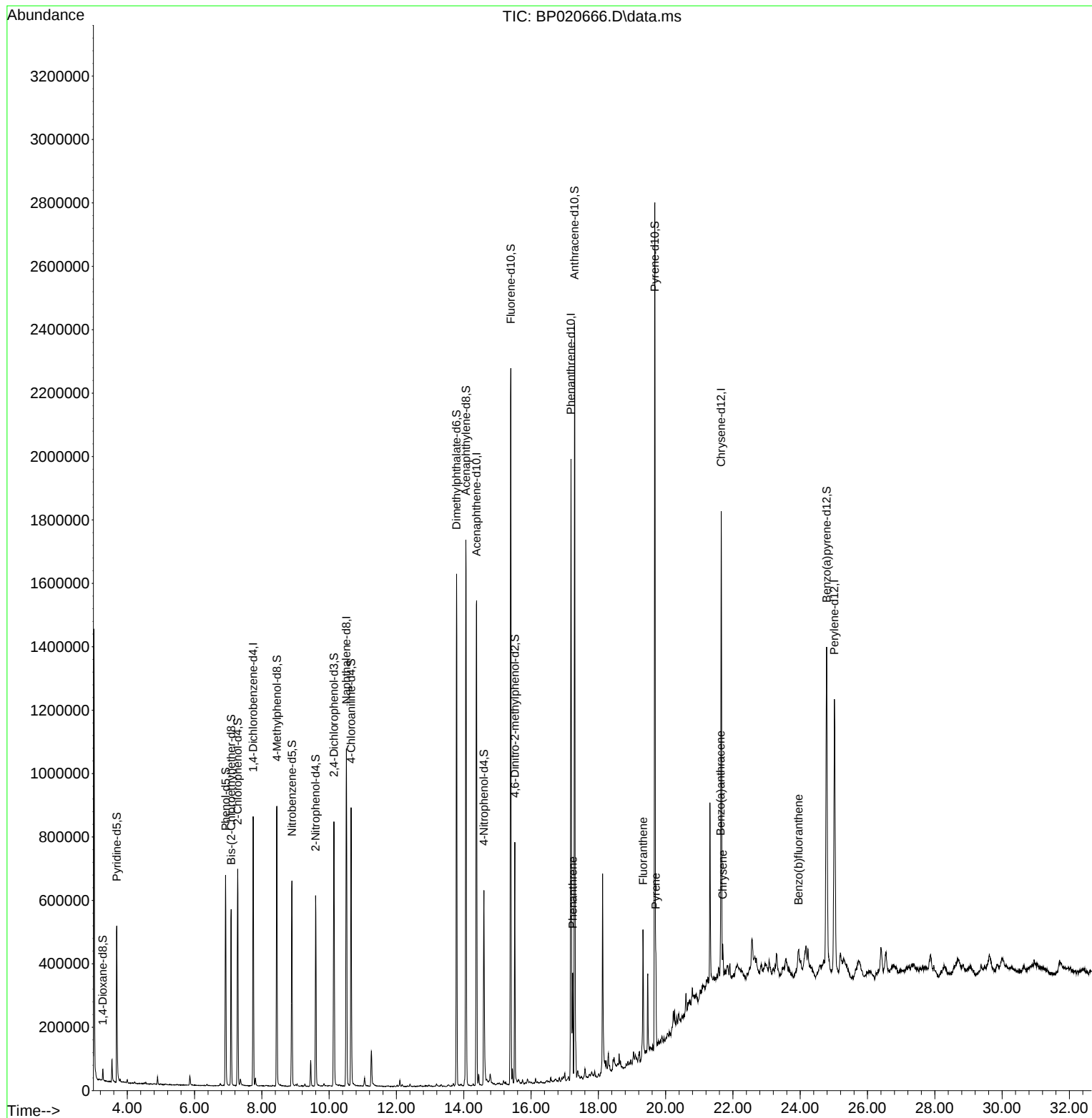
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	226294	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	946091	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.381	164	617573	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	1296877	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	833839	20.000	ng/u1	0.01
88) Perylene-d12	25.015	264	861173	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	17113	3.247	ng/uL	0.00
4) Pyridine-d5	3.687	84	256809	16.721	ng/u1	0.00
7) Phenol-d5	6.922	99	378196	20.377	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	227322	19.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	316813	20.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	312973	20.762	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	155861	22.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	175173	25.060	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	323914	22.496	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	417231	20.677	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1105639	25.749	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1224697	23.903	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	150309	22.911	ng/u1	0.00
60) Fluorene-d10	15.398	176	935926	25.902	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	142915	21.867	ng/u1	0.01
73) Anthracene-d10	17.292	188	1340810	23.036	ng/u1	0.01
81) Pyrene-d10	19.675	212	1518500	30.313	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	1091195	26.049	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.239	178	228645	3.367	ng/u1	98
80) Fluoranthene	19.328	202	226417	3.700	ng/u1	98
82) Pyrene	19.710	202	181431	2.891	ng/u1	99
85) Benzo(a)anthracene	21.633	228	74745	1.279	ng/u1	96
87) Chrysene	21.698	228	68004	1.231	ng/u1	98
90) Benzo(b)fluoranthene	23.951	252	70095	1.344	ng/u1#	93

