

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034445.D
 Acq On : 07 Oct 2024 19:34
 Operator : RC/JU
 Sample : P4109-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EW5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 00:24:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	226405	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	922735	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	577355	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.792	188	1190581	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	907796	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	968474	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	17030	3.069	ng/uL	0.00
4) Pyridine-d5	3.381	84	212947	12.913	ng/ul	0.00
7) Phenol-d5	6.575	99	328807	16.364	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	190577	15.287	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	288970	18.270	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	282913	17.112	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	137770	18.732	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	151218	19.995	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	280286	19.679	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	364482	16.903	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	879309	20.379	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1005768	20.720	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	104658	11.819	ng/ul	0.00
60) Fluorene-d10	15.034	176	765789	20.942	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	89795	12.650	ng/ul	0.00
73) Anthracene-d10	16.886	188	1171645	20.932	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1283927	25.384	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1098853	22.088	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	16.828	178	444819	6.776	ng/ul	100
74) Anthracene	16.922	178	89581	1.336	ng/ul	97
80) Fluoranthene	18.863	202	557869	9.434	ng/ul	97
82) Pyrene	19.227	202	492173	7.743	ng/ul	96
85) Benzo(a)anthracene	21.010	228	194436	3.004	ng/ul	94
87) Chrysene	21.063	228	197558	3.199	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	223489	3.785	ng/ul#	95
91) Benzo(k)fluoranthene	22.939	252	76492m	1.313	ng/ul	
93) Benzo(a)pyrene	23.604	252	173695	3.114	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.709	276	112469	1.627	ng/ul	100
96) Benzo(g,h,i)perylene	27.639	276	115473	2.152	ng/ul	98

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

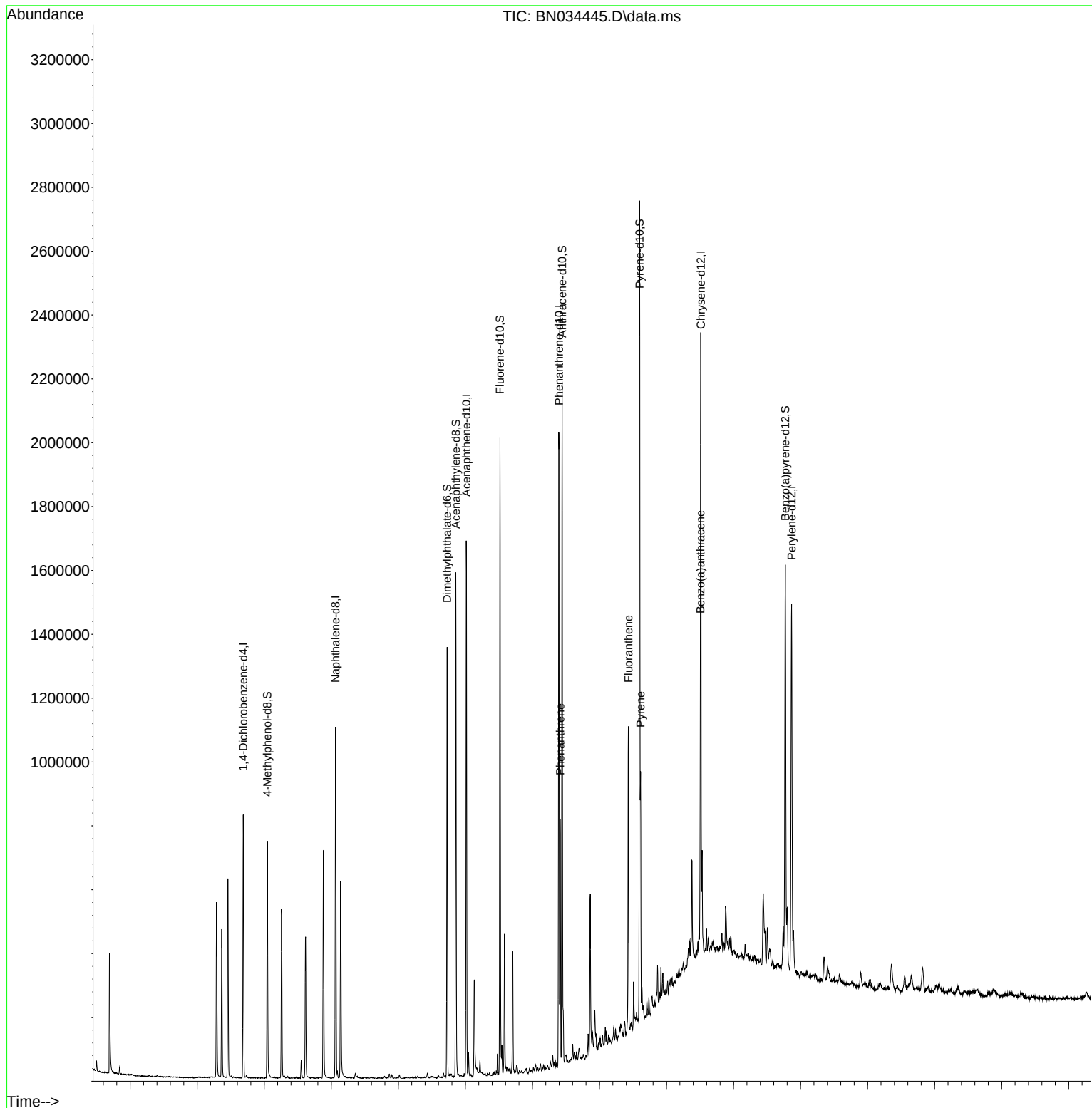
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034445.D
Acq On : 07 Oct 2024 19:34
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ALS Vial : 13 Sample Multiplier: 1

