

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032195.D
 Acq On : 23 Jun 2024 10:19
 Operator : MA/JU
 Sample : P2775-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D54

Quant Time: Jun 24 01:42:29 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

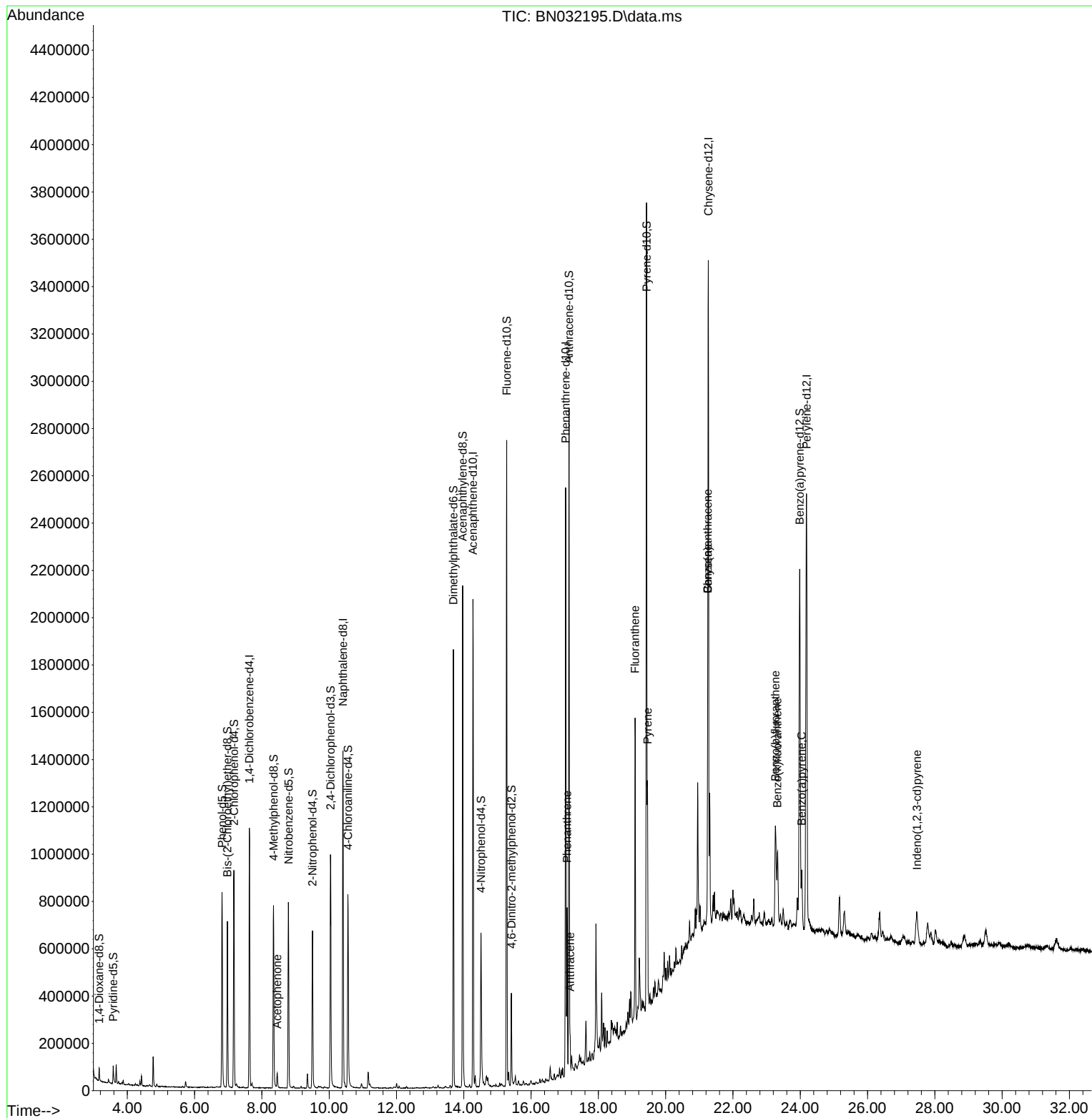
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	324907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1251022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	752800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1470750	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1414855	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1696498	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	29052	3.699	ng/uL	0.00
4) Pyridine-d5	3.581	84	34791	1.574	ng/u1	0.01
7) Phenol-d5	6.816	99	535972	19.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	286807	17.604	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	477497	22.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	326854	14.396	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	227858	23.821	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	250862	25.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	403747	21.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	513711	18.757	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1256470	23.958	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1454053	24.112	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	219235	20.878	ng/u1	0.01
60) Fluorene-d10	15.275	176	1060274	23.894	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	85848	11.613	ng/u1	0.00
73) Anthracene-d10	17.128	188	1610259	25.573	ng/u1	0.00
81) Pyrene-d10	19.433	212	1788432	23.621	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1425213	17.593	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.457	105	35102	1.020	ng/u1	97
72) Phenanthrene	17.069	178	402970	5.379	ng/u1	98
74) Anthracene	17.163	178	88895	1.171	ng/u1	99
80) Fluoranthene	19.092	202	759320	8.392	ng/u1	96
82) Pyrene	19.463	202	579001	6.237	ng/u1	94
85) Benzo(a)anthracene	21.251	228	366712	3.872	ng/u1	96
87) Chrysene	21.251	228	366712	4.146	ng/u1	97
90) Benzo(b)fluoranthene	23.263	252	481745	4.751	ng/u1	94
91) Benzo(k)fluoranthene	23.321	252	157233	1.580	ng/u1	95
93) Benzo(a)pyrene	24.045	252	220281	2.319	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.468	276	183313	1.675	ng/u1	99

