

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034439.D
 Acq On : 07 Oct 2024 15:38
 Operator : RC/JU
 Sample : P4109-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EJ8

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 16:39:00 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	165312	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	655783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	409219	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	876049	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	913282	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	956088	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	4929	1.217	ng/uL	0.00
4) Pyridine-d5	3.405	84	8113m	0.674	ng/ul	0.02
7) Phenol-d5	6.581	99	85159	5.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	57712	6.340	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	81950	7.096	ng/ul	-0.01
15) 4-Methylphenol-d8	8.098	113	41860	3.468	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	37198	7.117	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	38574	7.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	68834	6.800	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	33686	2.198	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	226704	7.413	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	256100	7.444	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	18960m	3.021	ng/ul	0.00
60) Fluorene-d10	15.033	176	210148	8.108	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	19347	3.704	ng/ul	0.00
73) Anthracene-d10	16.886	188	327932	7.962	ng/ul	-0.01
81) Pyrene-d10	19.198	212	351773	6.913	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	230589	4.695	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.193	105	29730	1.555	ng/ul	96
72) Phenanthrene	16.827	178	234976	4.864	ng/ul	97
80) Fluoranthene	18.863	202	593310	9.974	ng/ul	99
82) Pyrene	19.227	202	378625	5.920	ng/ul	97
85) Benzo(a)anthracene	21.009	228	272951	4.192	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	20.974	149	108380	2.582	ng/ul#	94
87) Chrysene	21.068	228	320193	5.154	ng/ul	95
90) Benzo(b)fluoranthene	22.886	252	443466	7.608	ng/ul	96
91) Benzo(k)fluoranthene	22.939	252	143630	2.498	ng/ul#	94
93) Benzo(a)pyrene	23.609	252	116340	2.113	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.715	276	120553	1.767	ng/ul#	89

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

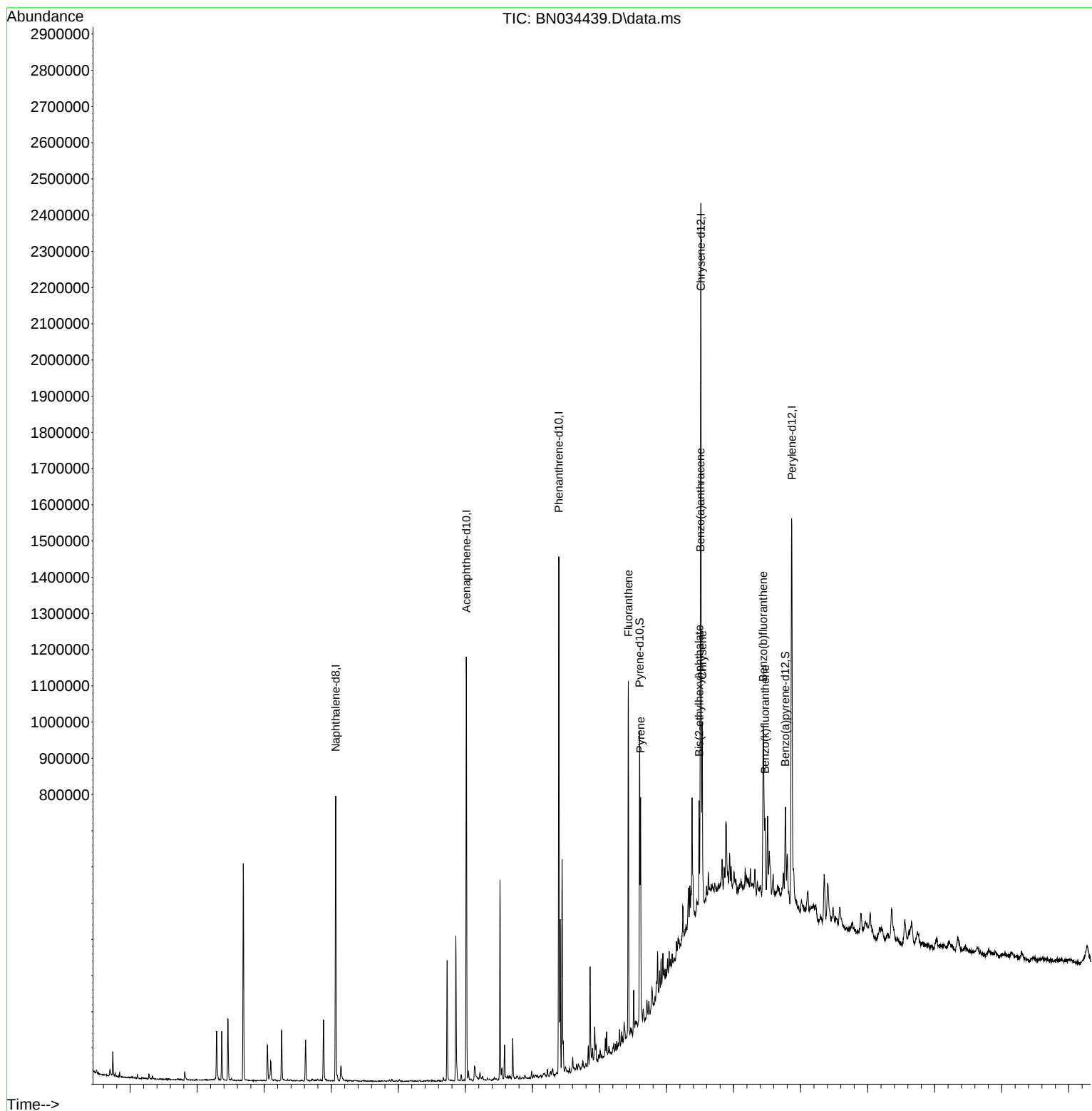
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034439.D
Acq On : 07 Oct 2024 15:38
Operator : RC/JU
Sample : P4109-06
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ALS Vial : 8 Sample Multiplier: 1

