

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032191.D
 Acq On : 23 Jun 2024 07:41
 Operator : MA/JU
 Sample : P2776-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B95

Quant Time: Jun 23 08:19:32 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

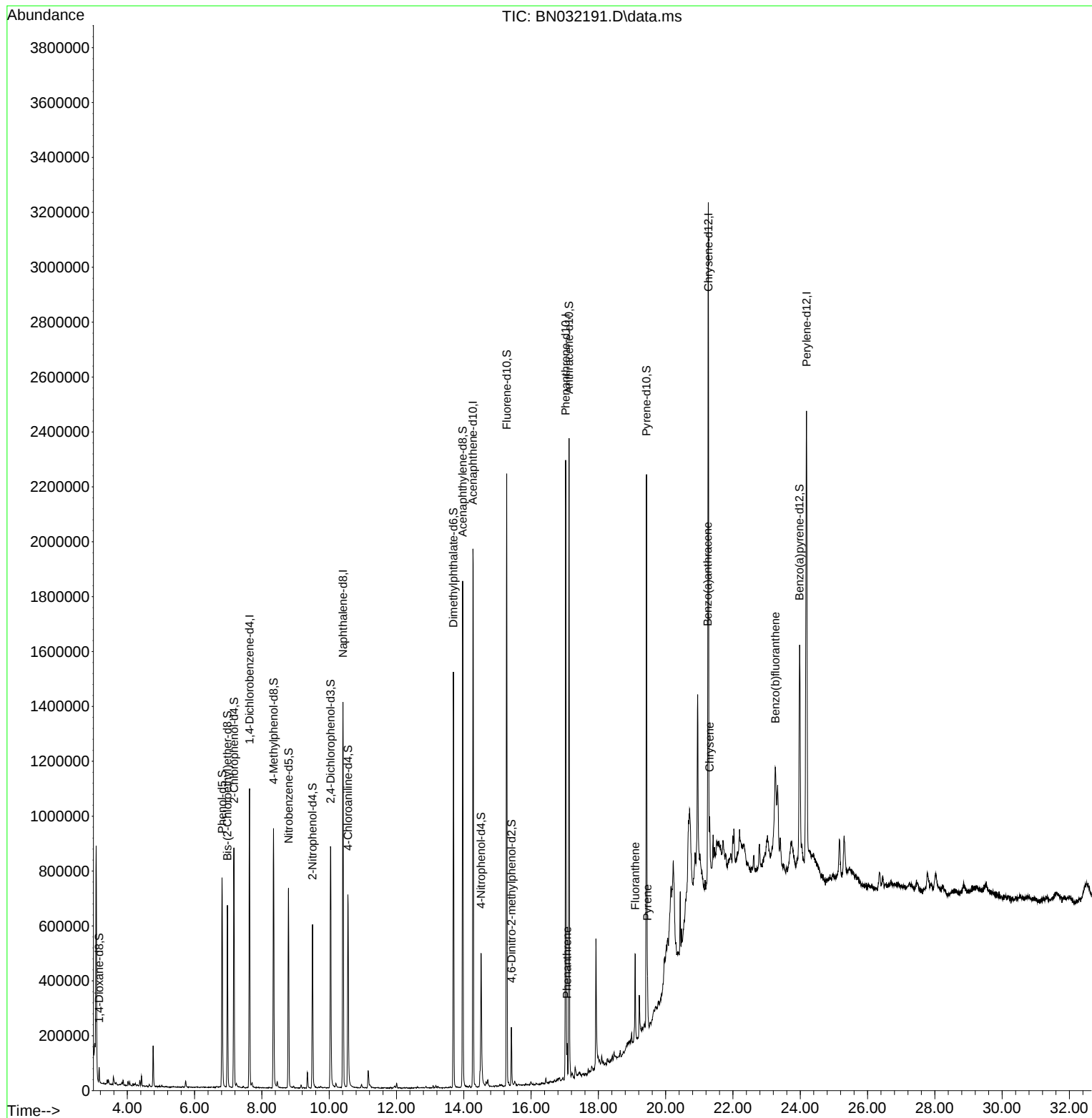
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	324909	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1219872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	709427	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1368165	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1246678	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1508372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	28781	3.665	ng/uL	0.00
4) Pyridine-d5	3.587	84	19142	0.866	ng/u1	0.02
7) Phenol-d5	6.816	99	496820	17.837	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	273210	16.769	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	447370	21.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	389604	17.159	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	208659	22.371	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	222480	23.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	369079	20.519	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	441539	16.533	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1045461	21.153	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1221654	21.497	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	157748	15.941	ng/u1	0.01
60) Fluorene-d10	15.275	176	887909	21.233	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	47165	6.858	ng/u1	0.00
73) Anthracene-d10	17.128	188	1326329	22.643	ng/u1	0.00
81) Pyrene-d10	19.427	212	1135809	17.025	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	744897	10.342	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.069	178	75026	1.076	ng/u1	100
80) Fluoranthene	19.098	202	187030	2.346	ng/u1	97
82) Pyrene	19.457	202	116716	1.427	ng/u1	96
85) Benzo(a)anthracene	21.251	228	98130	1.176	ng/u1	98
87) Chrysene	21.310	228	103925	1.333	ng/u1	98
90) Benzo(b)fluoranthene	23.262	252	142064	1.576	ng/u1#	89