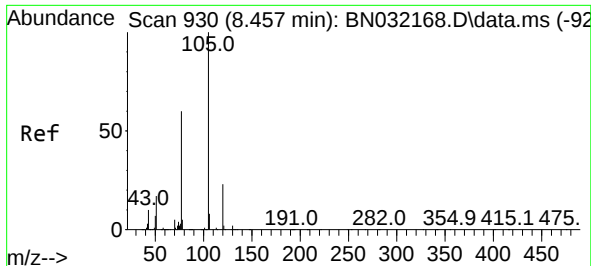
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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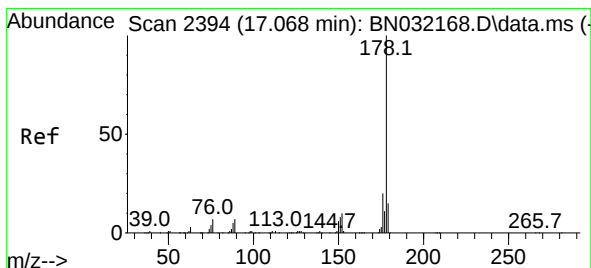
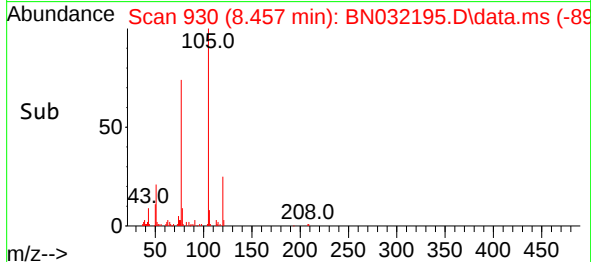
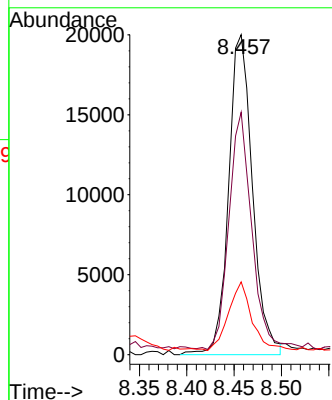
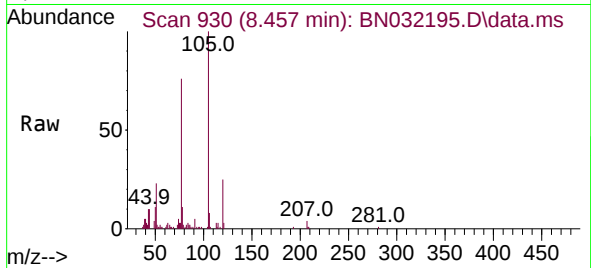