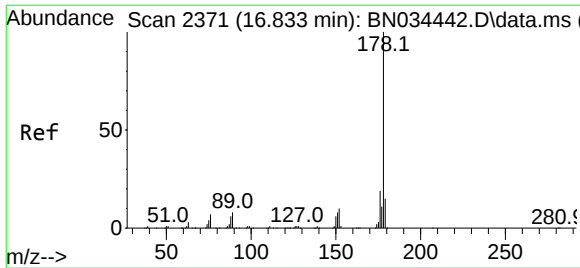
Instrument :
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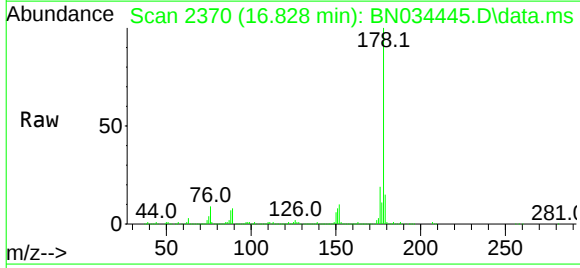
Quant Time: Oct 08 00:24:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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#72
Phenanthrene
Concen: 6.776 ng/ul
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034445.D
Acq: 07 Oct 2024 19:34

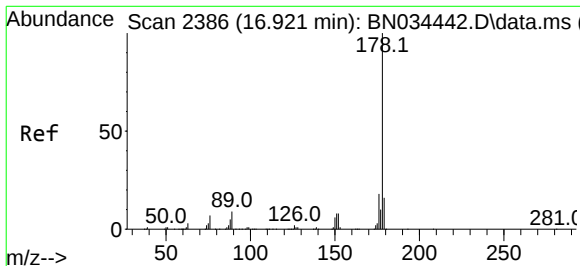
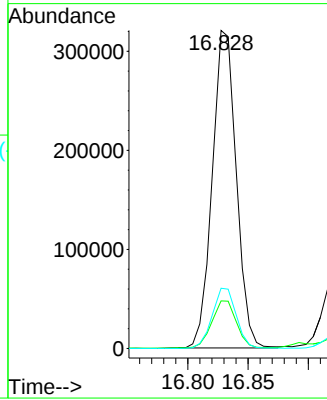
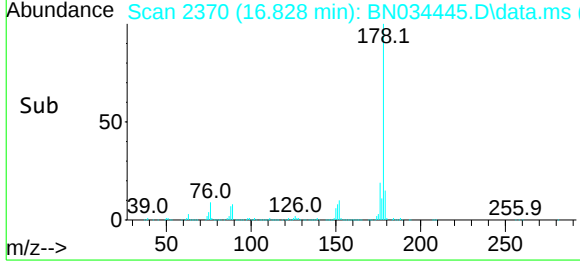
Instrument : BNA_N
ClientSampleId : A4EW5



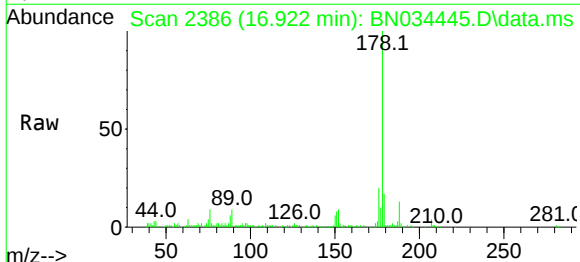
Tgt Ion:178 Resp: 444819
Ion Ratio Lower Upper
178 100
179 15.0 11.9 17.9
176 18.9 15.2 22.8

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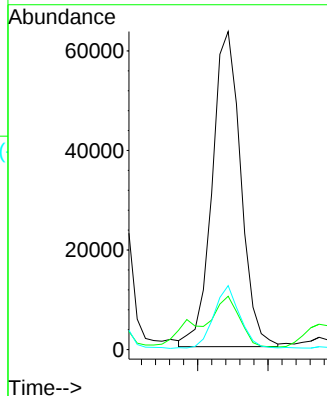
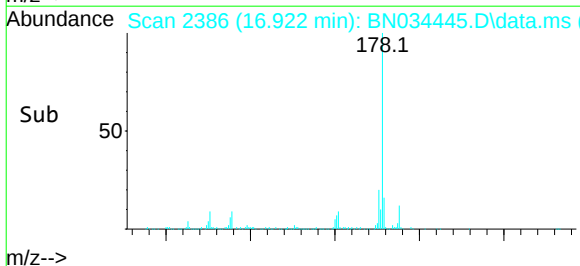
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

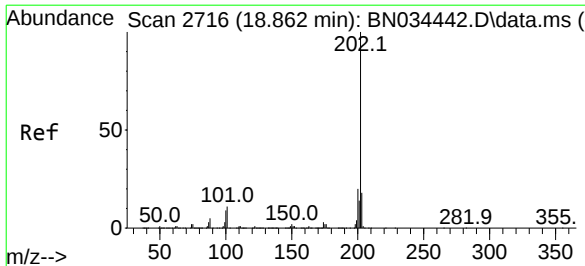


#74
Anthracene
Concen: 1.336 ng/ul
RT: 16.922 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BN034445.D
Acq: 07 Oct 2024 19:34



Tgt Ion:178 Resp: 89581
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.2
176 20.1 15.0 22.6





#80

Fluoranthene

Concen: 9.434 ng/u1

RT: 18.863 min Scan# 2716

Delta R.T. -0.006 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Instrument :

BNA_N

ClientSampleId :

