

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029767.D
 Acq On : 14 Feb 2024 13:03
 Operator : MA/JU
 Sample : P1286-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6W0

Quant Time: Feb 14 13:54:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

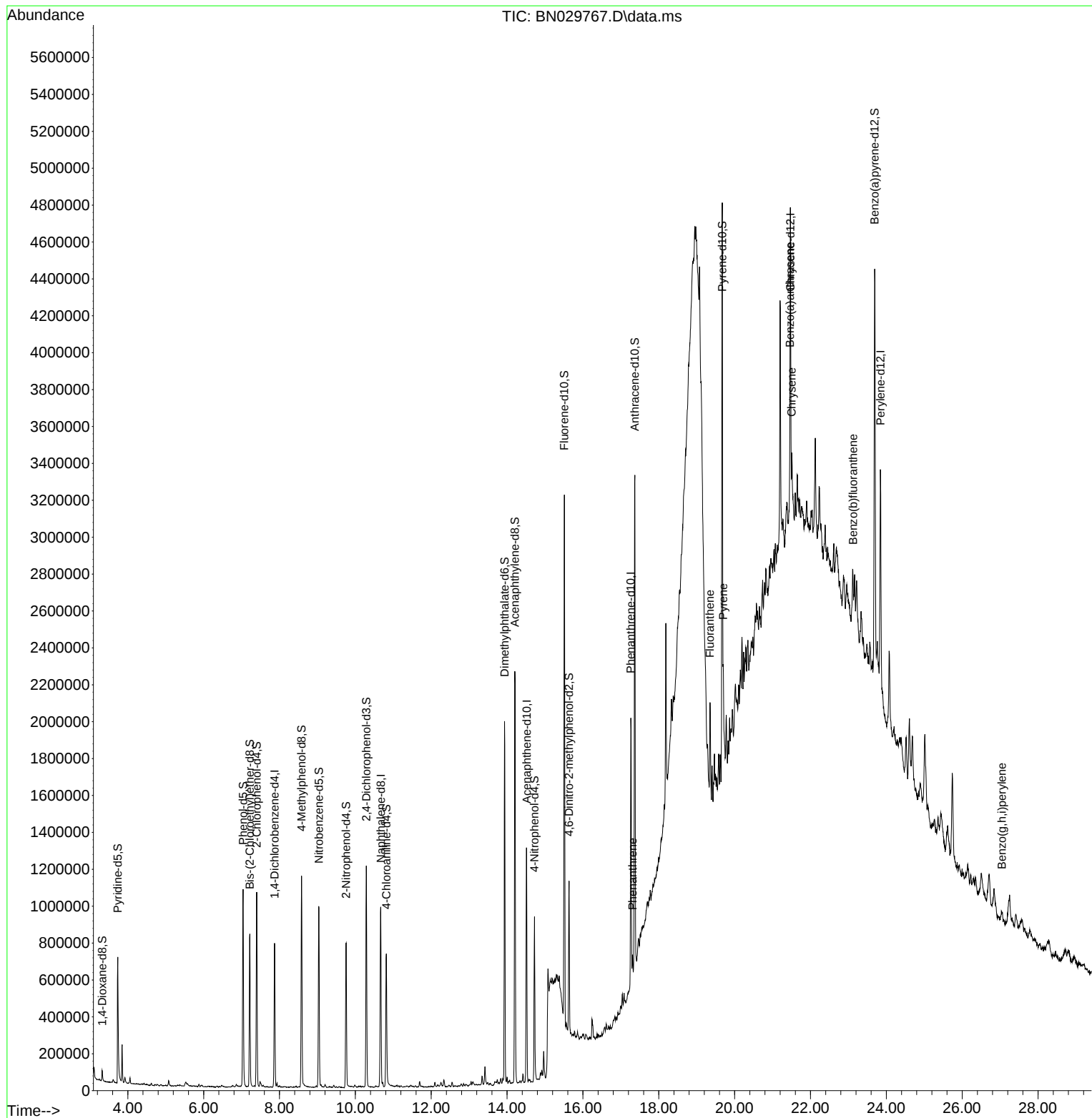
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	192588	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	771901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	417490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	807225	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	694207	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	820852	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	27869	4.760	ng/uL	0.00
4) Pyridine-d5	3.734	84	389779	24.962	ng/u1	0.00
7) Phenol-d5	7.040	99	584783	32.463	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	380891	31.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	452185	34.640	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	410458	30.553	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	226923	37.878	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	225647	43.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	398693	38.712	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	393501	22.396	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1198932	38.573	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1408220	38.150	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	192000	32.546	ng/u1	0.00
60) Fluorene-d10	15.510	176	1027782	38.869	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	136721	34.760	ng/u1	0.00
73) Anthracene-d10	17.369	188	1437163	37.989	ng/u1	0.00
81) Pyrene-d10	19.674	212	1637456	39.305	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.692	264	1612348	39.254	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.310	178	69760	1.494	ng/u1	98
80) Fluoranthene	19.351	202	227329	4.492	ng/u1	96
82) Pyrene	19.698	202	250401	4.677	ng/u1	99
85) Benzo(a)anthracene	21.457	228	93522	1.834	ng/u1#	65
87) Chrysene	21.504	228	170941	3.577	ng/u1#	86
90) Benzo(b)fluoranthene	23.127	252	134379	2.599	ng/u1#	50
96) Benzo(g,h,i)perylene	27.045	276	52332	1.036	ng/u1#	88