#16
Acetophenone
Concen: 1.020 ng/ul
RT: 8.457 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN032195.D
Acq: 23 Jun 2024 10:19

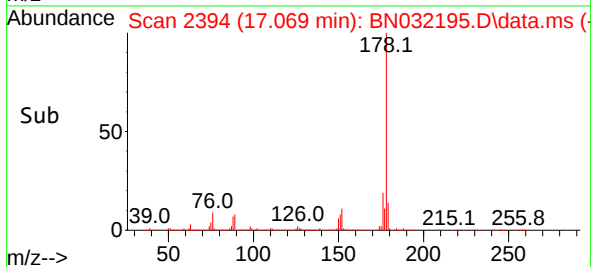
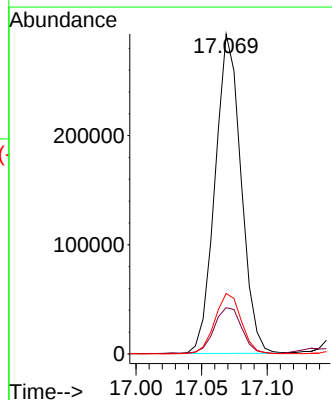
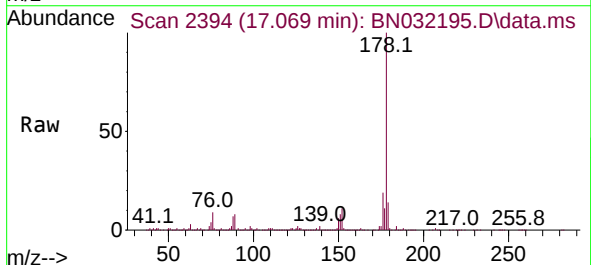
Instrument :
BNA_N
ClientSampleId :
A4D54

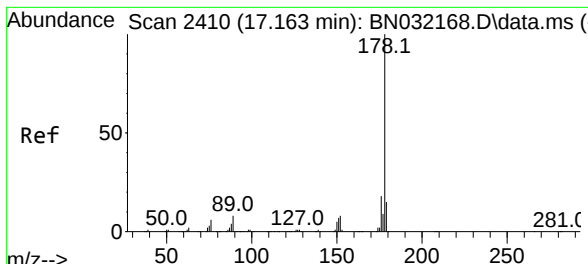
Tgt Ion:105 Resp: 35102
Ion Ratio Lower Upper
105 100
77 75.7 58.6 87.8
51 22.8 17.2 25.8



#72
Phenanthrene
Concen: 5.379 ng/ul
RT: 17.069 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN032195.D
Acq: 23 Jun 2024 10:19

Tgt Ion:178 Resp: 402970
Ion Ratio Lower Upper
178 100
179 14.4 12.6 19.0
176 18.9 15.8 23.6



