

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032123.D
 Acq On : 21 Jun 2024 09:04
 Operator : MA/JU
 Sample : P2710-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B88

Quant Time: Jun 21 09:32:54 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

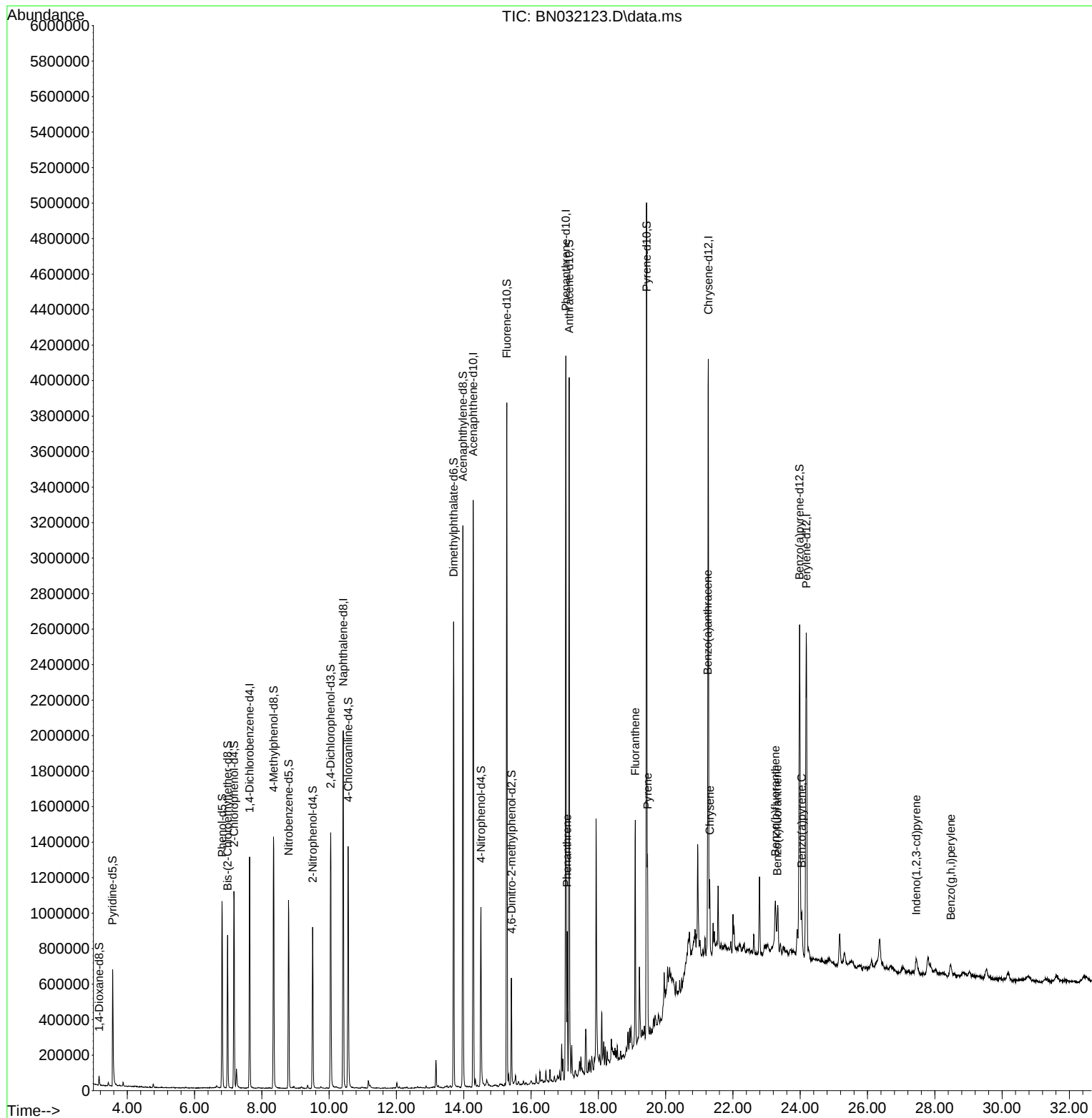
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	376211	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1759644	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1205944	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2415062	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.269	240	1693799	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1599560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	28749	3.161	ng/uL	0.00
4) Pyridine-d5	3.564	84	410953	16.054	ng/u1	0.00
7) Phenol-d5	6.816	99	657659	20.391	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	354394	18.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	568177	23.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	584399	22.229	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	298349	22.175	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	334796	24.089	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	588465	22.680	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	822117	21.341	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1835770	21.851	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2117870	21.924	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	308903	18.364	ng/u1	0.00
60) Fluorene-d10	15.281	176	1566682	22.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	136183	11.218	ng/u1	0.00
73) Anthracene-d10	17.134	188	2329963	22.535	ng/u1	0.00
81) Pyrene-d10	19.433	212	2413377	26.626	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1669896	21.863	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.075	178	466722	3.794	ng/u1	98
80) Fluoranthene	19.098	202	734326	6.779	ng/u1	95
82) Pyrene	19.463	202	598027	5.381	ng/u1#	93
85) Benzo(a)anthracene	21.251	228	262513	2.315	ng/u1	100
87) Chrysene	21.310	228	267364	2.525	ng/u1	98
90) Benzo(b)fluoranthene	23.263	252	281805	2.947	ng/u1#	93
91) Benzo(k)fluoranthene	23.316	252	99783	1.064	ng/u1#	90
93) Benzo(a)pyrene	24.045	252	195374	2.182	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.451	276	125099	1.212	ng/u1	94
96) Benzo(g,h,i)perylene	28.474	276	113704	1.386	ng/u1	97

