

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034446.D
 Acq On : 07 Oct 2024 20:13
 Operator : RC/JU
 Sample : P4109-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EX1

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 00:31:18 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	258335	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1034205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	655309	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	1323179	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	920362	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1049227	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	8325	1.315	ng/uL	0.00
4) Pyridine-d5	3.405	84	9651m	0.513	ng/ul	0.02
7) Phenol-d5	6.581	99	149111	6.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	98524	6.926	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	142559	7.899	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	96095	5.094	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	67228	8.156	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	71460	8.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	128665	8.060	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	20053m	0.830	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	440244	8.989	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	484272	8.790	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	34069m	3.390	ng/ul	0.00
60) Fluorene-d10	15.034	176	383932	9.250	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	37999	4.817	ng/ul	0.00
73) Anthracene-d10	16.887	188	567959	9.130	ng/ul	-0.01
81) Pyrene-d10	19.198	212	482029	9.400	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	276181	5.124	ng/ul	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.193	105	45273	1.515	ng/ul	99
72) Phenanthrene	16.828	178	526726	7.219	ng/ul	100
74) Anthracene	16.922	178	94922	1.274	ng/ul	98
80) Fluoranthene	18.863	202	1386139	23.122	ng/ul	98
82) Pyrene	19.228	202	858222	13.317	ng/ul	97
83) Butylbenzylphthalate	20.169	149	28999	1.003	ng/ul	99
85) Benzo(a)anthracene	21.010	228	498240	7.593	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.969	149	278056	6.573	ng/ul	98
87) Chrysene	21.063	228	643336	10.275	ng/ul	95
90) Benzo(b)fluoranthene	22.892	252	905837	14.160	ng/ul	98
91) Benzo(k)fluoranthene	22.945	252	294239	4.663	ng/ul	97
93) Benzo(a)pyrene	23.604	252	240897	3.986	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.721	276	286601	3.828	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	110460	1.825	ng/ul#	91

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

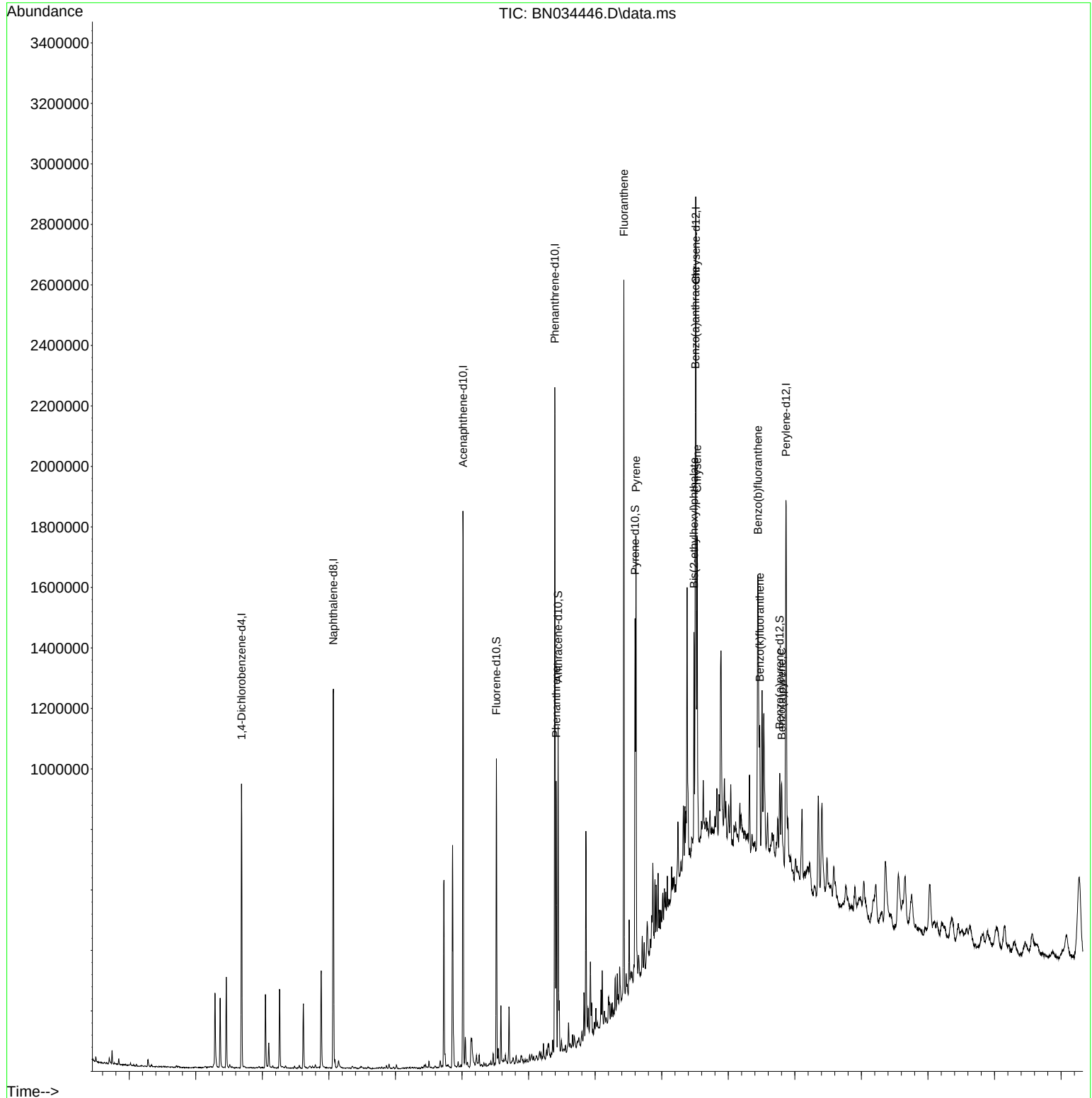
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