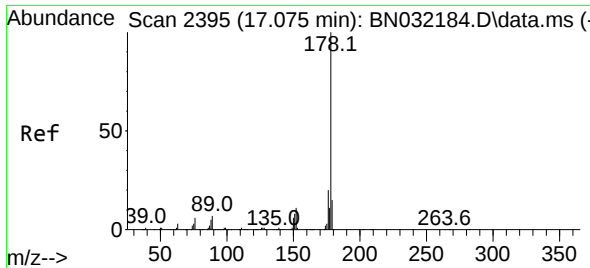
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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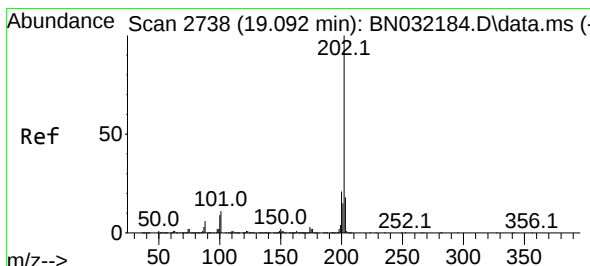
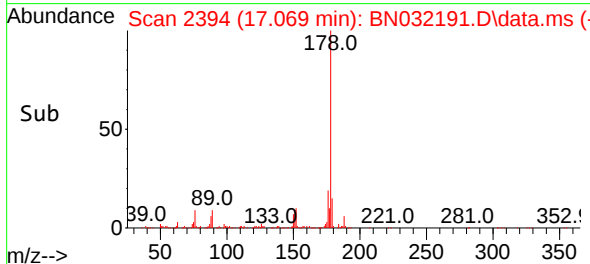
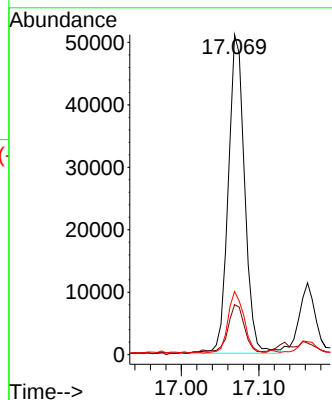
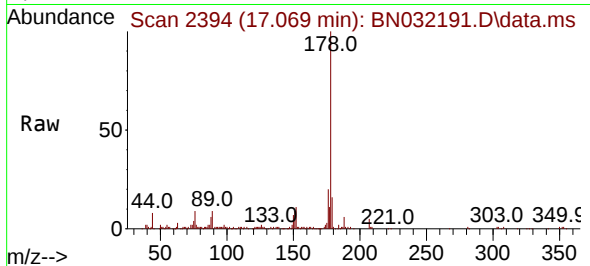




#72
Phenanthrene
Concen: 1.076 ng/ul
RT: 17.069 min Scan# 217
Delta R.T. -0.006 min
Lab File: BN032191.D
Acq: 23 Jun 2024 07:41

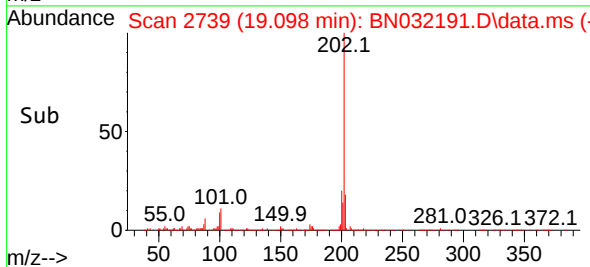
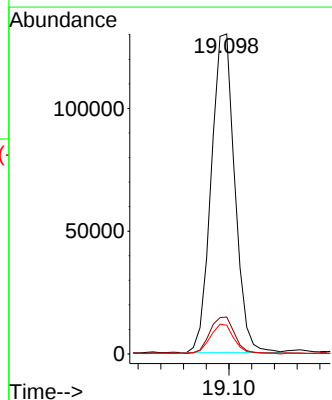
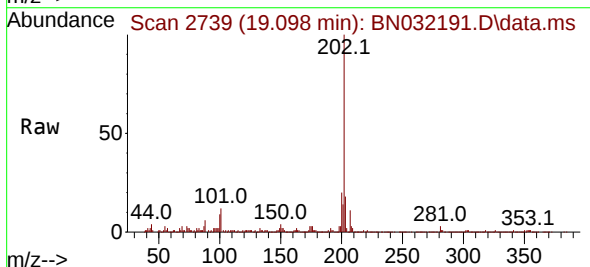
Instrument :
BNA_N
ClientSampleId :
A4B95