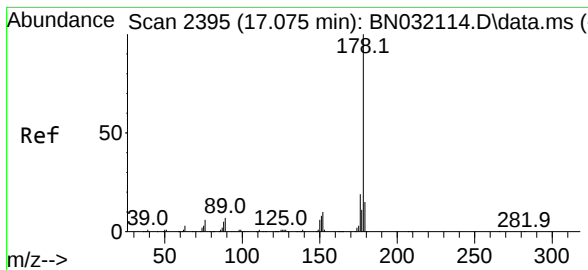
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.794 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

Instrument :

BNA_N

ClientSampleId :

A4B88

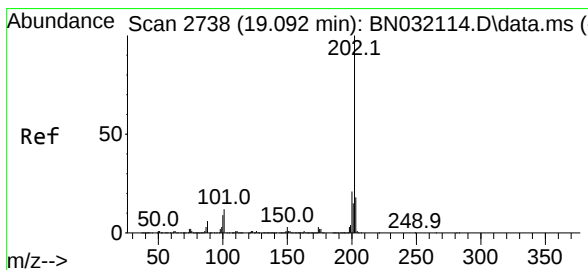
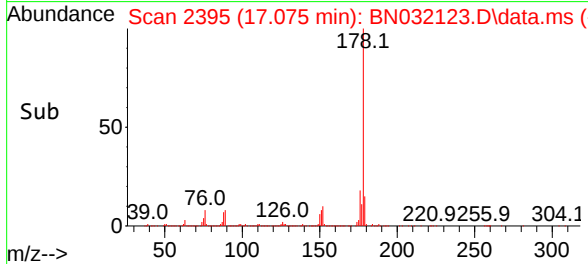
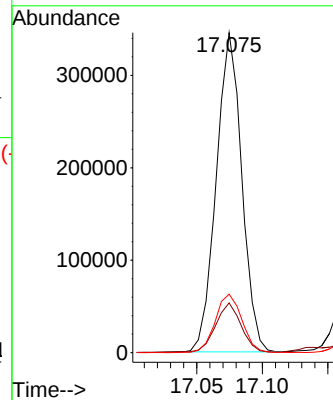
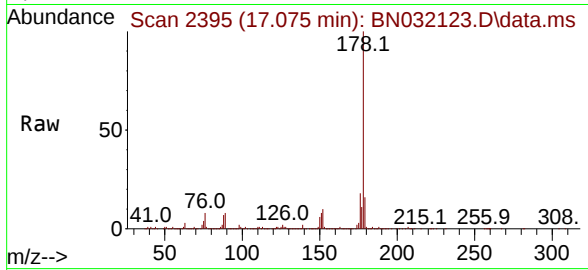
Tgt Ion:178 Resp: 466722