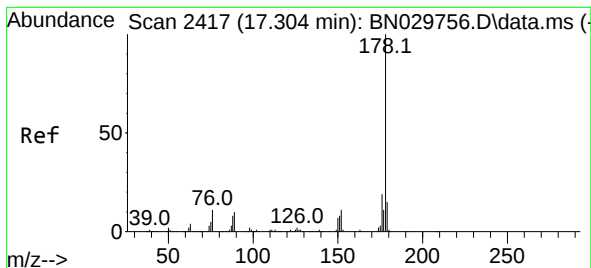
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 13 22:50:45 2024
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#72

Phenanthrene

Concen: 1.494 ng/ul

RT: 17.310 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN029767.D

Acq: 14 Feb 2024 13:03

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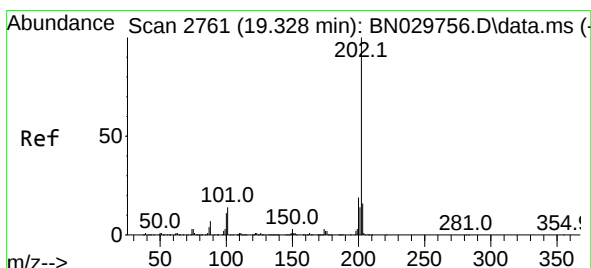
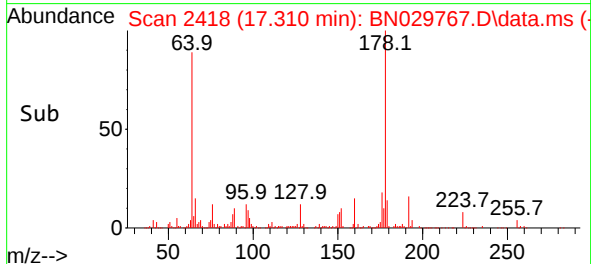
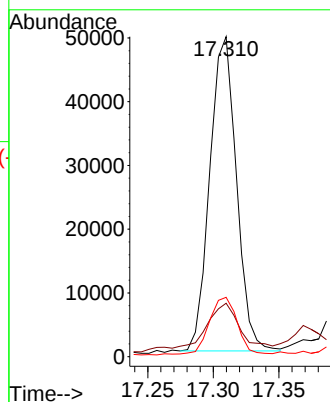
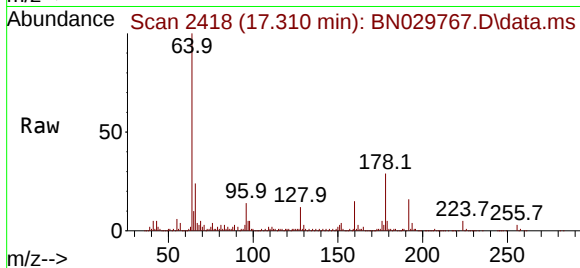
Tgt Ion:178 Resp: 69760

