

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032193.D
 Acq On : 23 Jun 2024 09:00
 Operator : MA/JU
 Sample : P2776-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C71

Quant Time: Jun 24 01:42:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

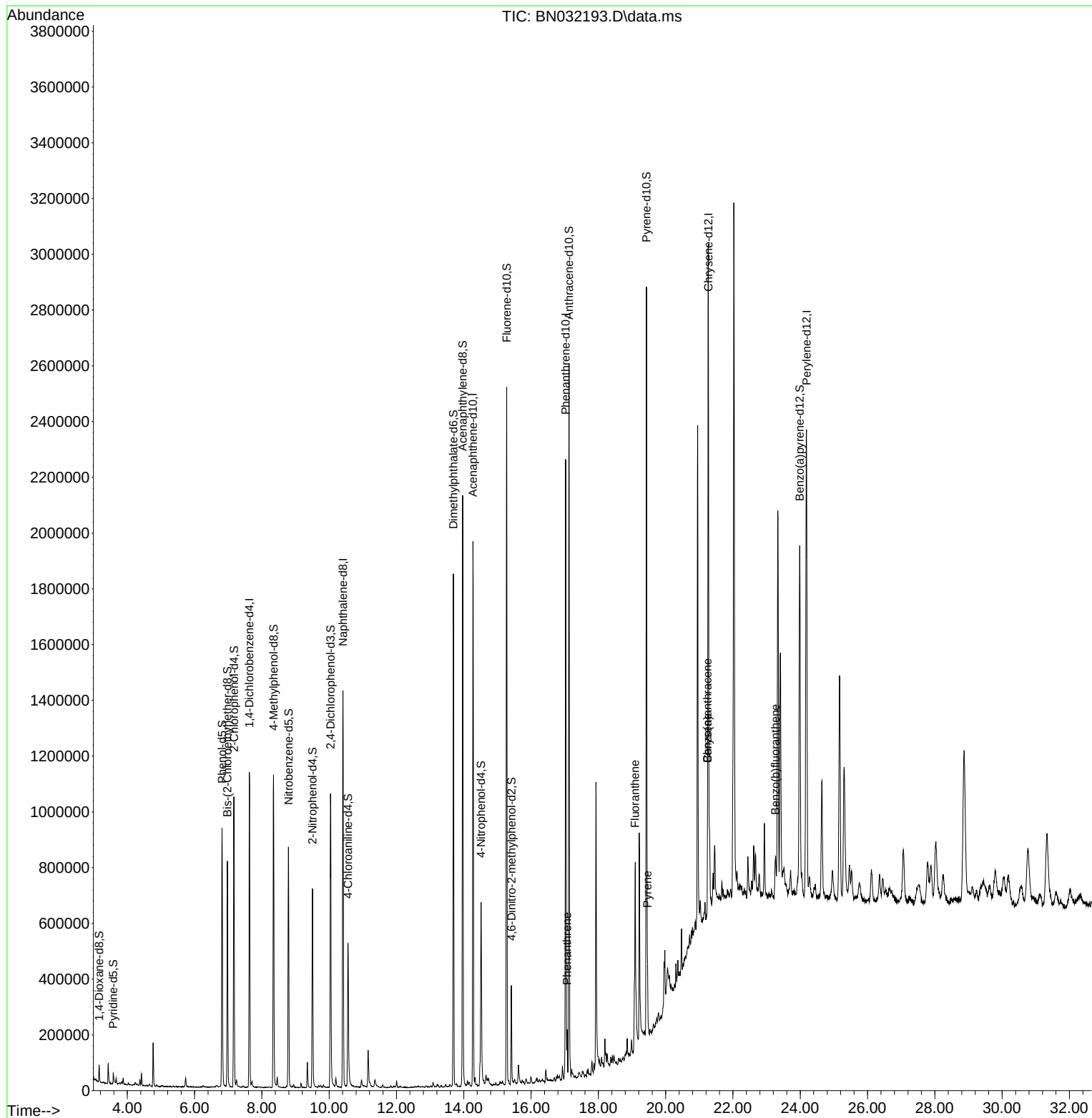
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	332385	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1239538	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.275	164	703242	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1360262	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1248956	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1473579	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	31745	3.951	ng/uL	0.00
4) Pyridine-d5	3.581	84	23105	1.022	ng/u1	0.01
7) Phenol-d5	6.816	99	588385	20.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	326388	19.583	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	536096	24.657	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	472410	20.338	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	250413	26.422	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	271516	27.734	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	445452	24.372	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	360812	13.296	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1215837	24.817	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1445712	25.663	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	196009	19.982	ng/u1	0.01
60) Fluorene-d10	15.275	176	1028381	24.808	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	80021	11.704	ng/u1	0.00
73) Anthracene-d10	17.128	188	1480399	25.421	ng/u1	0.00
81) Pyrene-d10	19.427	212	1475740	22.081	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1146314	16.291	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.069	178	94062	1.357	ng/u1	99
80) Fluoranthene	19.092	202	216706	2.713	ng/u1	100
82) Pyrene	19.457	202	157294	1.919	ng/u1	96
85) Benzo(a)anthracene	21.245	228	114869	1.374	ng/u1	96
87) Chrysene	21.245	228	114283	1.464	ng/u1	95
90) Benzo(b)fluoranthene	23.263	252	161161	1.830	ng/u1#	94