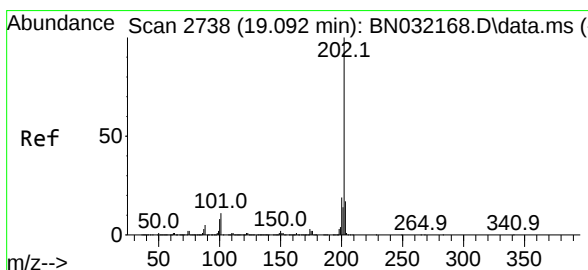
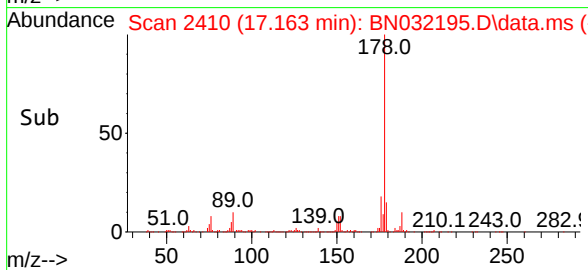
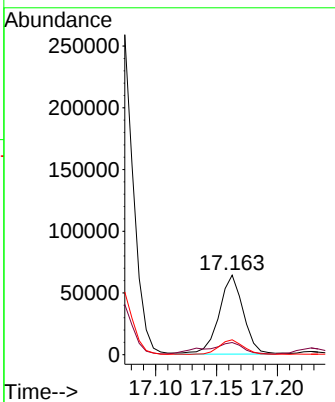
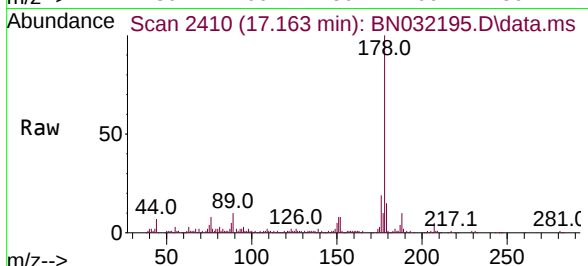


#74
 Anthracene
 Concen: 1.171 ng/ul
 RT: 17.163 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BN032195.D
 Acq: 23 Jun 2024 10:19

Instrument :
 BNA_N
 ClientSampleId :
 A4D54

Tgt Ion:178 Resp: 88895

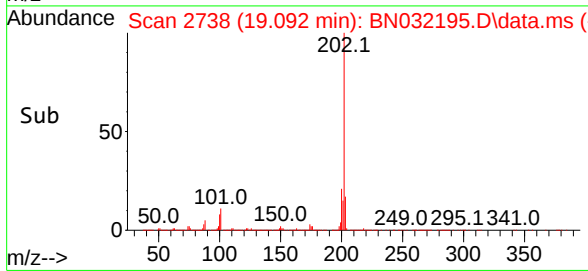
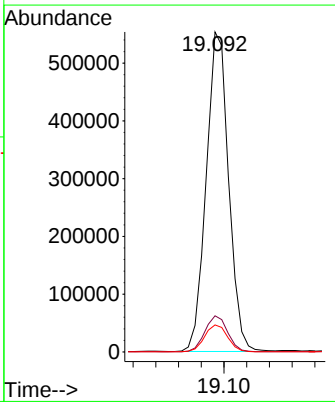
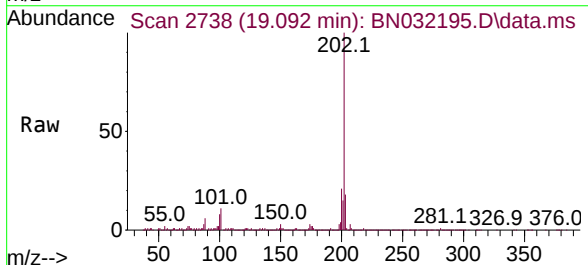
Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.6
176	18.7	14.8	22.2

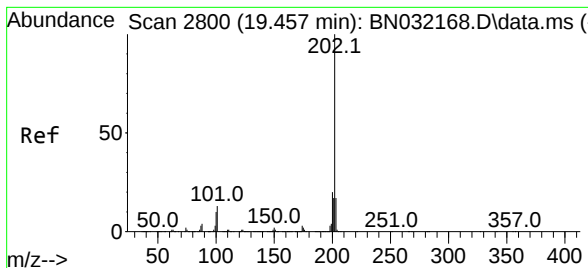


#80
 Fluoranthene
 Concen: 8.392 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN032195.D
 Acq: 23 Jun 2024 10:19