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 18.3 15.8 23.6



#80

Fluoranthene

Concen: 6.779 ng/ul

RT: 19.098 min Scan# 2739

Delta R.T. 0.000 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

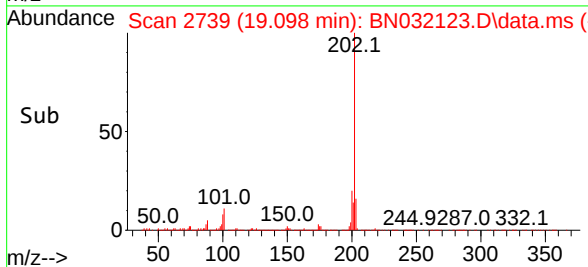
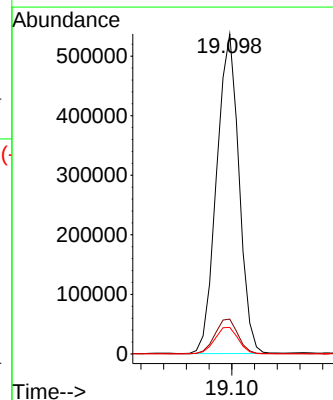
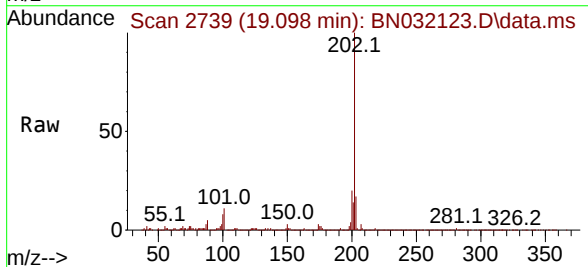
Tgt Ion:202 Resp: 734326

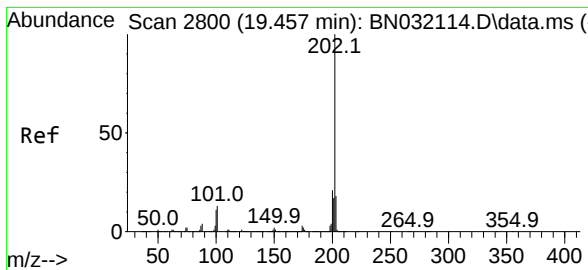
Ion Ratio Lower Upper

202 100

101 10.9 10.3 15.5

100 8.3 8.0 12.0





#82

Pyrene

Concen: 5.381 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

Instrument :

BNA_N

ClientSampleId :