Ion Ratio Lower Upper

178 100

179 16.7 12.5 18.7

176 18.6 15.7 23.5



#80

Fluoranthene

Concen: 4.492 ng/ul

RT: 19.351 min Scan# 2765

Delta R.T. 0.023 min

Lab File: BN029767.D

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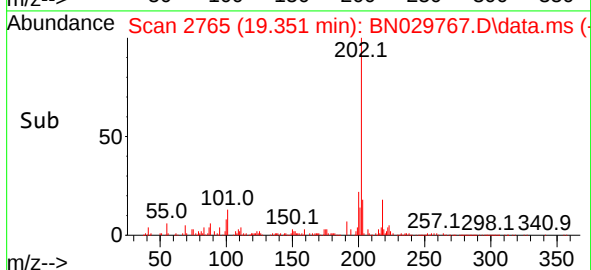
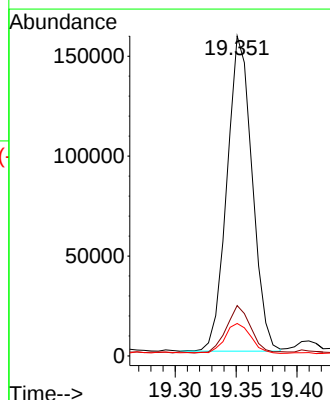
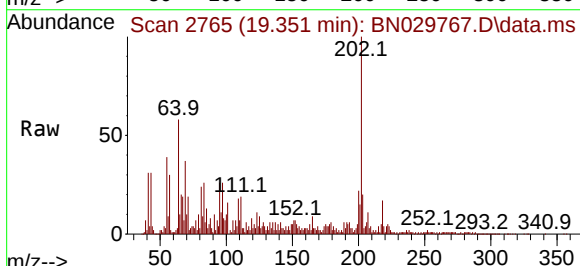
Tgt Ion:202 Resp: 227329

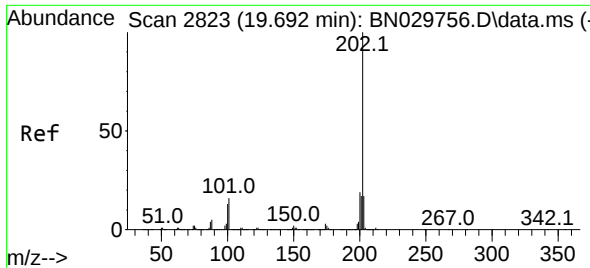
Ion Ratio Lower Upper

202 100

101 15.8 11.1 16.7

100 10.2 8.9 13.3

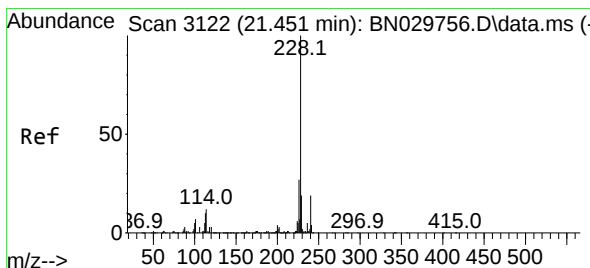
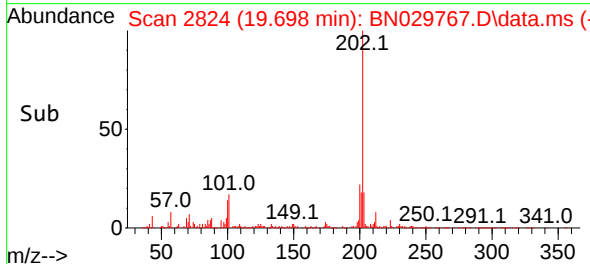
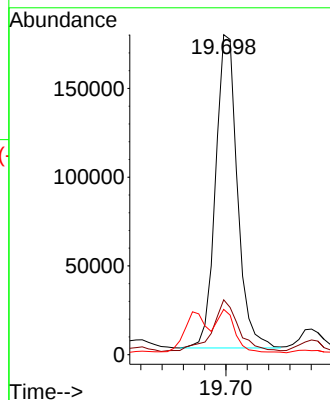
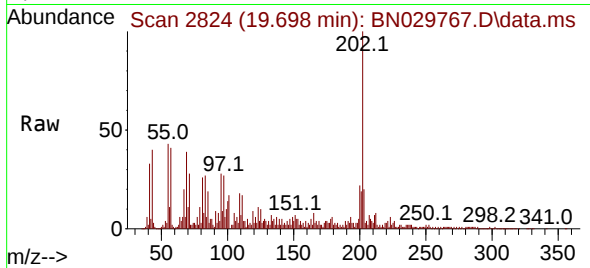