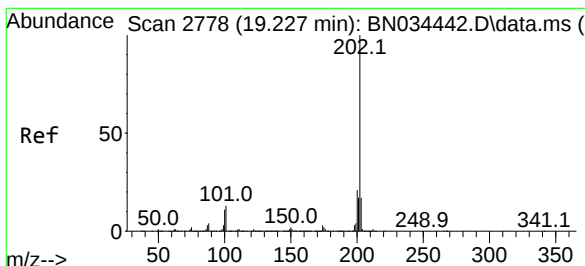
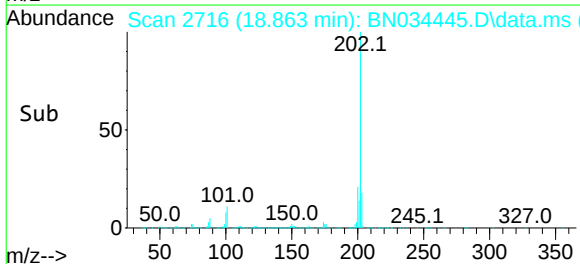
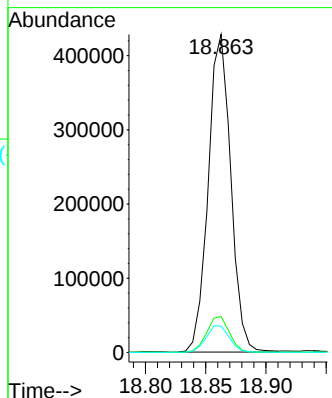
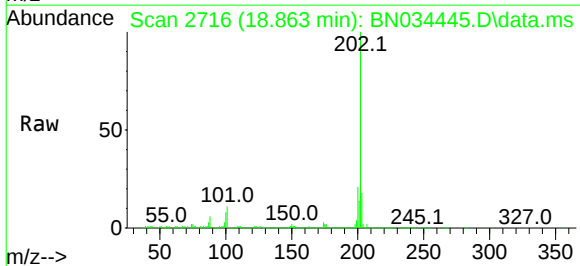
A4EW5

Tgt	Ion:202	Resp:	557869
Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.6	14.4
100	8.3	7.7	11.5

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#82

Pyrene

Concen: 7.743 ng/u1

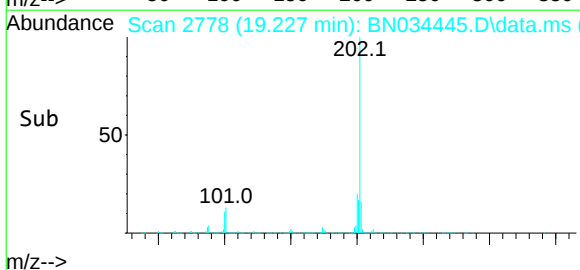
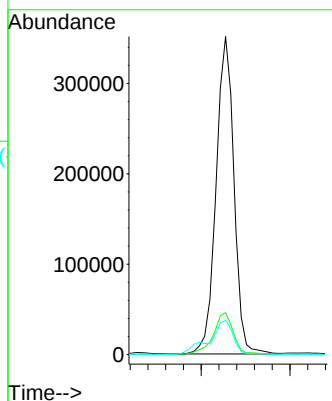
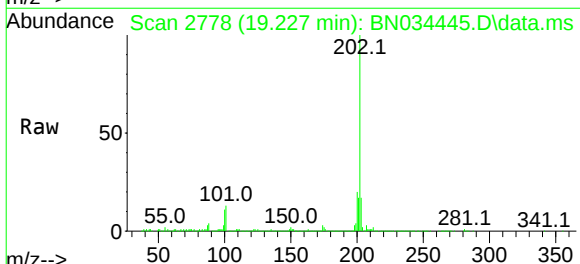
RT: 19.227 min Scan# 2778

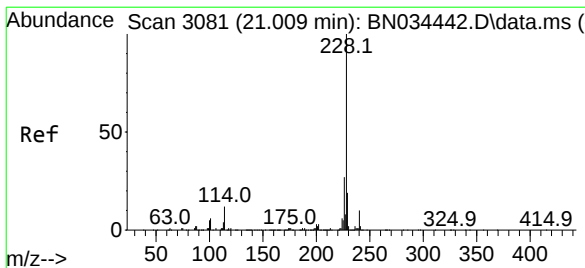
Delta R.T. -0.012 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Tgt	Ion:202	Resp:	492173
Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.8	17.8
100	10.8	10.0	15.0