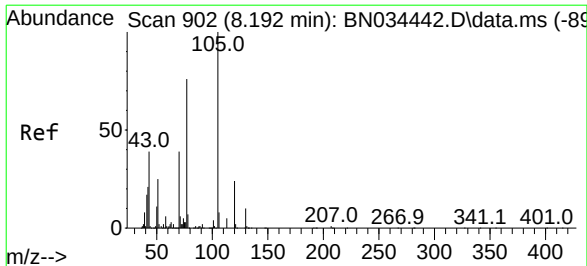
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#16

Acetophenone

Concen: 1.515 ng/u1

RT: 8.193 min Scan# 90

Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Instrument :

BNA_N

ClientSampleId :

A4EX1

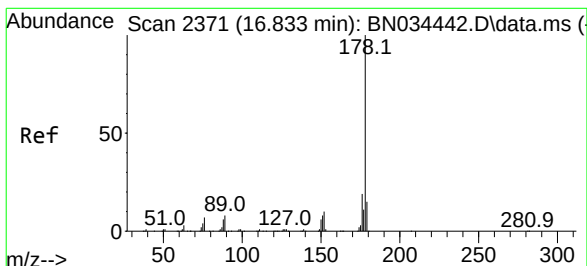
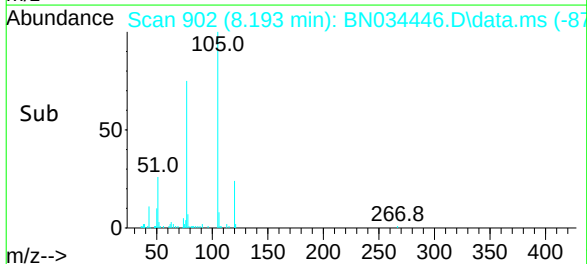
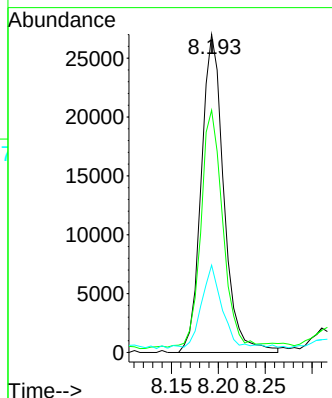
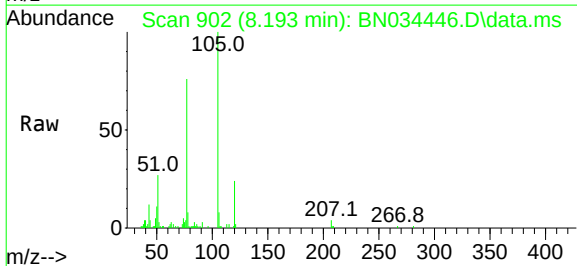
Tgt Ion:	105	Resp:	45273
Ion Ratio	Lower	Upper	
105	100		
77	76.2	61.1	91.7
51	27.4	22.6	33.8