#82
 Pyrene
 Concen: 4.677 ng/ul
 RT: 19.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN029767.D
 Acq: 14 Feb 2024 13:03

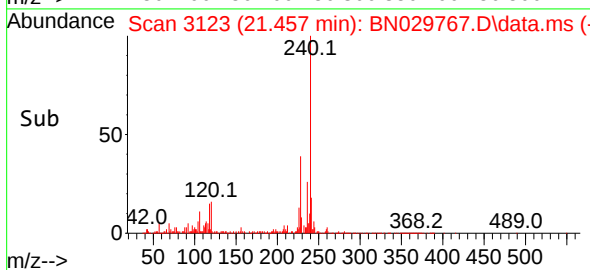
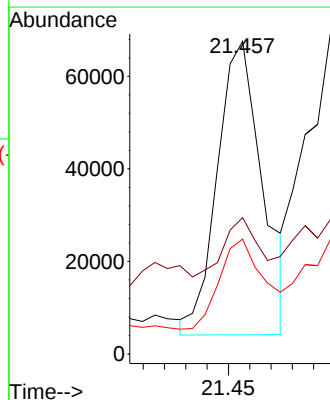
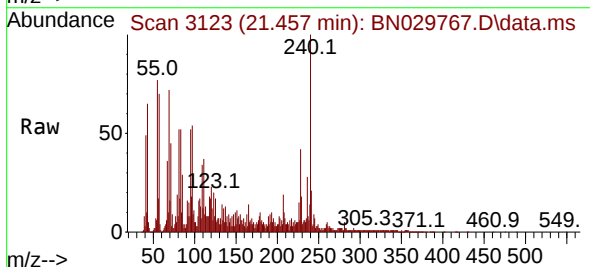
Instrument :
 BNA_N
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 BH6W0

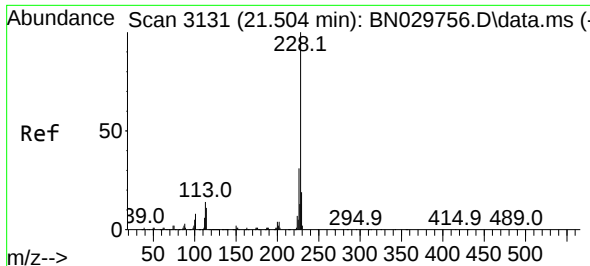
Tgt Ion:202 Resp: 250401
 Ion Ratio Lower Upper
 202 100
 101 17.2 14.2 21.4
 100 14.1 11.4 17.2



#85
 Benzo(a)anthracene
 Concen: 1.834 ng/ul
 RT: 21.457 min Scan# 3123
 Delta R.T. 0.006 min
 Lab File: BN029767.D
 Acq: 14 Feb 2024 13:03

Tgt Ion:228 Resp: 93522
 Ion Ratio Lower Upper
 228 100
 229 43.6 15.0 22.6#
 226 36.7 21.0 31.6#





#87

Chrysene

Concen: 3.577 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BN029767.D

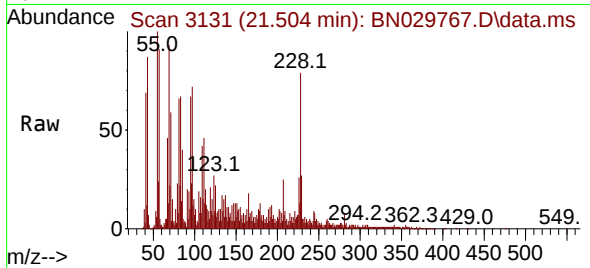
Acq: 14 Feb 2024 13:03

Instrument :

BNA_N

ClientSampleId :