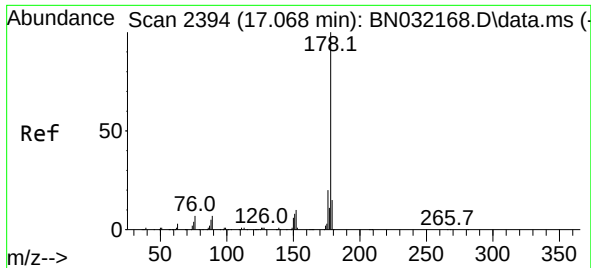
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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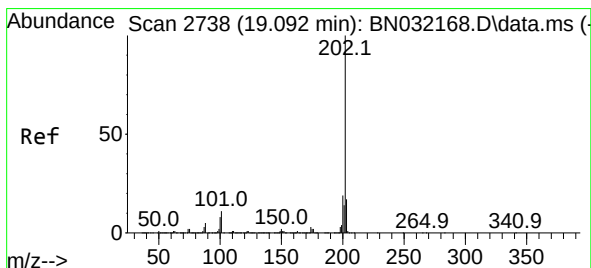
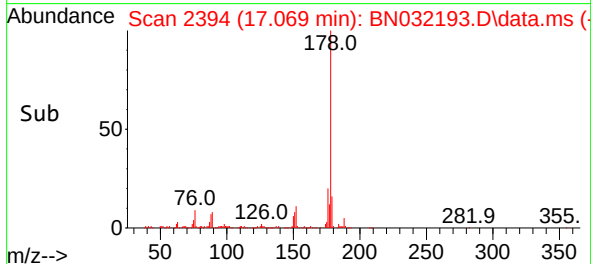
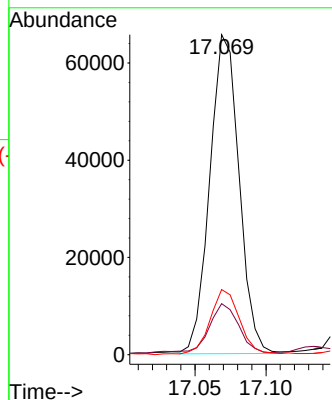
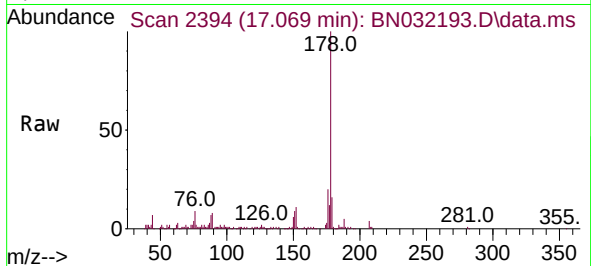




#72
Phenanthrene
Concen: 1.357 ng/ul
RT: 17.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032193.D
Acq: 23 Jun 2024 09:00

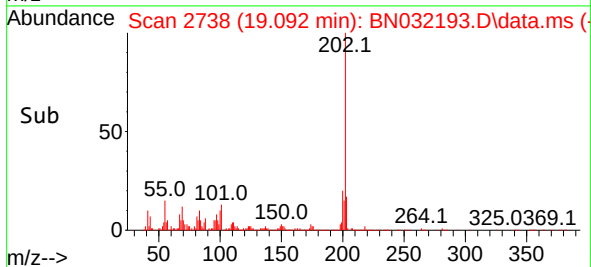
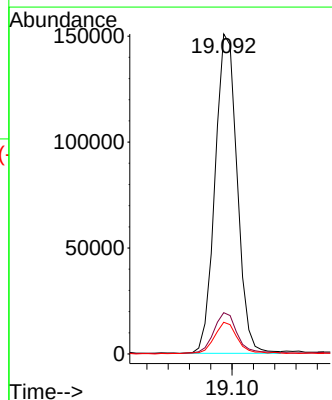
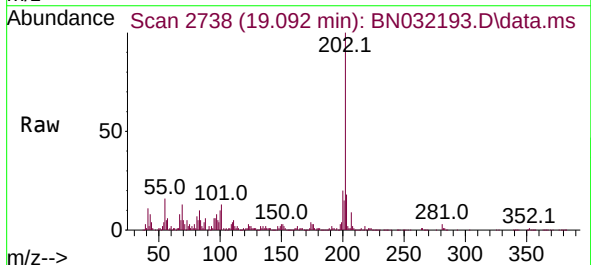
Instrument :
BNA_N
ClientSampleId :
A4C71