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#72

Phenanthrene

Concen: 7.219 ng/u1

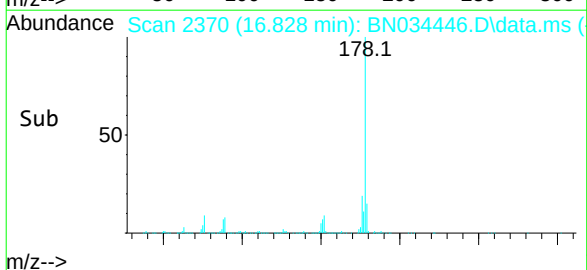
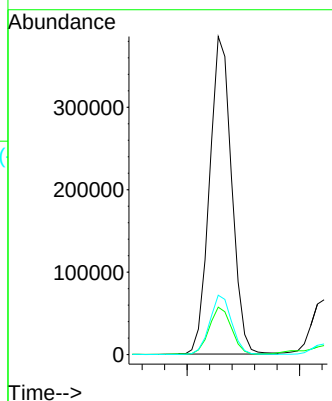
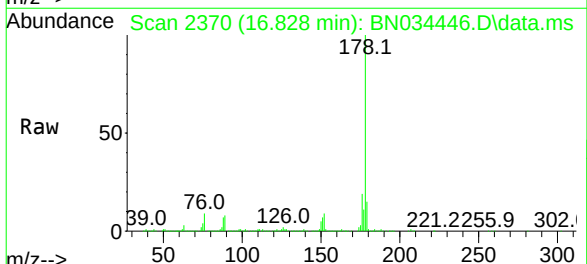
RT: 16.828 min Scan# 2370

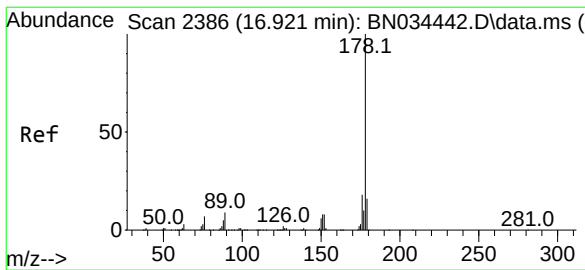
Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Tgt Ion:	178	Resp:	526726
Ion Ratio	Lower	Upper	
178	100		
179	14.9	11.9	17.9
176	18.7	15.2	22.8





#74

Anthracene

Concen: 1.274 ng/ul

RT: 16.922 min Scan# 2386

Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Instrument :

BNA_N

ClientSampleId :

A4EX1

Tgt Ion:178 Resp: 94922

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.2

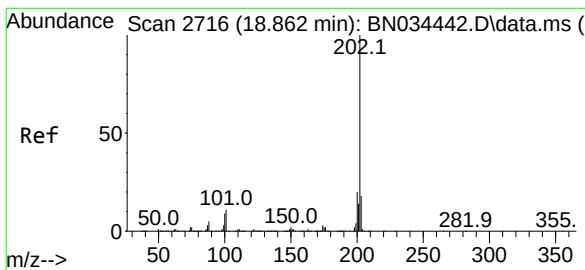
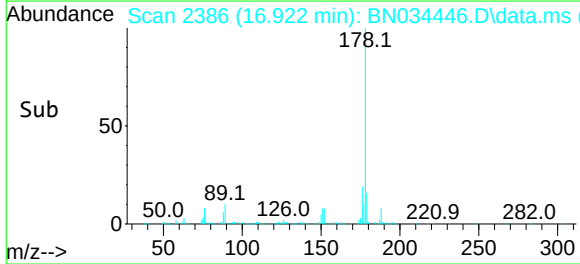
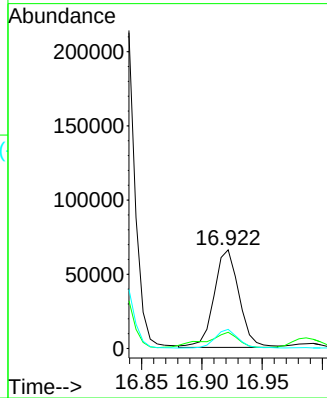
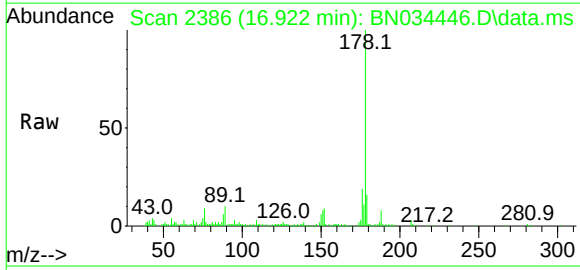
176 19.4 15.0 22.6