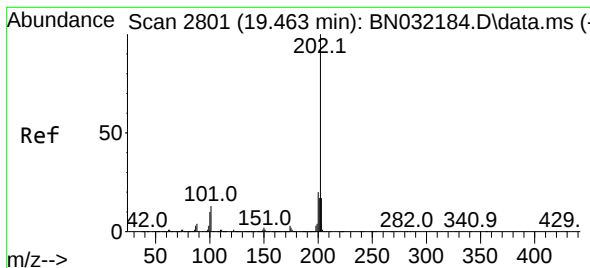
Tgt Ion:178 Resp: 75026
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.8 15.8 23.6



#80
Fluoranthene
Concen: 2.346 ng/ul
RT: 19.098 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BN032191.D
Acq: 23 Jun 2024 07:41

Tgt Ion:202 Resp: 187030
Ion Ratio Lower Upper
202 100
101 11.5 10.3 15.5
100 9.0 8.0 12.0





#82

Pyrene

Concen: 1.427 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032191.D

Acq: 23 Jun 2024 07:41

Instrument :

BNA_N

ClientSampleId :

A4B95

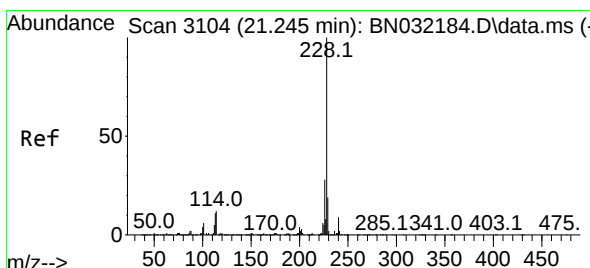
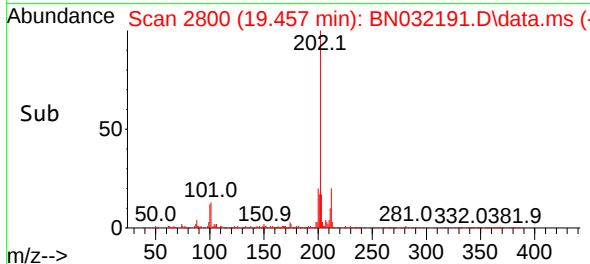
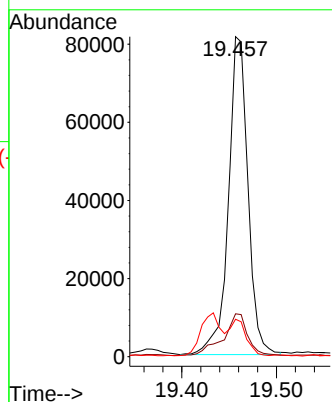
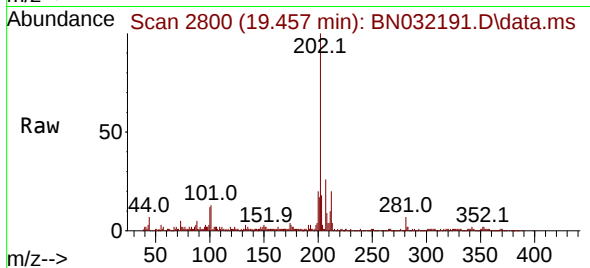
Tgt Ion:202 Resp: 116716