#85

Benzo(a)anthracene

Concen: 3.004 ng/u1

RT: 21.010 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Instrument :

BNA_N

ClientSampleId :

A4EW5

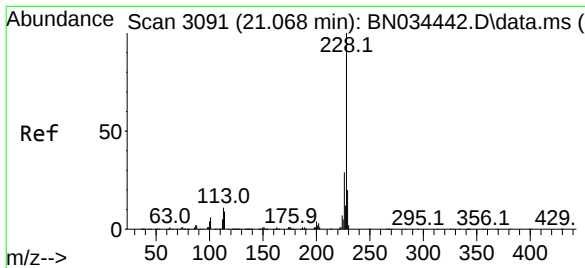
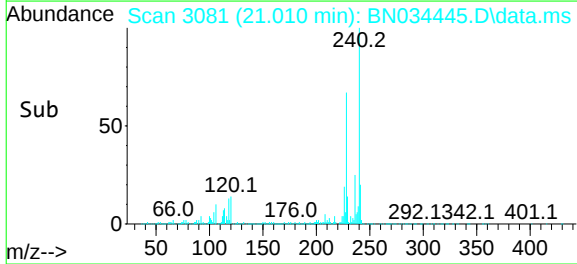
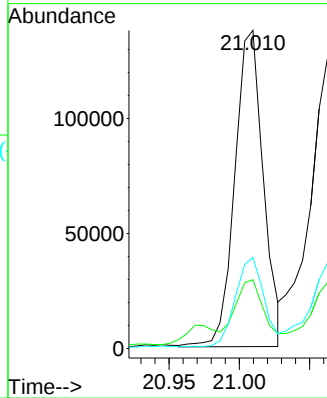
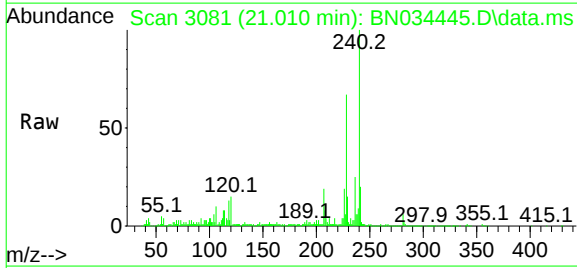
Tgt Ion:	228	Resp:	194436
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.0	22.6
226	28.6	20.2	30.4

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#87

Chrysene

Concen: 3.199 ng/u1

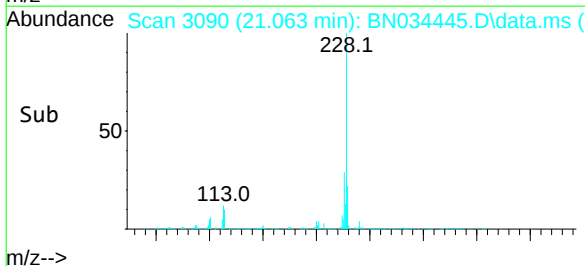
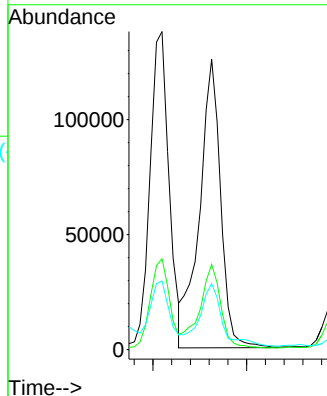
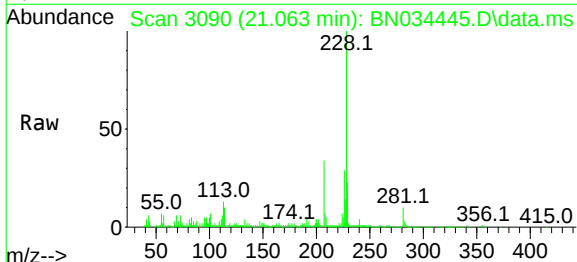
RT: 21.063 min Scan# 3090