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#80

Fluoranthene

Concen: 23.122 ng/ul

RT: 18.863 min Scan# 2716

Delta R.T. -0.006 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

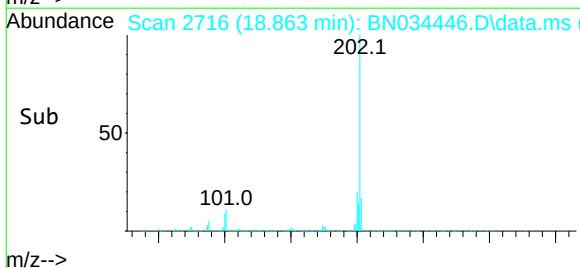
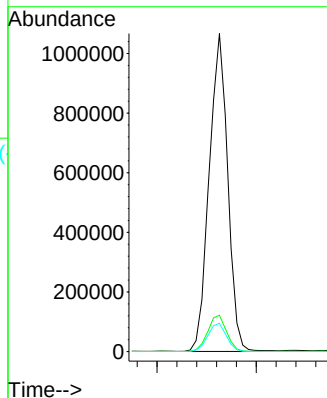
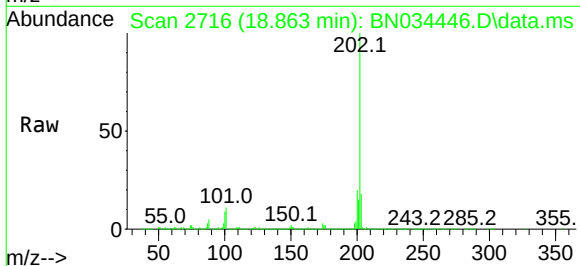
Tgt Ion:202 Resp: 1386139

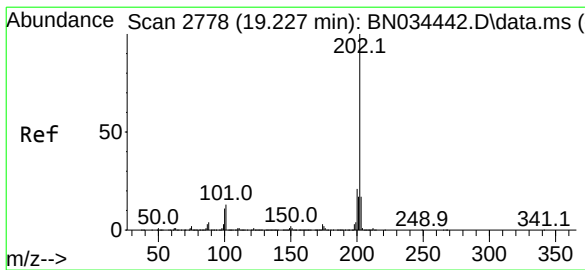
Ion Ratio Lower Upper

202 100

101 11.4 9.6 14.4

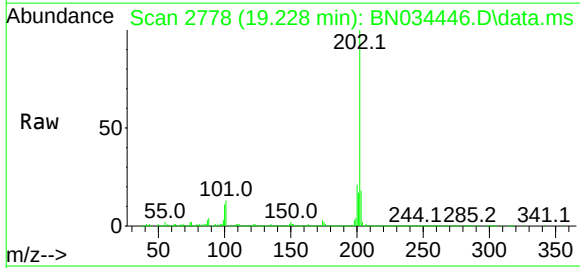
100 8.9 7.7 11.5





#82
 Pyrene
 Concen: 13.317 ng/ul
 RT: 19.228 min Scan# 2778
 Delta R.T. -0.012 min
 Lab File: BN034446.D
 Acq: 07 Oct 2024 20:13

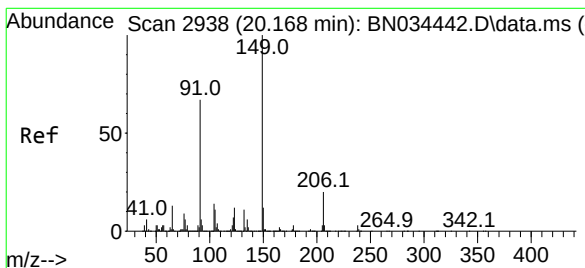
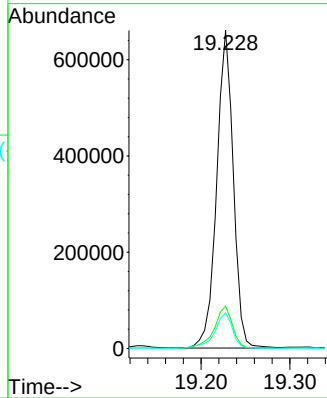
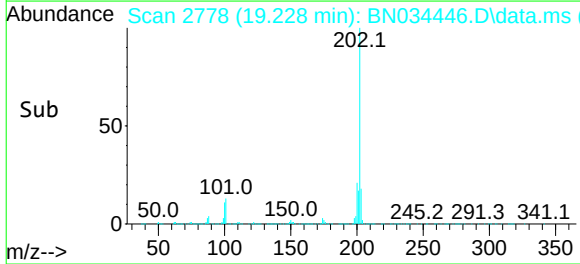
Instrument : BNA_N
 ClientSampleId : A4EX1



Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.8	17.8
100	11.2	10.0	15.0

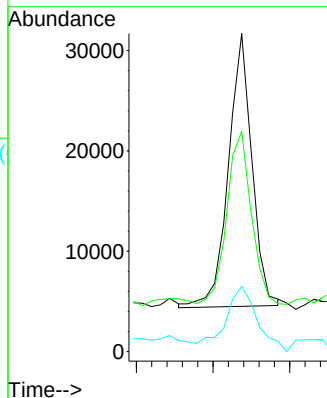
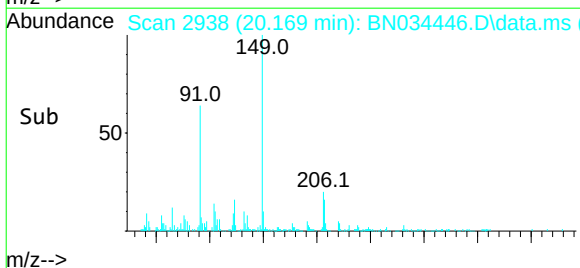
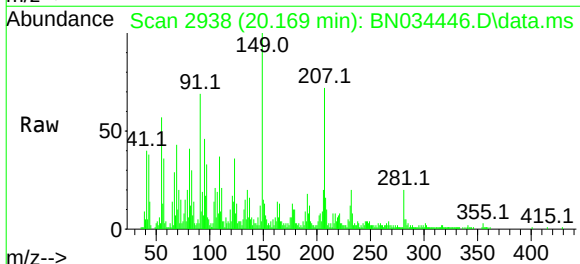
Manual Integrations
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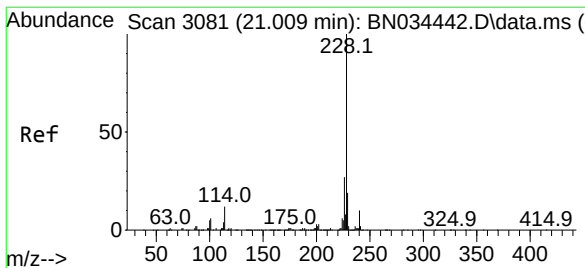
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024



#83
 Butylbenzylphthalate
 Concen: 1.003 ng/ul
 RT: 20.169 min Scan# 2938
 Delta R.T. -0.012 min
 Lab File: BN034446.D
 Acq: 07 Oct 2024 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.3	84.5
206	20.5	15.9	23.9





#85

Benzo(a)anthracene

Concen: 7.593 ng/ul

RT: 21.010 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Instrument :

BNA_N

ClientSampleId :

A4EX1

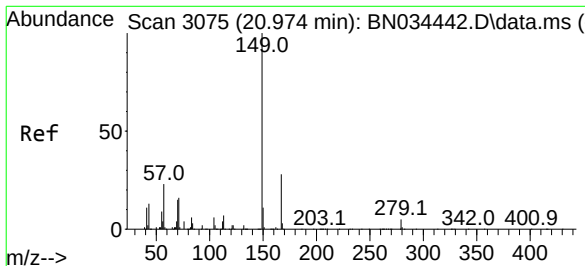
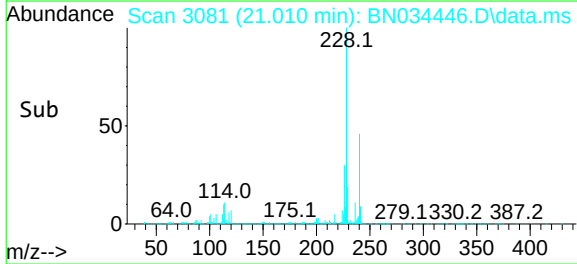
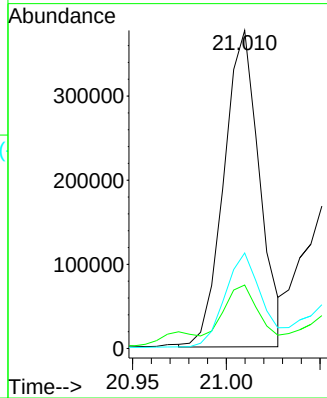
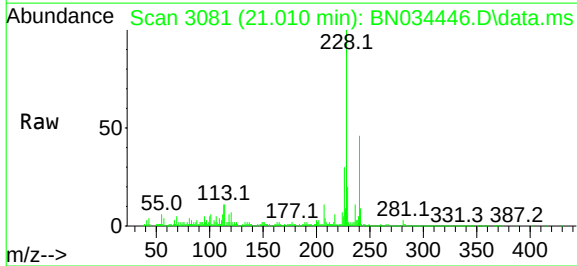
Tgt Ion:	228	Resp:	498240
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.6
226	30.0	20.2	30.4