BH6W0



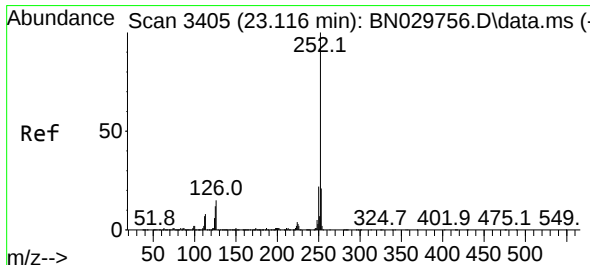
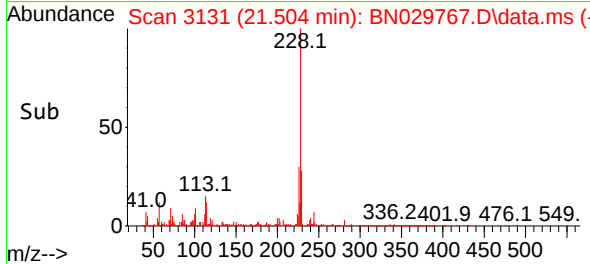
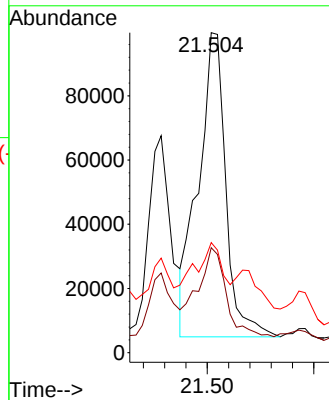
Tgt Ion:228 Resp: 170941

Ion Ratio Lower Upper

228 100

226 32.8 24.6 37.0

229 34.4 16.2 24.4#



#90

Benzo(b)fluoranthene

Concen: 2.599 ng/ul

RT: 23.127 min Scan# 3407

Delta R.T. 0.011 min

Lab File: BN029767.D

Acq: 14 Feb 2024 13:03

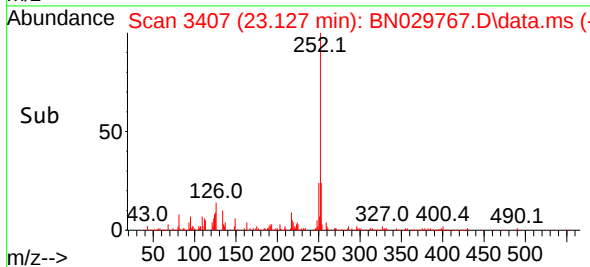
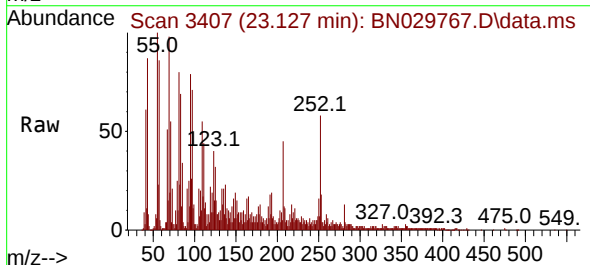
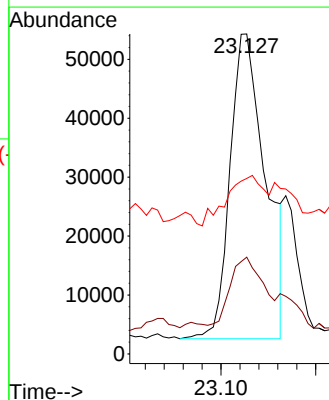
Tgt Ion:252 Resp: 134379

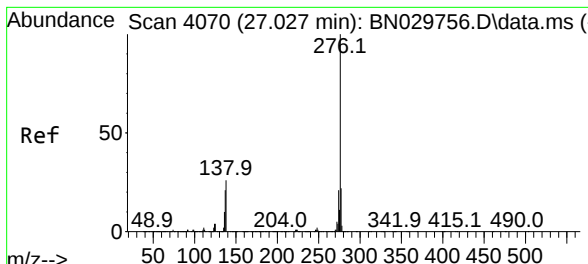
Ion Ratio Lower Upper

252 100

253 30.2 17.5 26.3#

125 54.8 11.1 16.7#





#96
 Benzo(g,h,i)perylene
 Concen: 1.036 ng/ul
 RT: 27.045 min Scan# 4073
 Delta R.T. 0.011 min
 Lab File: BN029767.D
 Acq: 14 Feb 2024 13:03

Instrument :
 BNA_N
 ClientSampleId :
 BH6W0

Tgt Ion: 276 Resp: 52332

Ion	Ratio	Lower	Upper
276	100		
138	37.4	23.9	35.9#
277	27.6	18.6	28.0