Tgt Ion:202 Resp: 759320

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.3	15.5
100	8.5	8.0	12.0





#82

Pyrene

Concen: 6.237 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032195.D

Acq: 23 Jun 2024 10:19

Instrument :

BNA_N

ClientSampleId :

A4D54

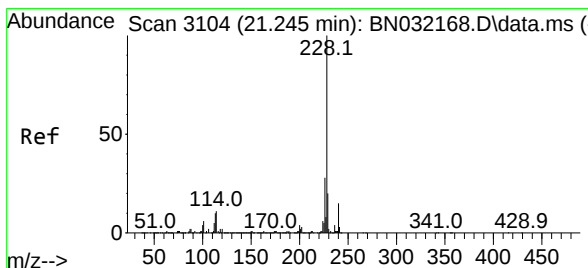
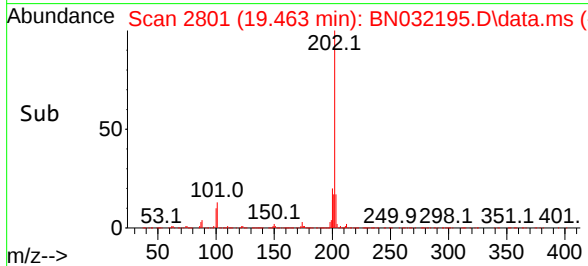
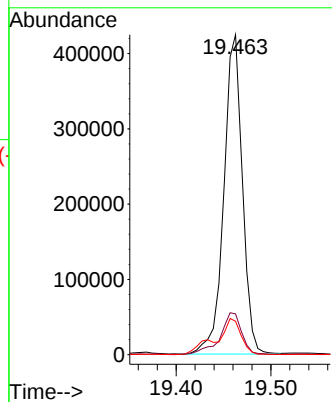
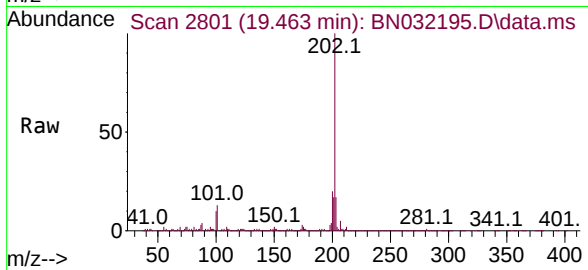
Tgt Ion:202 Resp: 579001

Ion Ratio Lower Upper

202 100

101 12.7 12.6 18.8

100 10.4 10.2 15.2



#85

Benzo(a)anthracene

Concen: 3.872 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN032195.D

Acq: 23 Jun 2024 10:19

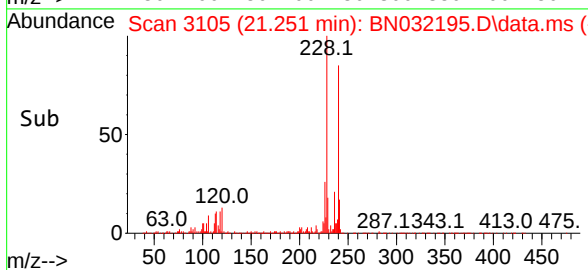
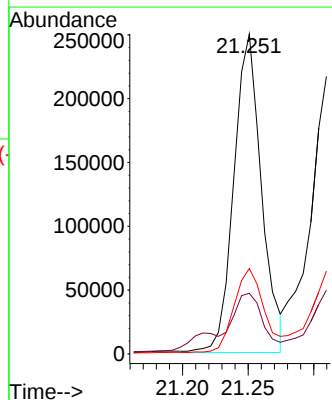
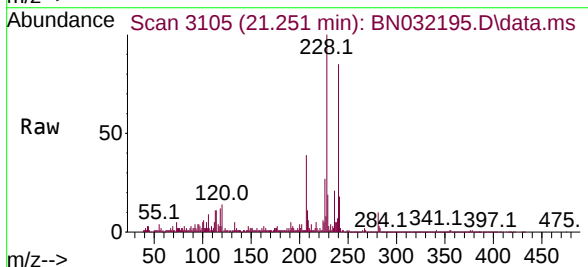
Tgt Ion:228 Resp: 366712