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 6.573 ng/ul

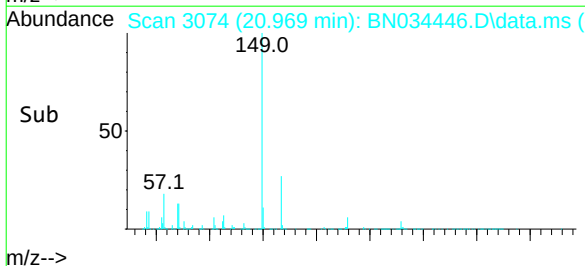
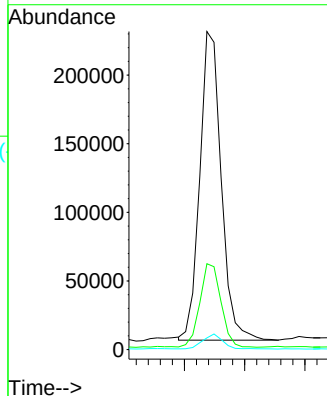
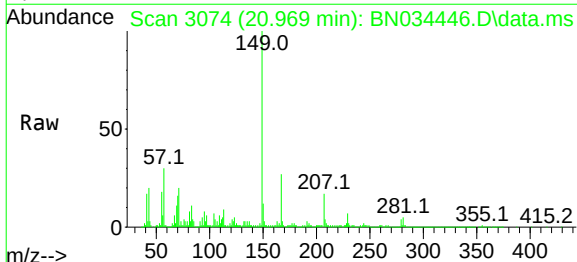
RT: 20.969 min Scan# 3074

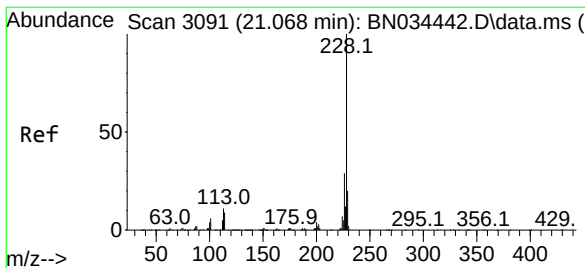
Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Tgt Ion:	149	Resp:	278056
Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.6	31.0
279	3.7	3.0	4.6





#87

Chrysene

Concen: 10.275 ng/u1

RT: 21.063 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Instrument :

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ClientSampleId :