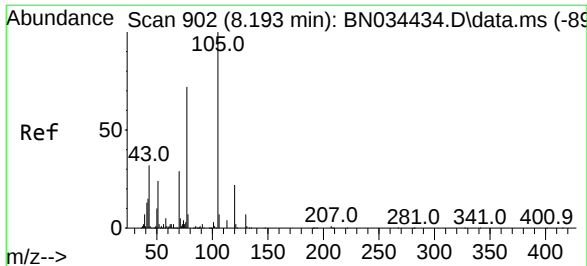
Instrument :
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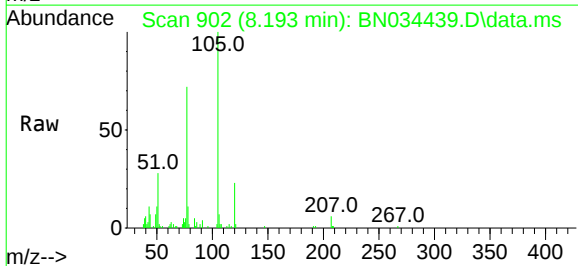
Quant Time: Oct 07 16:39:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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#16
Acetophenone
Concen: 1.555 ng/u1
RT: 8.193 min Scan# 902
Delta R.T. -0.012 min
Lab File: BN034439.D
Acq: 07 Oct 2024 15:38