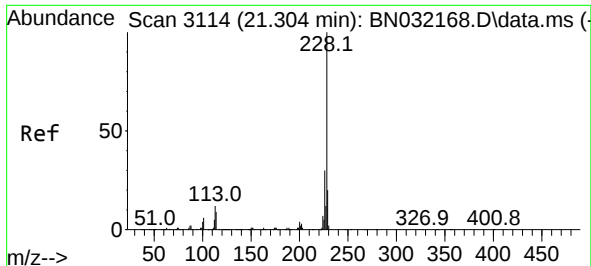
Ion Ratio Lower Upper

228 100

229 18.9 16.7 25.1

226 26.7 22.8 34.2





#87

Chrysene

Concen: 4.146 ng/ul

RT: 21.251 min Scan# 3114

Delta R.T. -0.059 min

Lab File: BN032195.D

Acq: 23 Jun 2024 10:19

Instrument :

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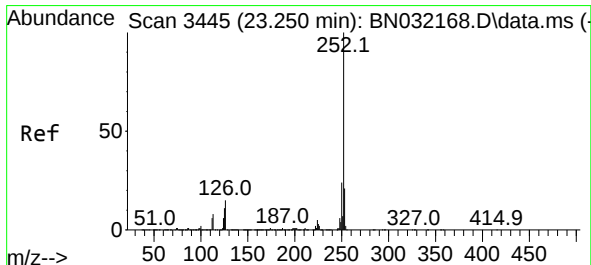
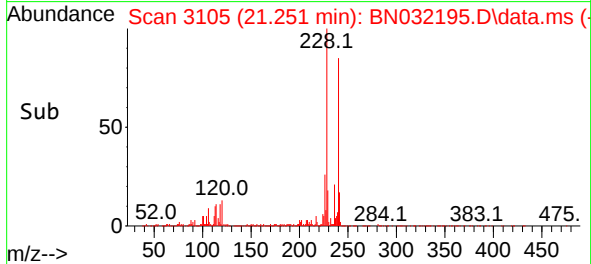
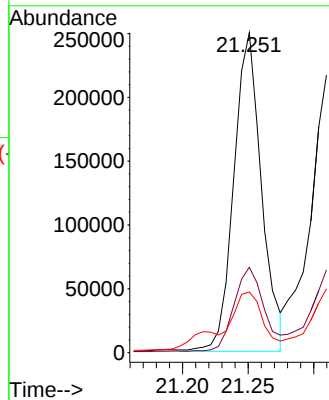
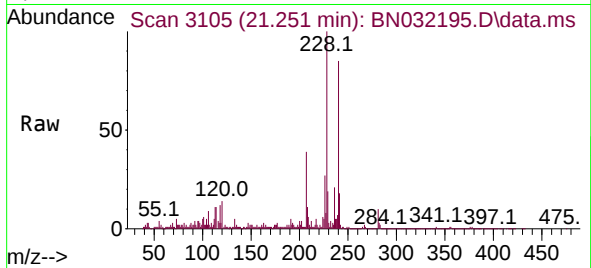
Tgt Ion:228 Resp: 366712