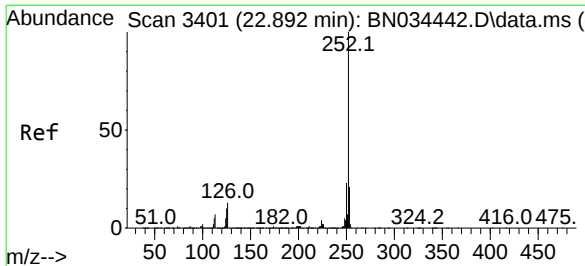
Delta R.T. -0.012 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Tgt Ion:	228	Resp:	197558
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.5	33.7
229	22.7	15.8	23.6





#90

Benzo(b)fluoranthene

Concen: 3.785 ng/u1

RT: 22.886 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Instrument :

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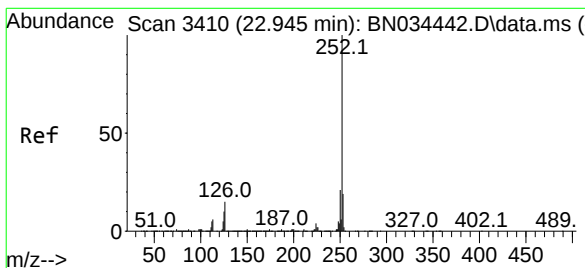
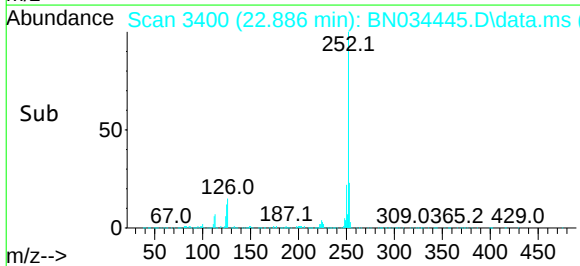
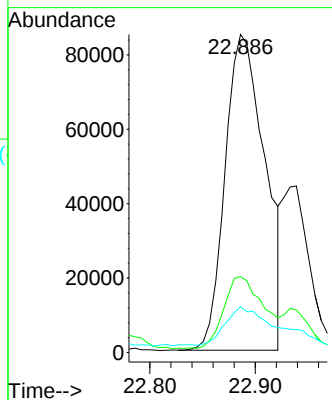
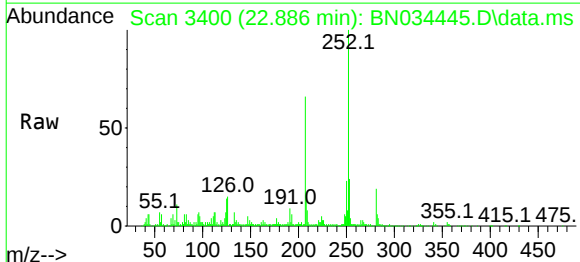
Tgt Ion:252	Resp: 223489
Ion Ratio	Lower Upper
252 100	
253 23.9	17.8 26.6
125 14.4	9.1 13.7#