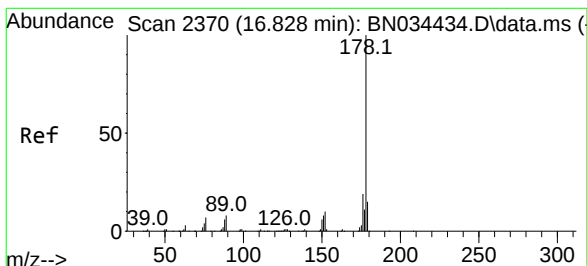
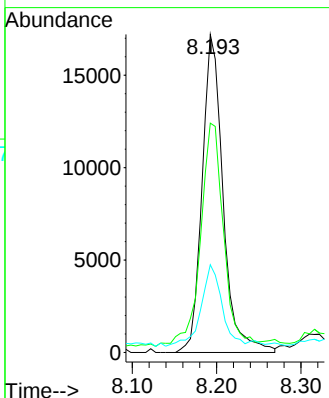
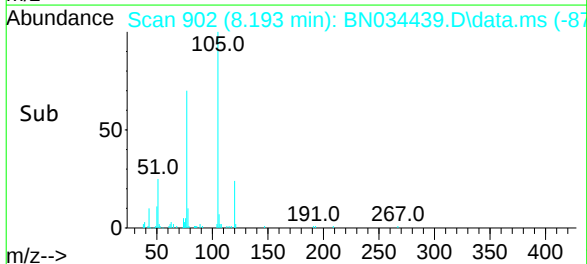
Instrument :
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ClientSampleId :
A4EJ8



Tgt Ion:105 Resp: 29730
Ion Ratio Lower Upper
105 100
77 72.1 61.1 91.7
51 27.6 22.6 33.8

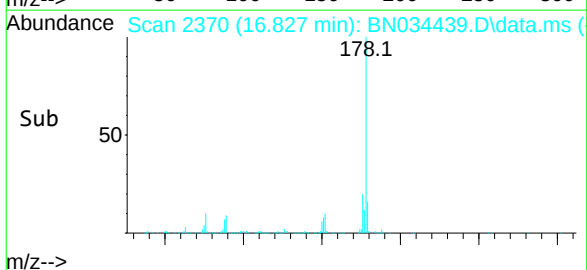
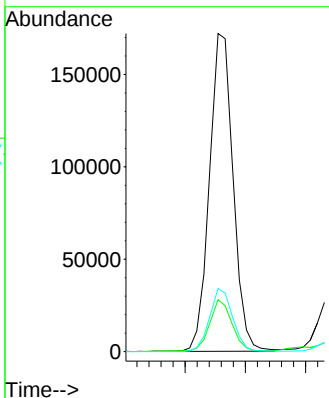
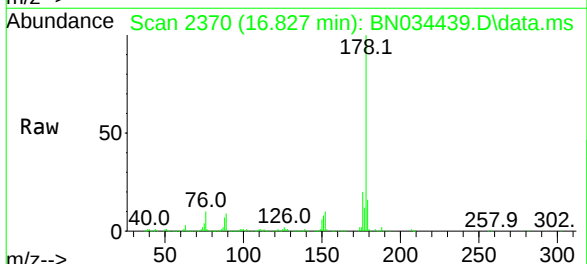
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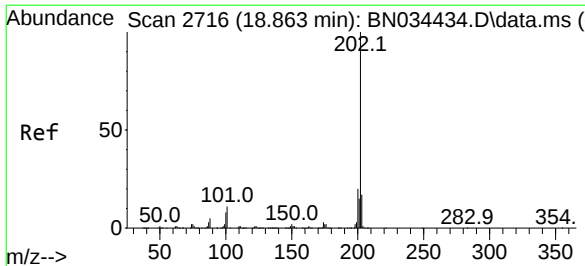
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Phenanthrene
Concen: 4.864 ng/u1
RT: 16.827 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034439.D
Acq: 07 Oct 2024 15:38

Tgt Ion:178 Resp: 234976
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 19.8 15.2 22.8





#80

Fluoranthene

Concen: 9.974 ng/u1

RT: 18.863 min Scan# 2716

Delta R.T. -0.006 min

Lab File: BN034439.D

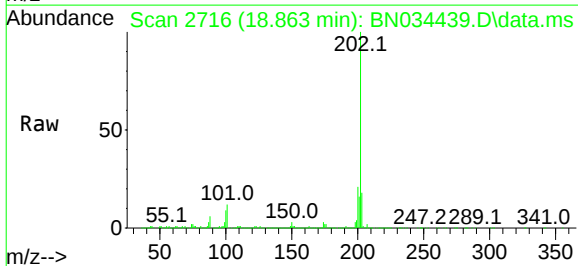
Acq: 07 Oct 2024 15:38

Instrument :