Ion Ratio Lower Upper

228 100

226 26.7 23.7 35.5

229 18.9 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 4.751 ng/ul

RT: 23.263 min Scan# 3447

Delta R.T. 0.000 min

Lab File: BN032195.D

Acq: 23 Jun 2024 10:19

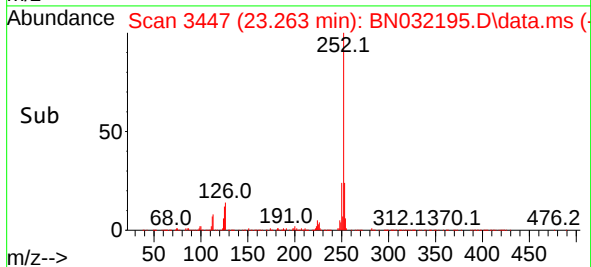
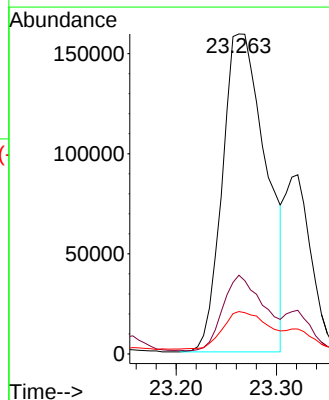
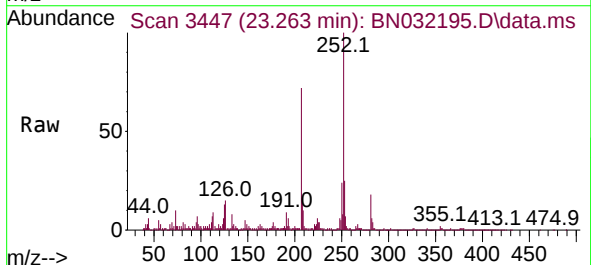
Tgt Ion:252 Resp: 481745

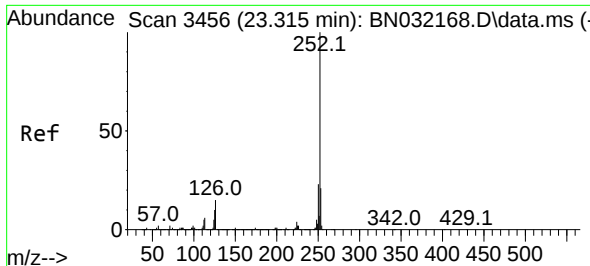
Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.6

125 13.3 9.2 13.8

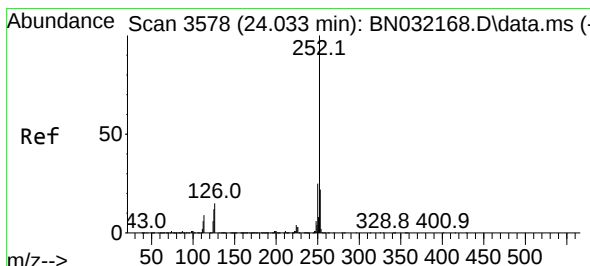
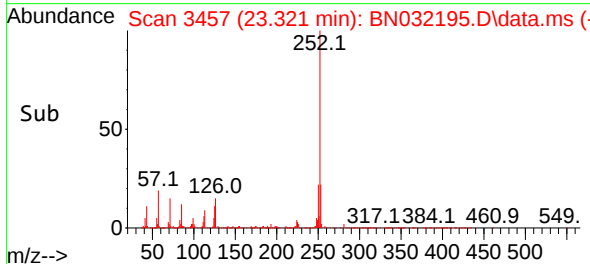
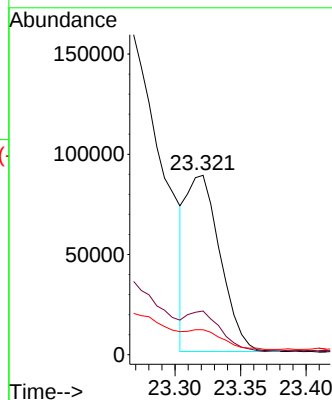
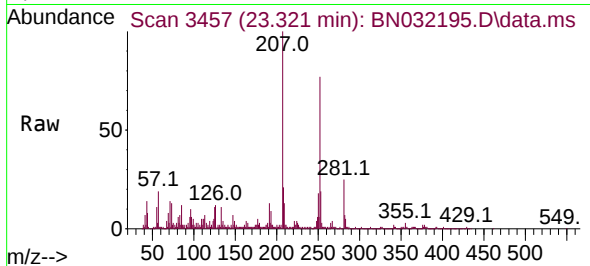