A4B88

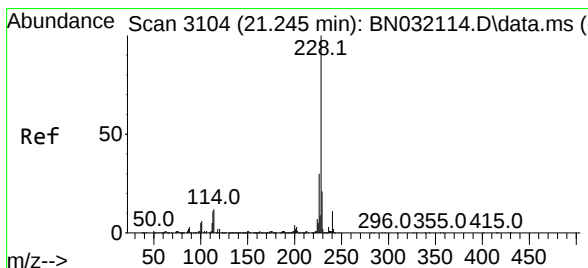
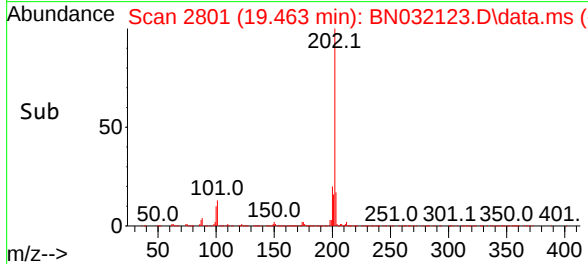
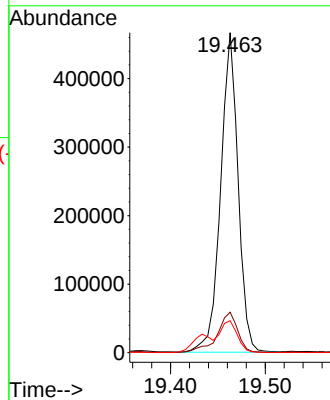
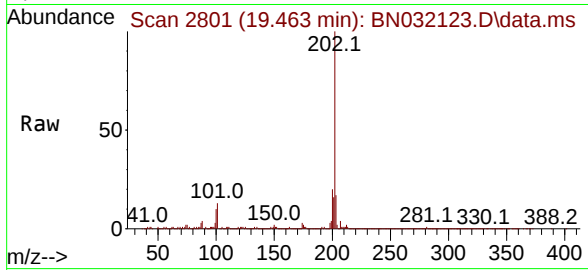
Tgt Ion:202 Resp: 598027

Ion Ratio Lower Upper

202 100

101 12.7 12.6 18.8

100 10.0 10.2 15.2#



#85

Benzo(a)anthracene

Concen: 2.315 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

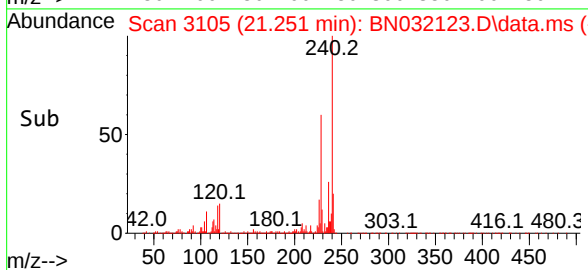
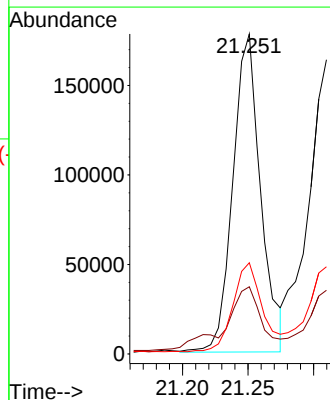
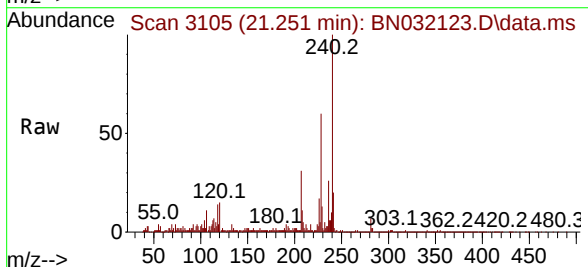
Tgt Ion:228 Resp: 262513