BNA_N

ClientSampleId :

A4EJ8



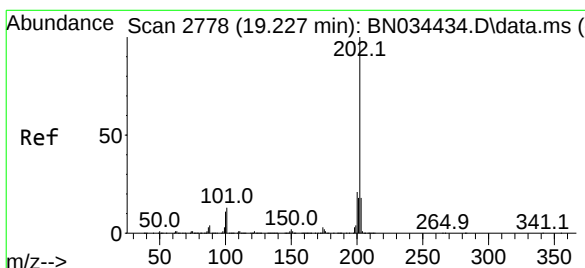
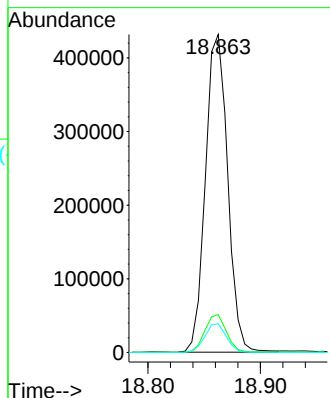
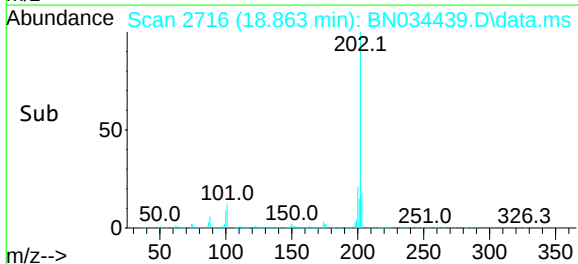
Tgt Ion:	202	Resp:	593310
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
100	9.1	7.7	11.5

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#82

Pyrene

Concen: 5.920 ng/u1

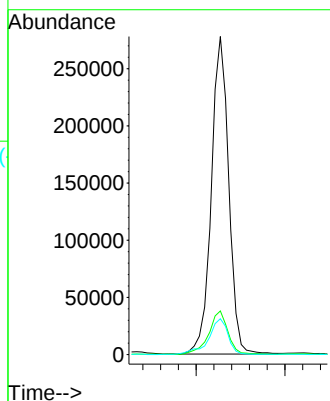
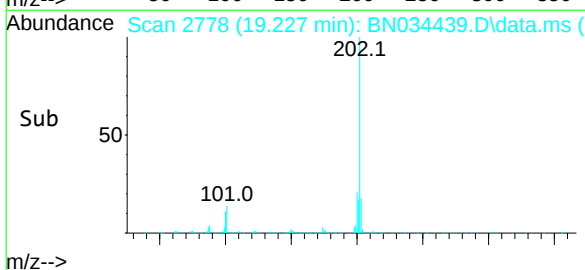
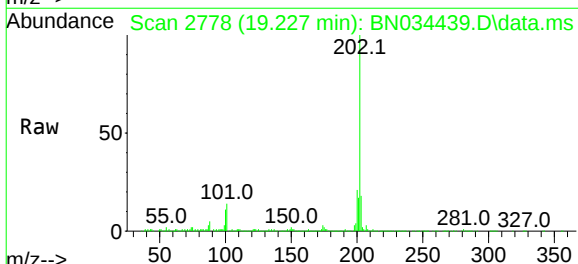
RT: 19.227 min Scan# 2778