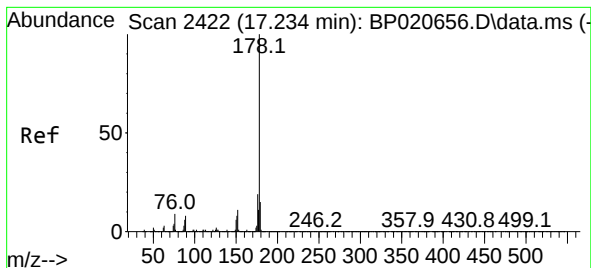
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.367 ng/ul

RT: 17.239 min Scan# 2422

Delta R.T. 0.012 min

Lab File: BP020666.D

Acq: 27 Jun 2024 18:03

Instrument :

BNA_P

ClientSampleId :

A4B85

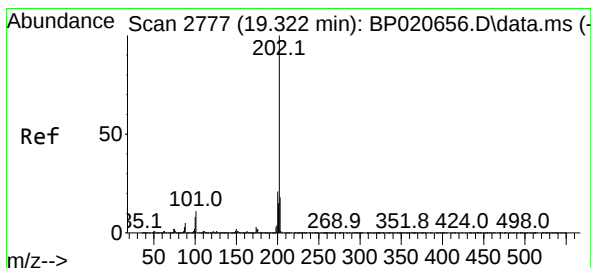
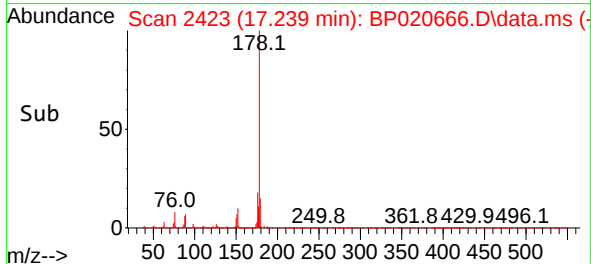
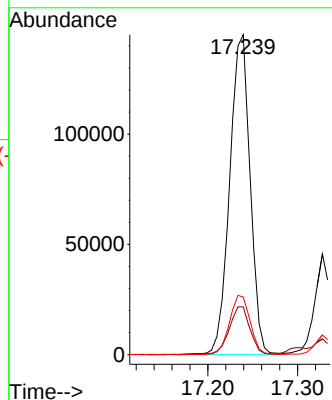
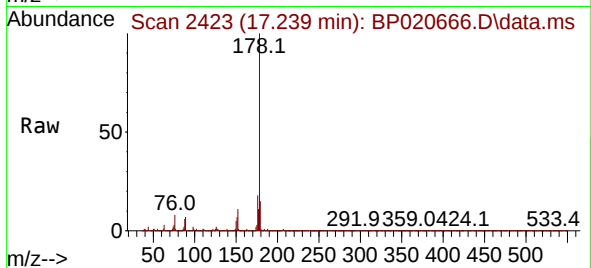
Tgt Ion:178 Resp: 228645

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 18.0 15.4 23.2



#80

Fluoranthene

Concen: 3.700 ng/ul

RT: 19.328 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BP020666.D

Acq: 27 Jun 2024 18:03

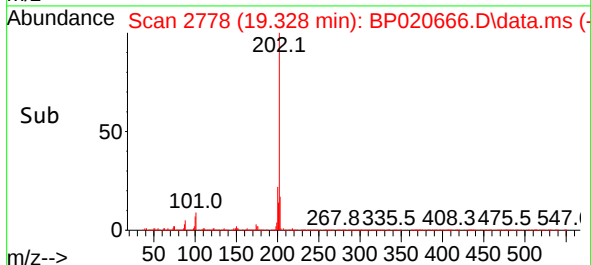
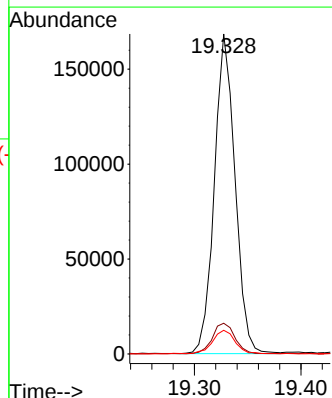
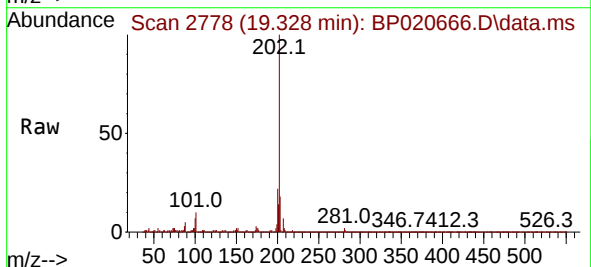
Tgt Ion:202 Resp: 226417