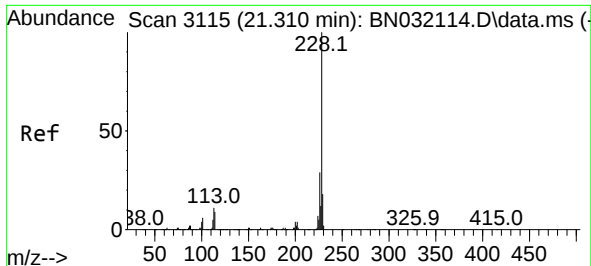
Ion Ratio Lower Upper

228 100

229 21.0 16.7 25.1

226 28.5 22.8 34.2

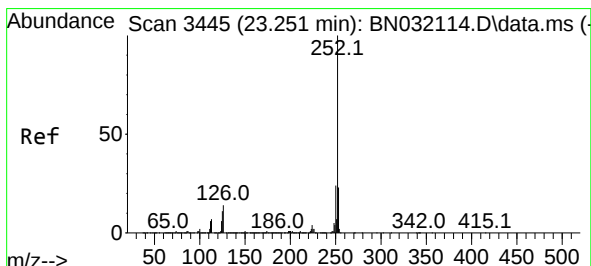
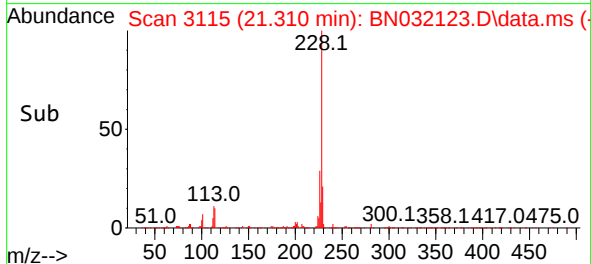
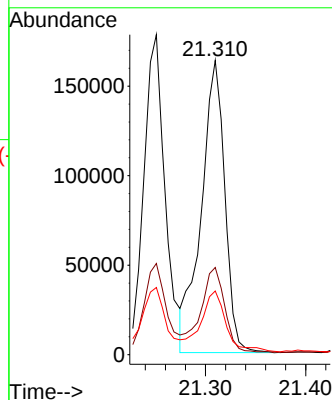
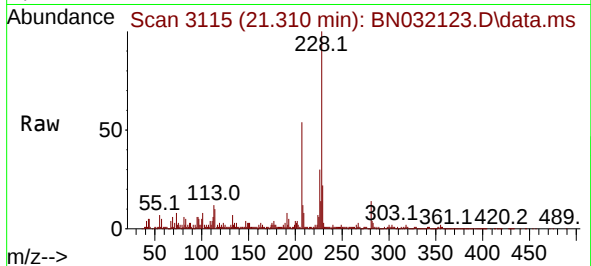




#87
Chrysene
Concen: 2.525 ng/ul
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BN032123.D
Acq: 21 Jun 2024 09:04

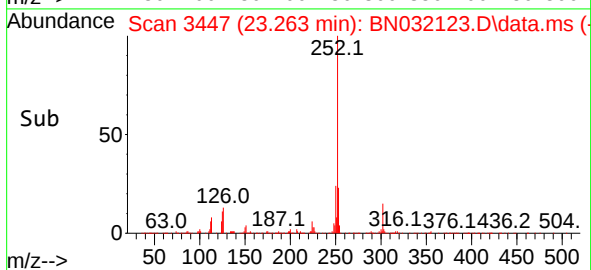
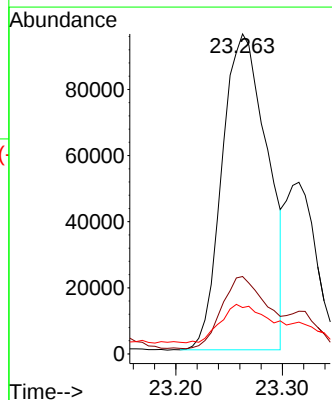
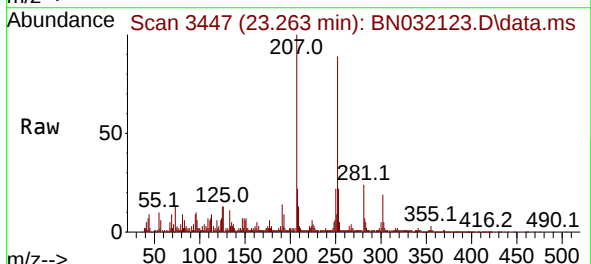
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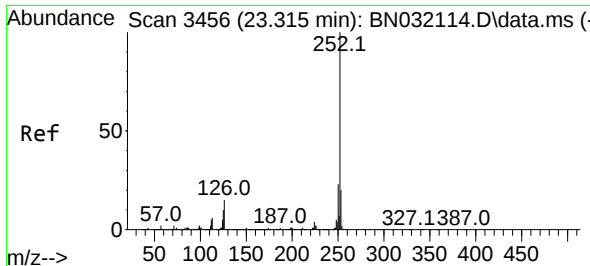
Tgt Ion:228 Resp: 267364
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.6 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 2.947 ng/ul
RT: 23.263 min Scan# 3447
Delta R.T. 0.000 min
Lab File: BN032123.D
Acq: 21 Jun 2024 09:04