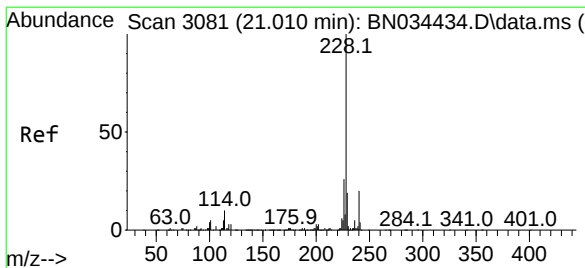
Delta R.T. -0.012 min

Lab File: BN034439.D

Acq: 07 Oct 2024 15:38

Tgt Ion:	202	Resp:	378625
Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.8	17.8
100	11.3	10.0	15.0





#85

Benzo(a)anthracene

Concen: 4.192 ng/u1

RT: 21.009 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BN034439.D

Acq: 07 Oct 2024 15:38

Instrument :

BNA_N

ClientSampleId :

A4EJ8

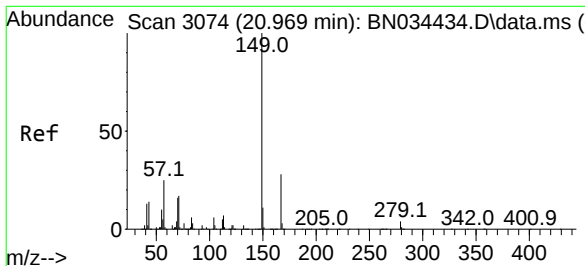
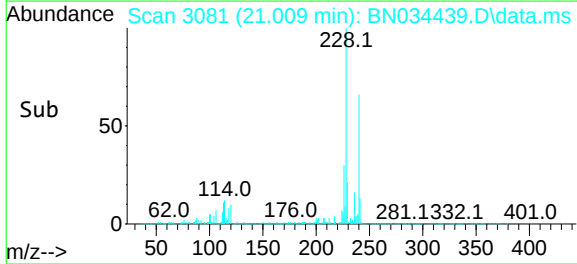
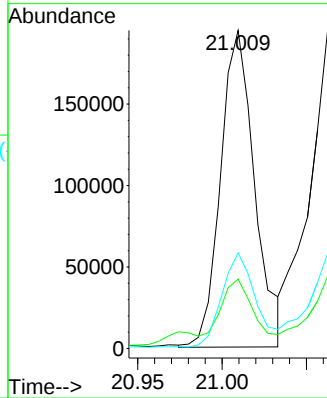
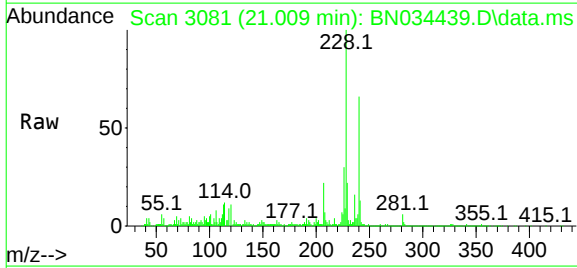
Tgt Ion:	228	Resp:	272951
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.0	22.6
226	30.1	20.2	30.4

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.582 ng/u1

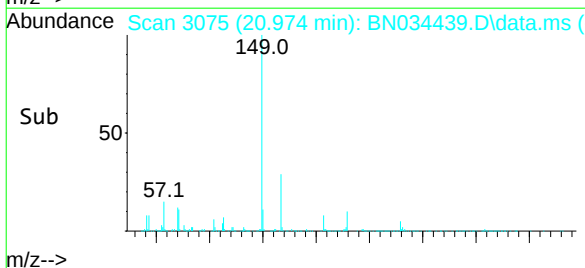
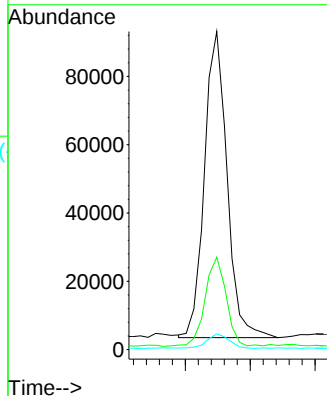
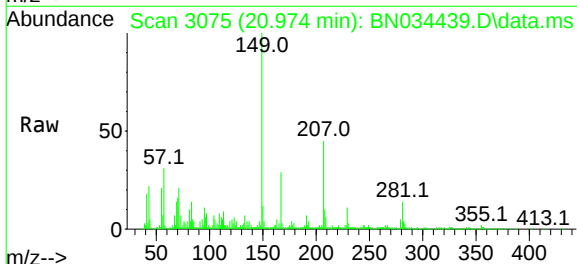
RT: 20.974 min Scan# 3075