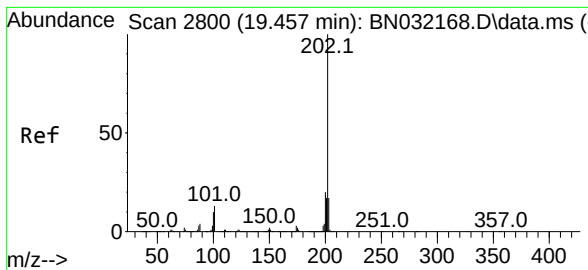
Tgt Ion:178 Resp: 94062
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.4 15.8 23.6



#80
Fluoranthene
Concen: 2.713 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN032193.D
Acq: 23 Jun 2024 09:00

Tgt Ion:202 Resp: 216706
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.9 8.0 12.0





#82

Pyrene

Concen: 1.919 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032193.D

Acq: 23 Jun 2024 09:00

Instrument :

BNA_N

ClientSampleId :

A4C71

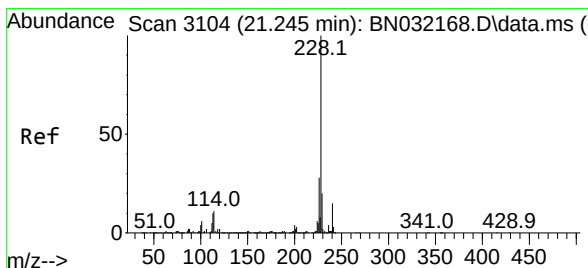
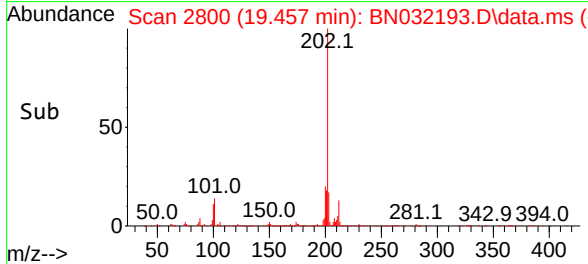
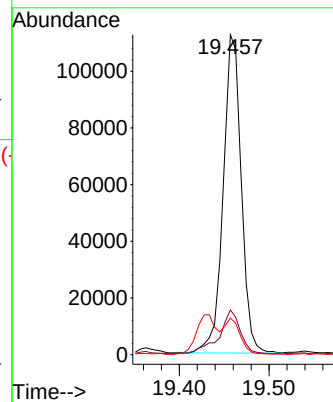
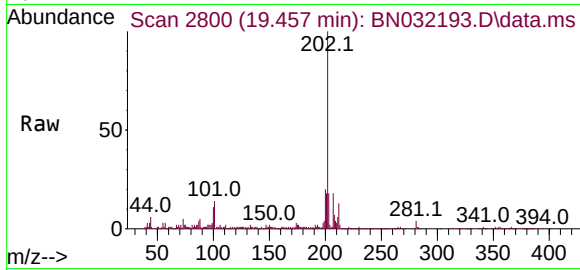
Tgt Ion:202 Resp: 157294