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#91

Benzo(k)fluoranthene

Concen: 1.313 ng/u1 m

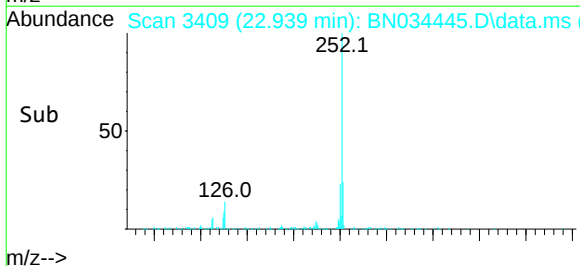
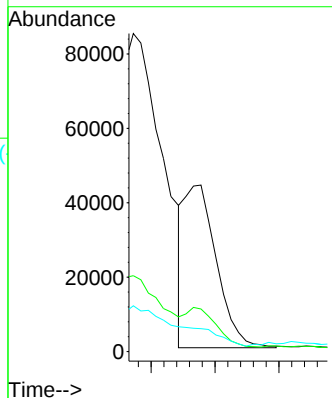
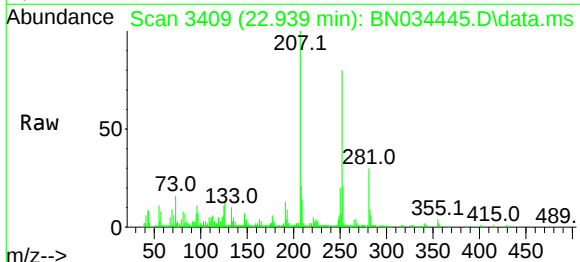
RT: 22.939 min Scan# 3409

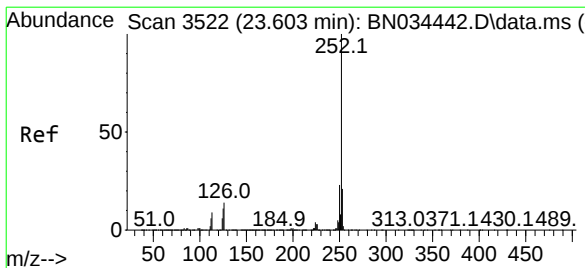
Delta R.T. -0.006 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

Tgt Ion:252	Resp: 76492
Ion Ratio	Lower Upper
252 100	
253 25.6	17.4 26.0
125 13.8	8.8 13.2#





#93

Benzo(a)pyrene

Concen: 3.114 ng/u1

RT: 23.604 min Scan# 35

Delta R.T. -0.012 min

Lab File: BN034445.D

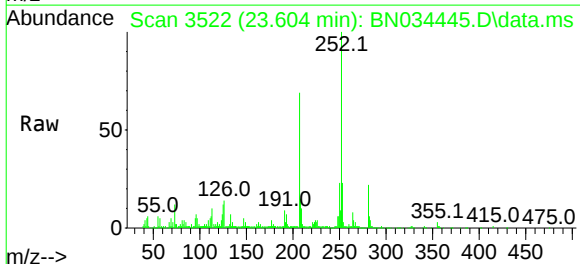
Acq: 07 Oct 2024 19:34

Instrument :

BNA_N

ClientSampleId :

A4EW5

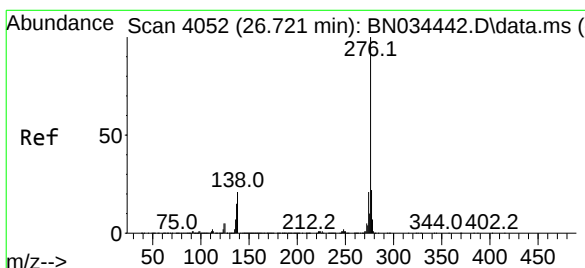
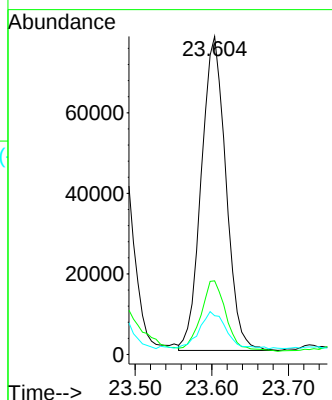
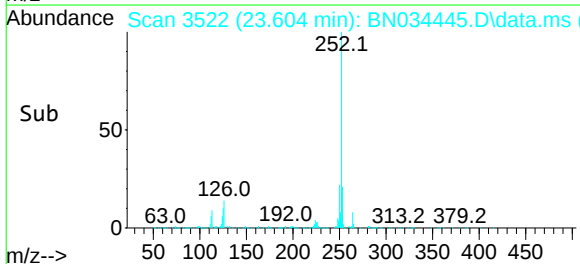