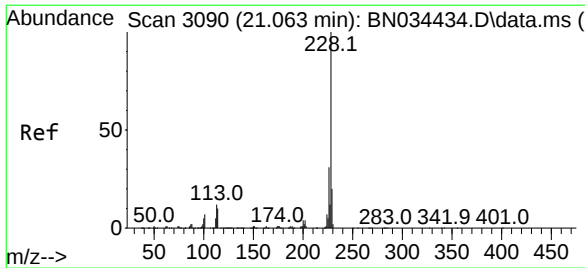
Delta R.T. -0.006 min

Lab File: BN034439.D

Acq: 07 Oct 2024 15:38

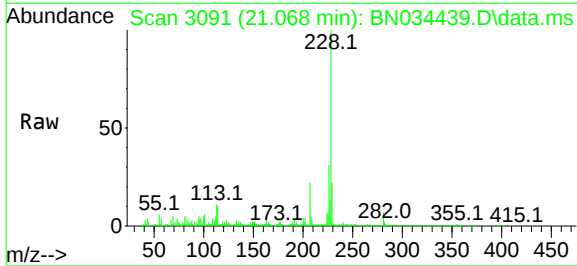
Tgt Ion:	149	Resp:	108380
Ion Ratio	Lower	Upper	
149	100		
167	29.1	20.6	31.0
279	4.9	3.0	4.6





#87
Chrysene
Concen: 5.154 ng/u1
RT: 21.068 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034439.D
Acq: 07 Oct 2024 15:38

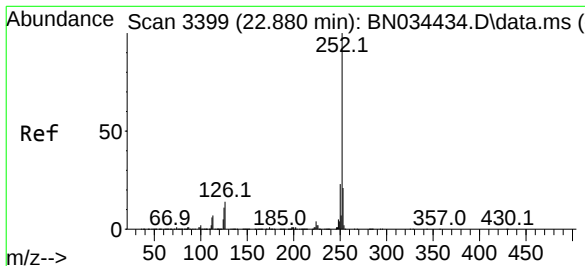
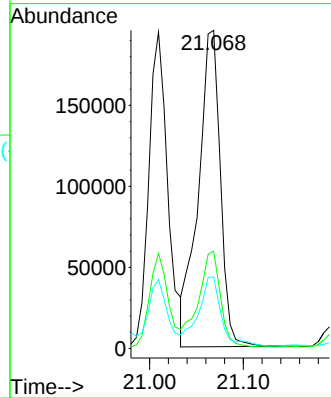
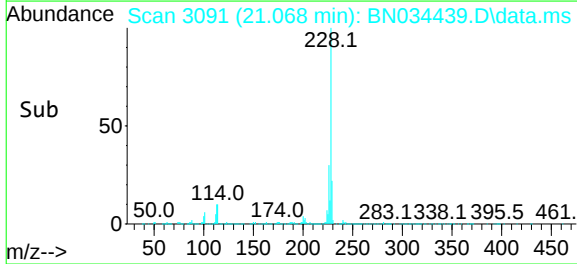
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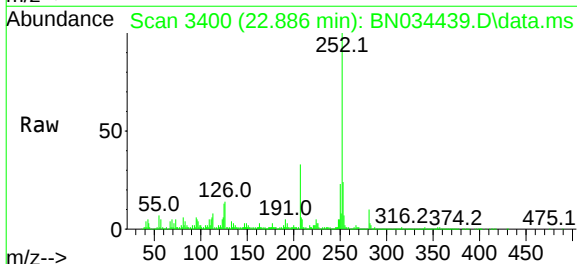
Tgt Ion:	228	Resp:	320193
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.5	33.7
229	22.5	15.8	23.6