Ion Ratio Lower Upper

202 100

101 13.4 12.6 18.8

100 11.7 10.2 15.2



#85

Benzo(a)anthracene

Concen: 1.176 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN032191.D

Acq: 23 Jun 2024 07:41

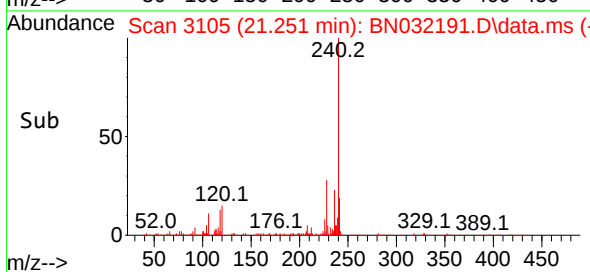
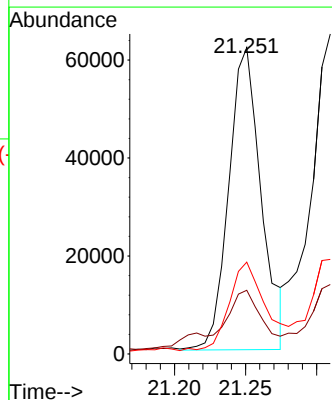
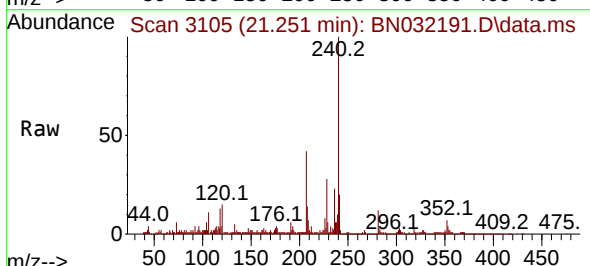
Tgt Ion:228 Resp: 98130

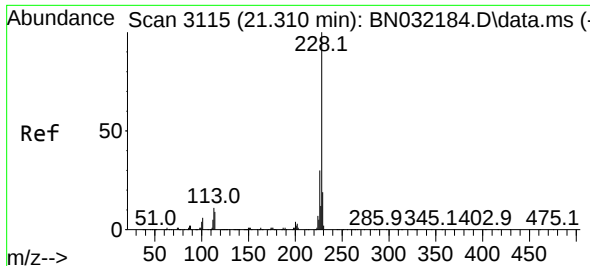
Ion Ratio Lower Upper

228 100

229 20.8 16.7 25.1

226 30.0 22.8 34.2

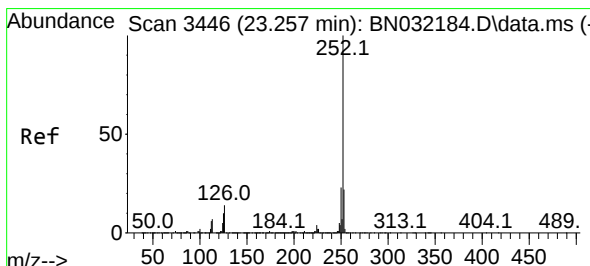
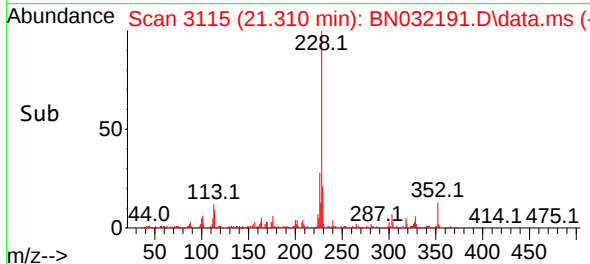
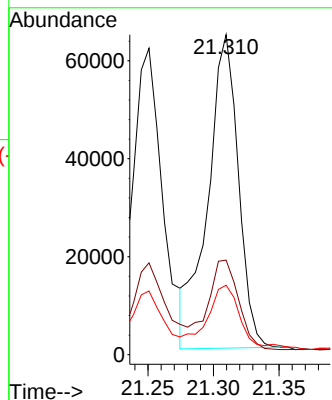
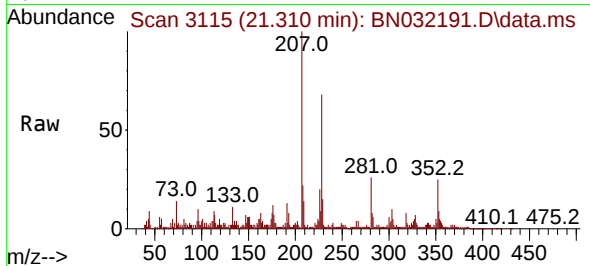




#87
Chrysene
Concen: 1.333 ng/ul
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN032191.D
Acq: 23 Jun 2024 07:41

Instrument :
BNA_N
ClientSampleId :
A4B95

Tgt Ion:228 Resp: 103925
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.7 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 1.576 ng/ul
RT: 23.262 min Scan# 3447
Delta R.T. 0.000 min
Lab File: BN032191.D
Acq: 23 Jun 2024 07:41

Tgt Ion:252 Resp: 142064
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.6
125 18.5 9.2 13.8#