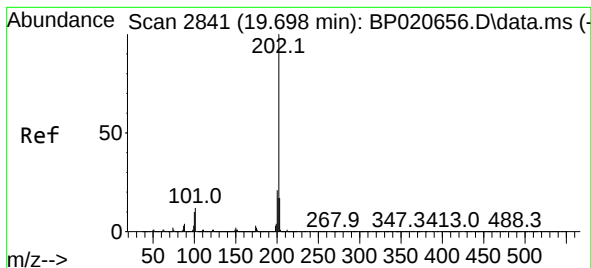
Ion Ratio Lower Upper

202 100

101 9.6 8.2 12.4

100 7.4 6.6 10.0





#82

Pyrene

Concen: 2.891 ng/ul

RT: 19.710 min Scan# 2843

Delta R.T. 0.012 min

Lab File: BP020666.D

Acq: 27 Jun 2024 18:03

Instrument :

BNA_P

ClientSampleId :

A4B85

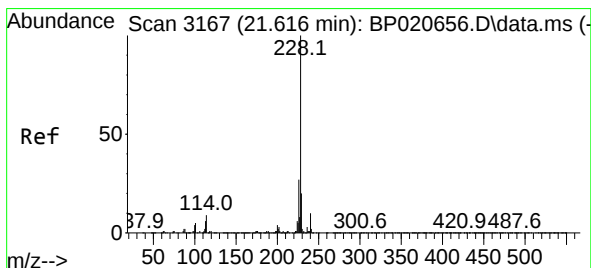
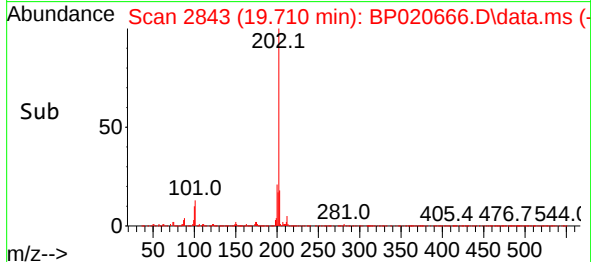
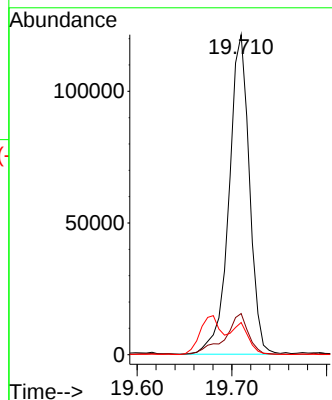
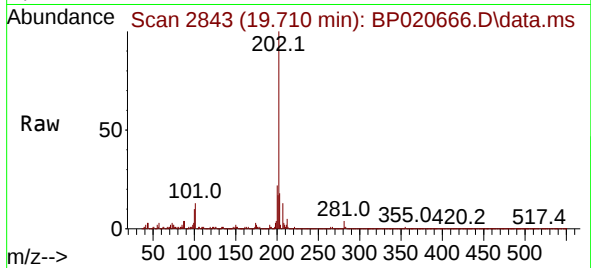
Tgt Ion:202 Resp: 181431