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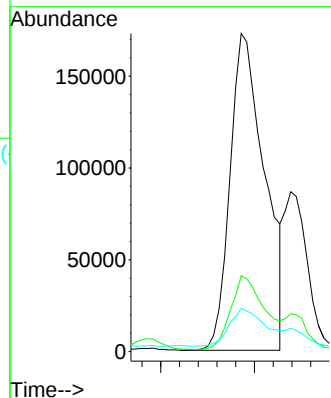
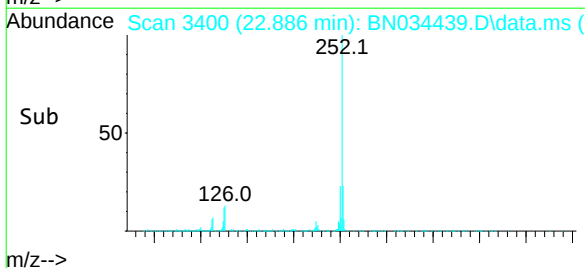
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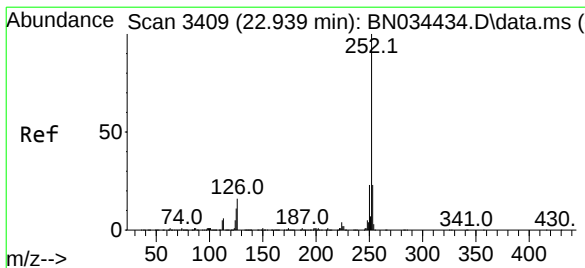


#90
Benzo(b)fluoranthene
Concen: 7.608 ng/u1
RT: 22.886 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BN034439.D
Acq: 07 Oct 2024 15:38



Tgt Ion:	252	Resp:	443466
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	13.5	9.1	13.7





#91

Benzo(k)fluoranthene

Concen: 2.498 ng/u1

RT: 22.939 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BN034439.D

Acq: 07 Oct 2024 15:38

Instrument :

BNA_N

ClientSampleId :

A4EJ8

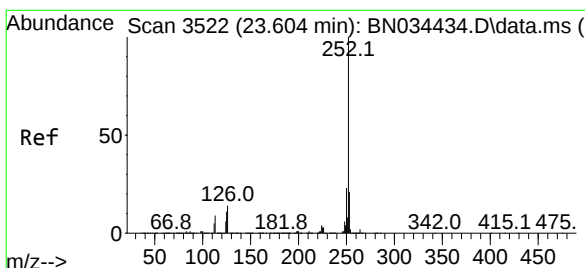
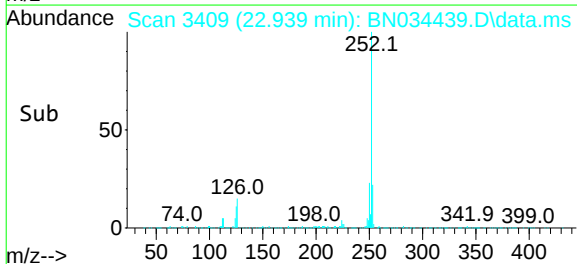
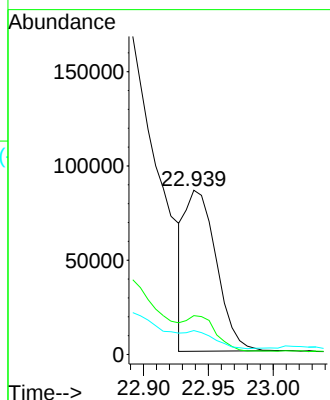
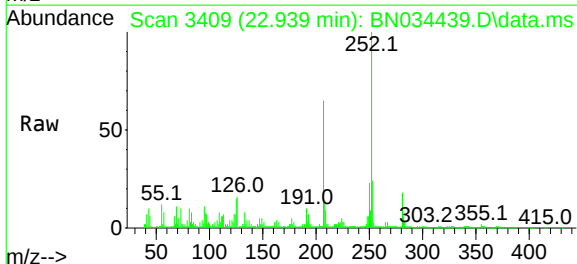
Tgt Ion:	252	Resp:	143630
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	14.6	8.8	13.2