Tgt Ion:252 Resp: 281805
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 14.5 9.2 13.8#

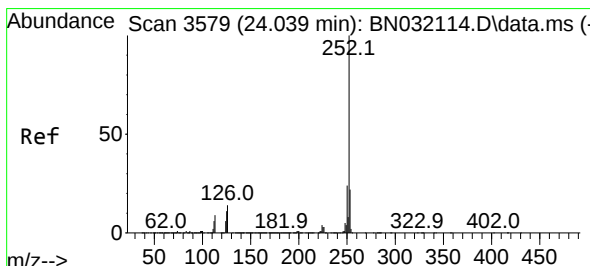
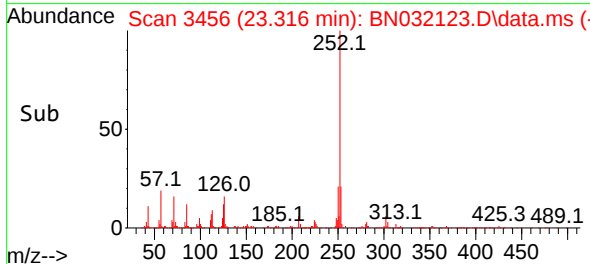
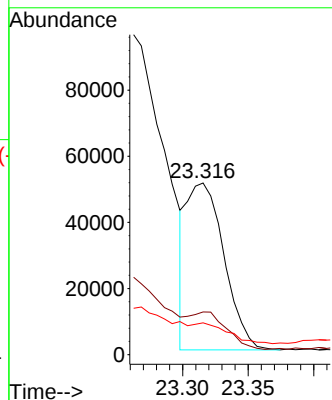
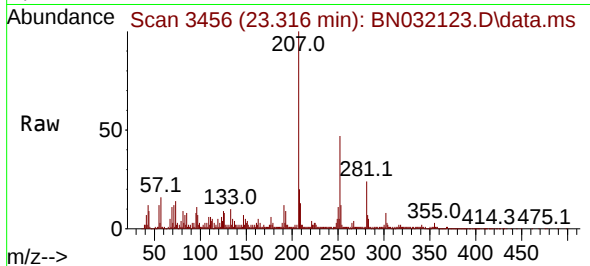




#91
Benzo(k)fluoranthene
Concen: 1.064 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BN032123.D
Acq: 21 Jun 2024 09:04

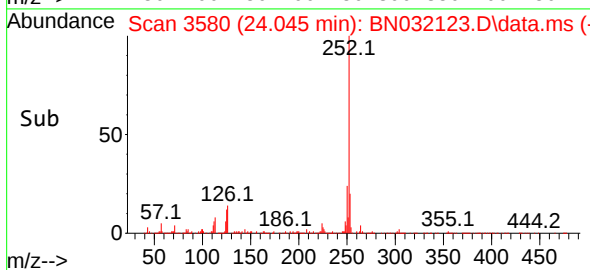
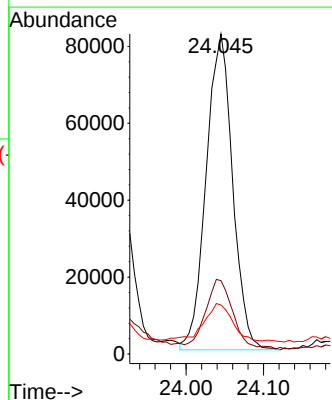
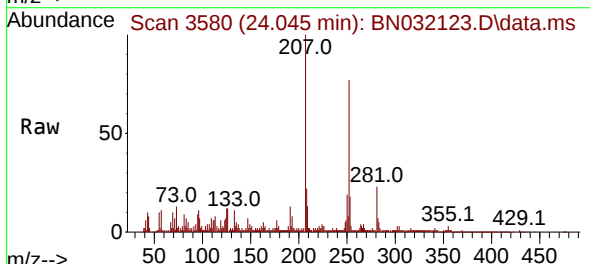
Instrument :
BNA_N
ClientSampleId :
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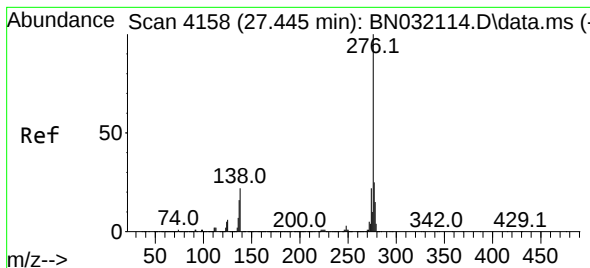
Tgt Ion:252 Resp: 99783
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 18.6 9.4 14.2#