Tgt Ion:	252	Resp:	173695
Ion Ratio	Lower	Upper	
252	100		
253	23.1	15.8	23.8
125	12.2	9.0	13.6

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.627 ng/u1

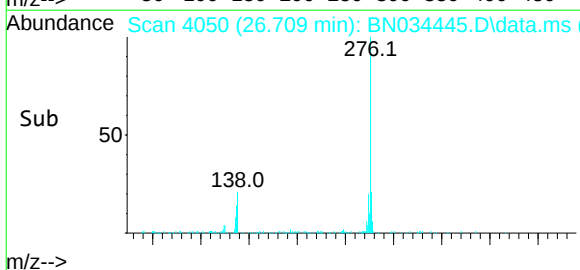
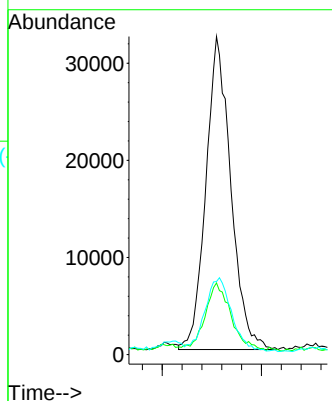
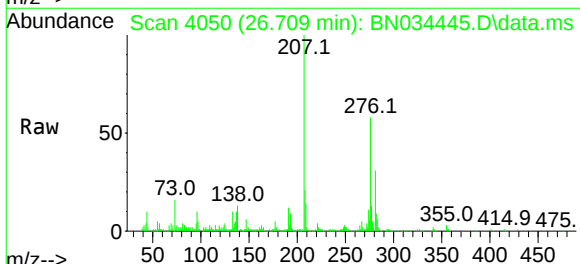
RT: 26.709 min Scan# 4050

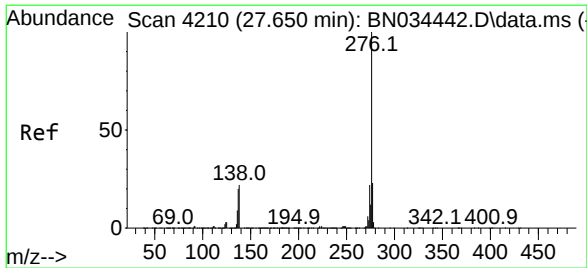
Delta R.T. -0.029 min

Lab File: BN034445.D

Acq: 07 Oct 2024 19:34

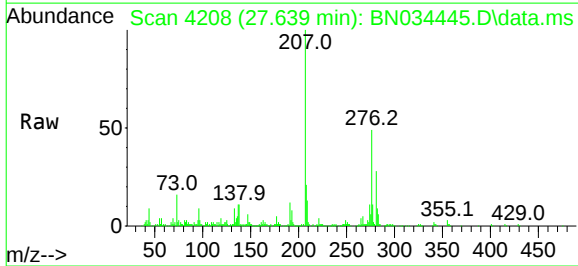
Tgt Ion:	276	Resp:	112469
Ion Ratio	Lower	Upper	
276	100		
138	22.5	17.7	26.5
277	23.0	18.4	27.6





#96
 Benzo(g,h,i)perylene
 Concen: 2.152 ng/ul
 RT: 27.639 min Scan# 4210
 Delta R.T. -0.024 min
 Lab File: BN034445.D
 Acq: 07 Oct 2024 19:34

Instrument :
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 A4EW5



Tgt	Ion	276	Resp	115473
Ion	Ratio	Lower	Upper	
276	100			
138	22.1	19.0	28.4	
277	23.0	18.0	27.0	

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