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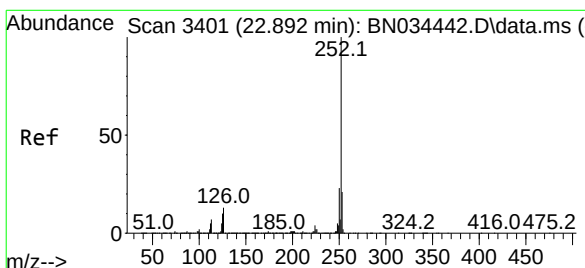
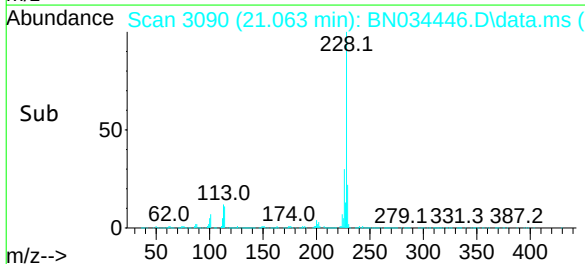
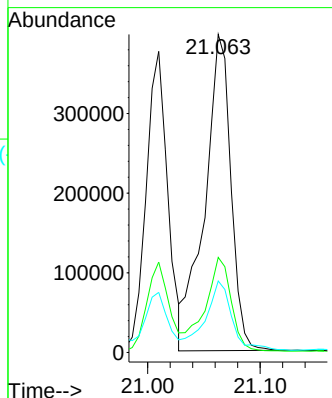
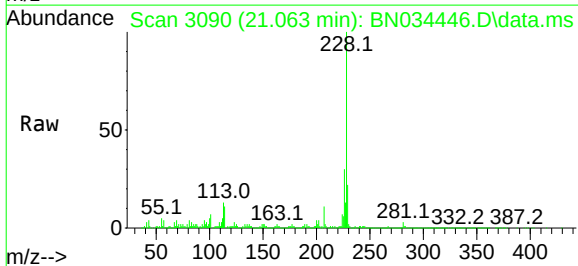
Tgt Ion:	228	Resp:	643336
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.5	33.7
229	22.5	15.8	23.6

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#90

Benzo(b)fluoranthene

Concen: 14.160 ng/u1

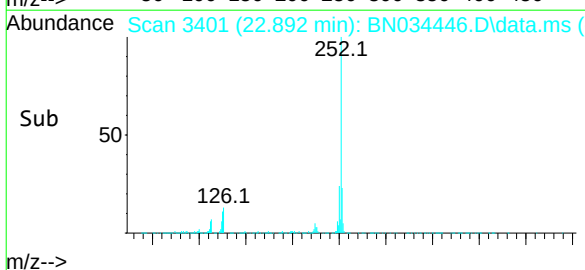
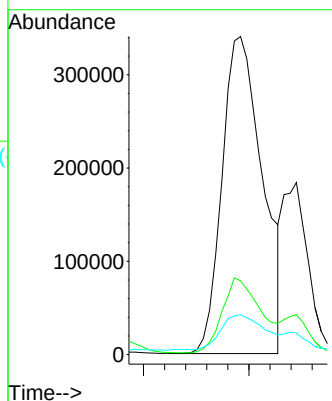
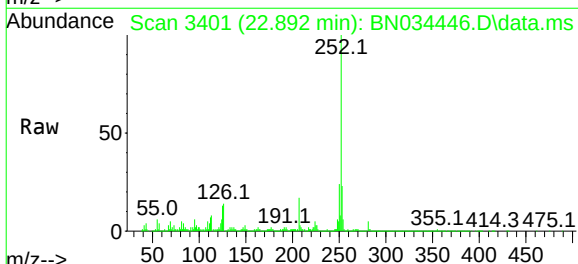
RT: 22.892 min Scan# 3401

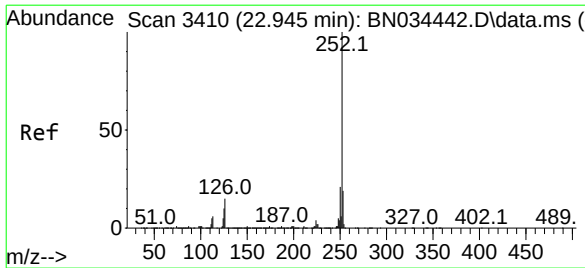
Delta R.T. 0.000 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Tgt Ion:	252	Resp:	905837
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.5	9.1	13.7





#91

Benzo(k)fluoranthene

Concen: 4.663 ng/u1

RT: 22.945 min Scan# 3410

Delta R.T. 0.000 min

Lab File: BN034446.D

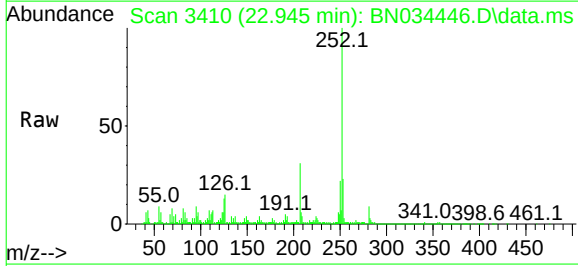
Acq: 07 Oct 2024 20:13

Instrument :