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

100 10.0 7.9 11.9



#85

Benzo(a)anthracene

Concen: 1.279 ng/ul

RT: 21.633 min Scan# 3170

Delta R.T. 0.012 min

Lab File: BP020666.D

Acq: 27 Jun 2024 18:03

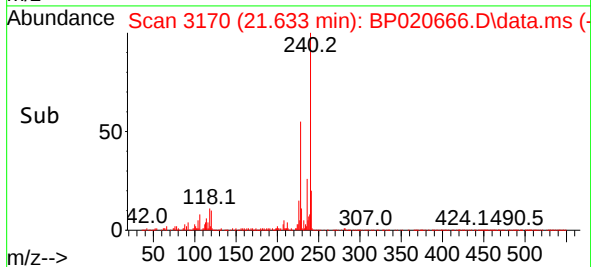
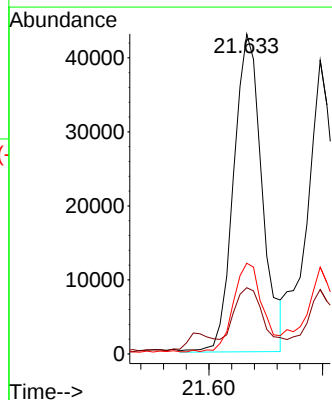
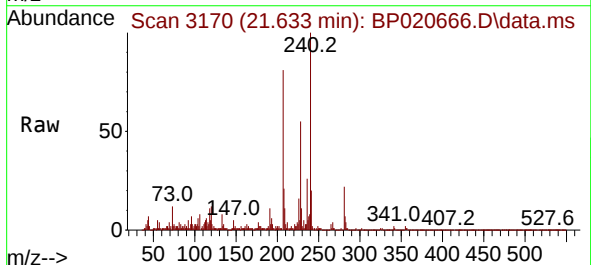
Tgt Ion:228 Resp: 74745

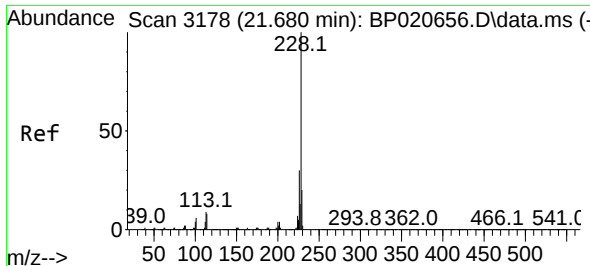
Ion Ratio Lower Upper

228 100

229 20.7 15.2 22.8

226 28.4 21.1 31.7

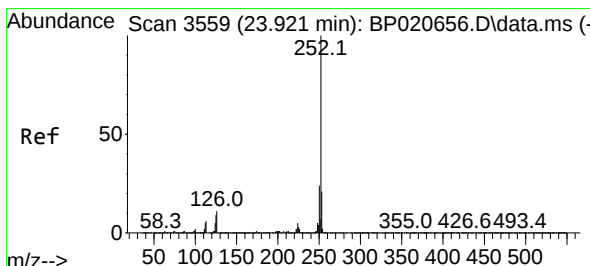
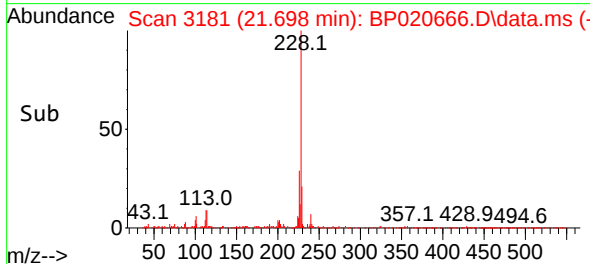
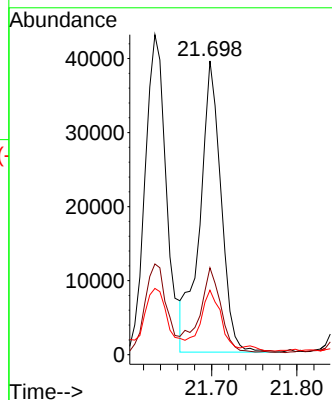
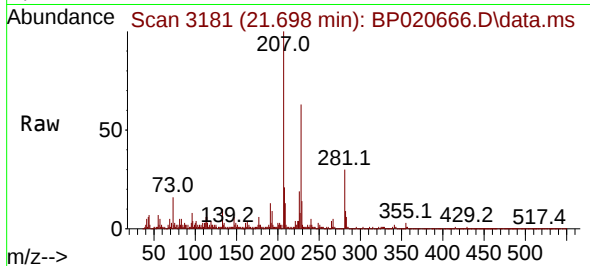




#87
Chrysene
Concen: 1.231 ng/ul
RT: 21.698 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BP020666.D
Acq: 27 Jun 2024 18:03

Instrument :
BNA_P
ClientSampleId :
A4B85

Tgt Ion:228	Resp: 68004
Ion Ratio	Lower Upper
228 100	
226 29.6	23.8 35.6
229 21.9	16.1 24.1



#90
Benzo(b)fluoranthene
Concen: 1.344 ng/ul
RT: 23.951 min Scan# 3564
Delta R.T. 0.012 min
Lab File: BP020666.D
Acq: 27 Jun 2024 18:03

Tgt Ion:252	Resp: 70095
Ion Ratio	Lower Upper
252 100	
253 24.1	17.5 26.3
125 14.5	7.9 11.9