#91
Benzo(k)fluoranthene
Concen: 1.580 ng/u1
RT: 23.321 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BN032195.D
Acq: 23 Jun 2024 10:19

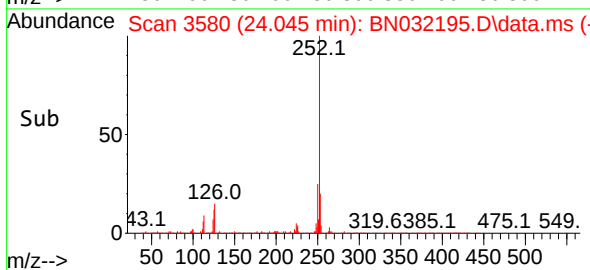
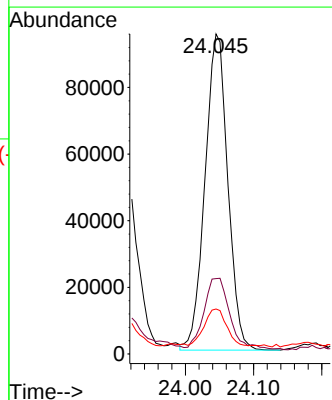
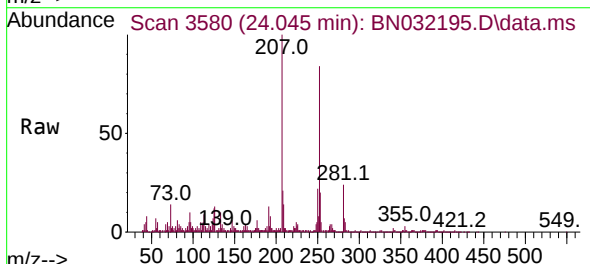
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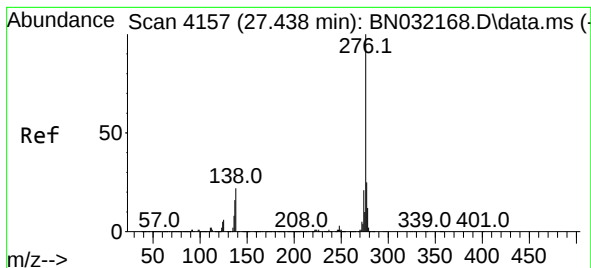
Tgt Ion:252 Resp: 157233
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 14.0 9.4 14.2



#93
Benzo(a)pyrene
Concen: 2.319 ng/u1
RT: 24.045 min Scan# 3580
Delta R.T. 0.006 min
Lab File: BN032195.D
Acq: 23 Jun 2024 10:19

Tgt Ion:252 Resp: 220281
Ion Ratio Lower Upper
252 100
253 23.6 16.6 24.8
125 14.1 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.675 ng/ul

RT: 27.468 min Scan# 41

Delta R.T. 0.024 min

Lab File: BN032195.D

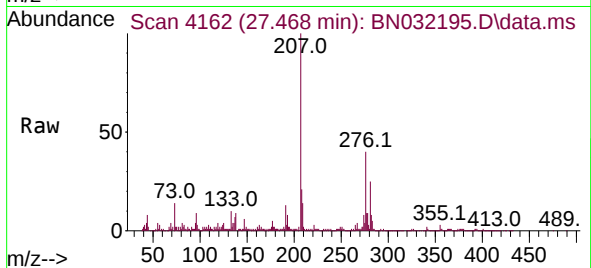
Acq: 23 Jun 2024 10:19

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:276 Resp: 183313

Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

277 23.1 18.2 27.2