#93
Benzo(a)pyrene
Concen: 2.182 ng/ul
RT: 24.045 min Scan# 3580
Delta R.T. 0.006 min
Lab File: BN032123.D
Acq: 21 Jun 2024 09:04

Tgt Ion:252 Resp: 195374
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 15.3 9.8 14.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.212 ng/ul

RT: 27.451 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

Instrument :

BNA_N

ClientSampleId :

A4B88

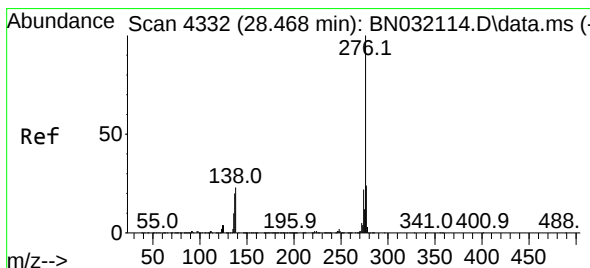
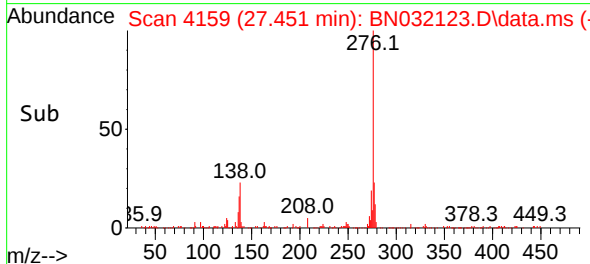
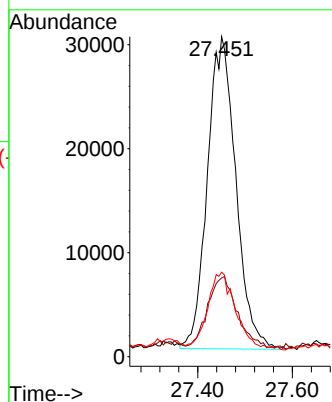
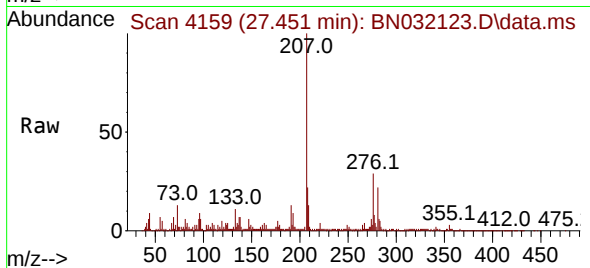
Tgt Ion:276 Resp: 125099

Ion Ratio Lower Upper

276 100

138 24.6 18.1 27.1

277 26.4 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 1.386 ng/ul

RT: 28.474 min Scan# 4333

Delta R.T. 0.006 min

Lab File: BN032123.D

Acq: 21 Jun 2024 09:04

Tgt Ion:276 Resp: 113704

Ion Ratio Lower Upper

276 100

138 25.3 20.9 31.3

277 24.8 18.0 27.0