Ion Ratio Lower Upper

202 100

101 14.0 12.6 18.8

100 11.5 10.2 15.2



#85

Benzo(a)anthracene

Concen: 1.374 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BN032193.D

Acq: 23 Jun 2024 09:00

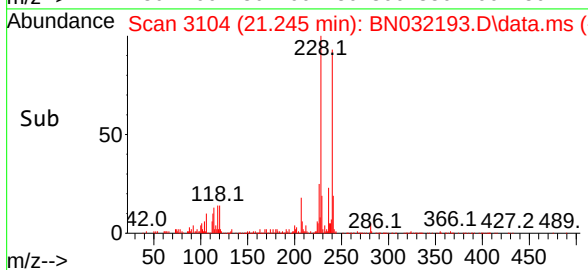
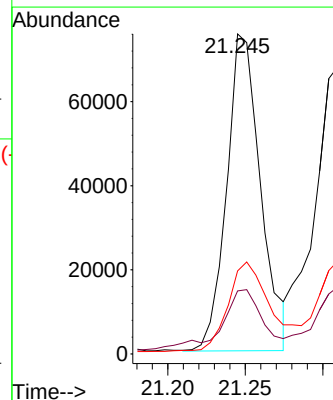
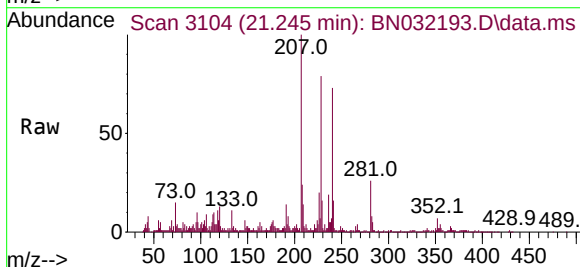
Tgt Ion:228 Resp: 114869

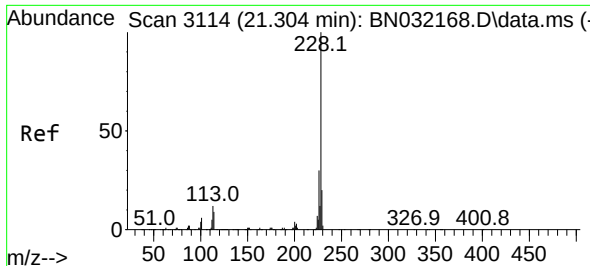
Ion Ratio Lower Upper

228 100

229 19.7 16.7 25.1

226 26.0 22.8 34.2

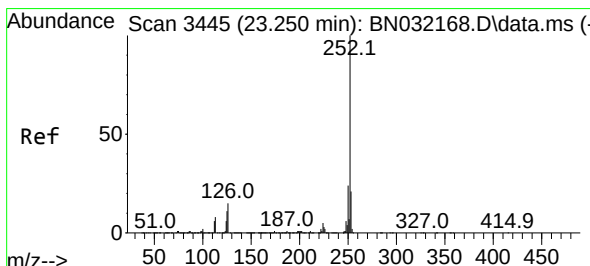
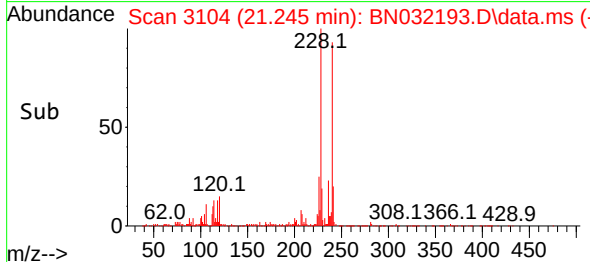
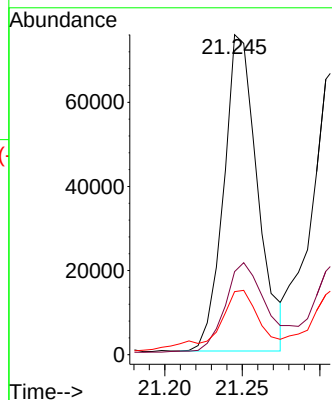
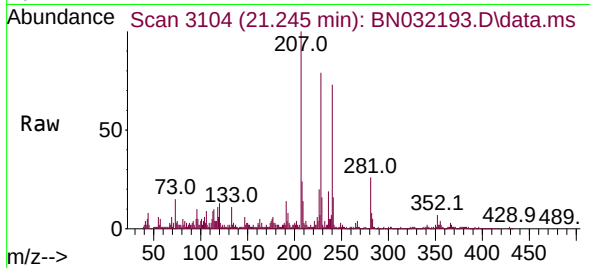




#87
Chrysene
Concen: 1.464 ng/ul
RT: 21.245 min Scan# 3114
Delta R.T. -0.065 min
Lab File: BN032193.D
Acq: 23 Jun 2024 09:00

Instrument :
BNA_N
ClientSampleId :
A4C71

Tgt Ion:228 Resp: 114283
Ion Ratio Lower Upper
228 100
226 26.0 23.7 35.5
229 19.7 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 1.830 ng/ul
RT: 23.263 min Scan# 3447
Delta R.T. 0.000 min
Lab File: BN032193.D
Acq: 23 Jun 2024 09:00

Tgt Ion:252 Resp: 161161
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 14.5 9.2 13.8#