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#93

Benzo(a)pyrene

Concen: 2.113 ng/u1

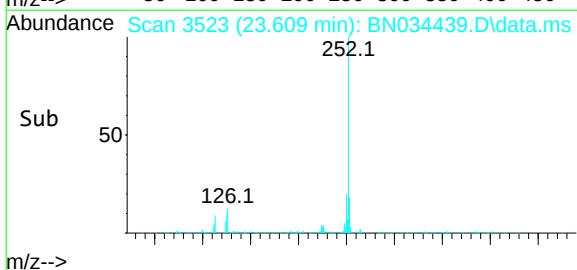
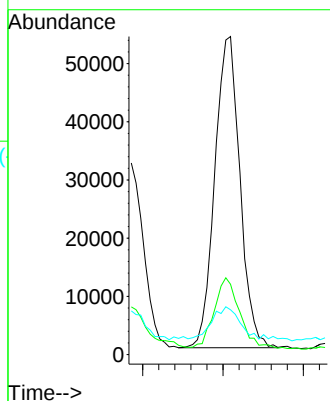
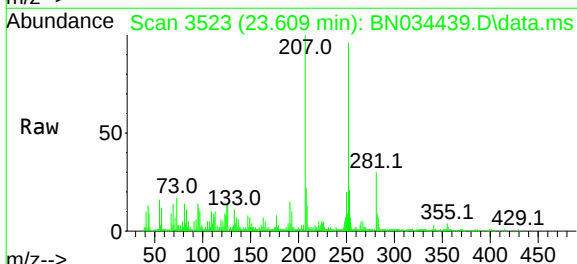
RT: 23.609 min Scan# 3523

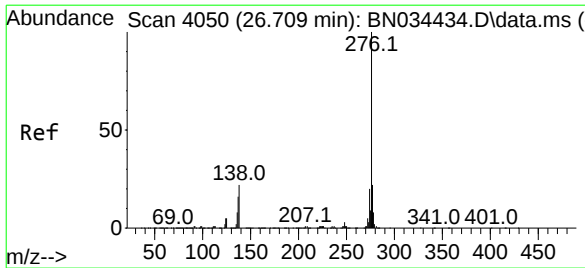
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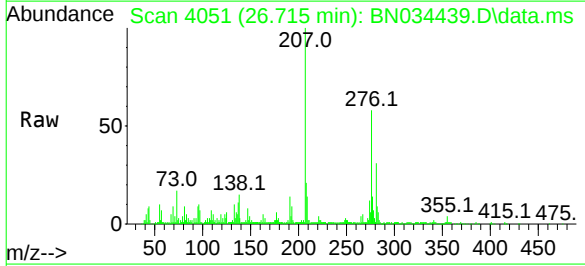
Tgt Ion:	252	Resp:	116340
Ion Ratio	Lower	Upper	
252	100		
253	22.1	15.8	23.8
125	14.1	9.0	13.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.767 ng/ul
RT: 26.715 min Scan# 4051
Delta R.T. -0.024 min
Lab File: BN034439.D
Acq: 07 Oct 2024 15:38

Instrument :
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ClientSampleId :
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Tgt Ion:	276	Resp:	120553
Ion	Ratio	Lower	Upper
276	100		
138	30.9	17.7	26.5
277	25.0	18.4	27.6

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