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Tgt Ion:252 Resp: 294239

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

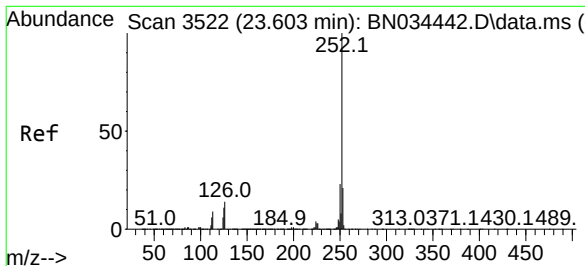
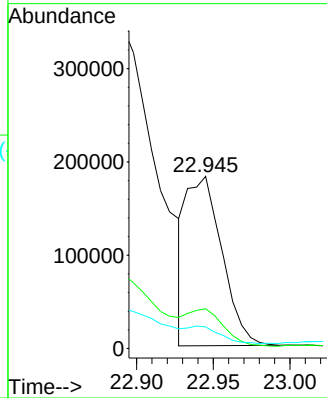
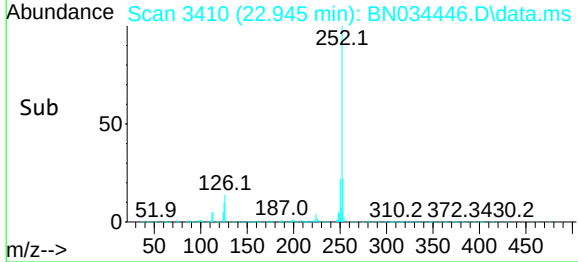
125 12.6 8.8 13.2

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#93

Benzo(a)pyrene

Concen: 3.986 ng/u1

RT: 23.604 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

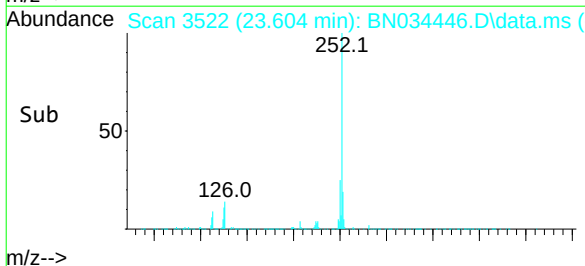
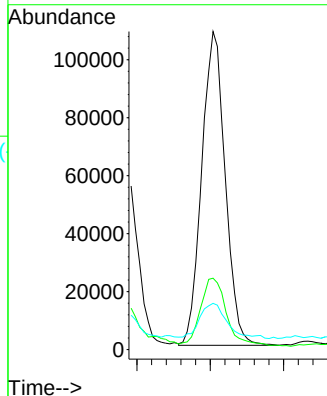
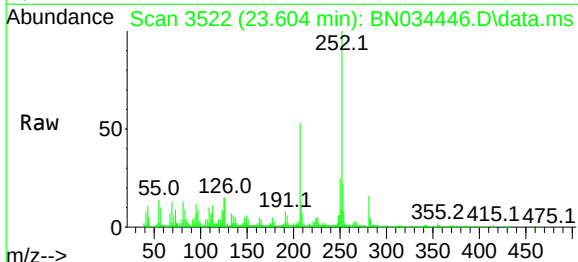
Tgt Ion:252 Resp: 240897

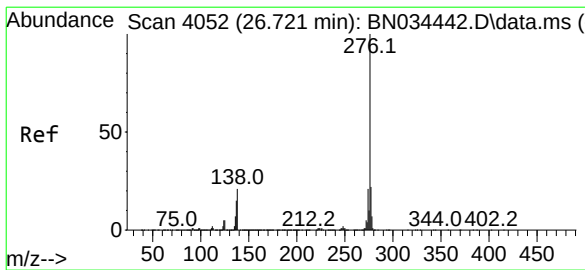
Ion Ratio Lower Upper

252 100

253 22.4 15.8 23.8

125 14.5 9.0 13.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.828 ng/ul

RT: 26.721 min Scan# 4052

Delta R.T. -0.018 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Instrument :

BNA_N

ClientSampleId :

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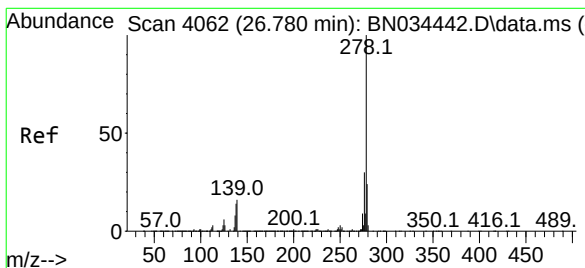
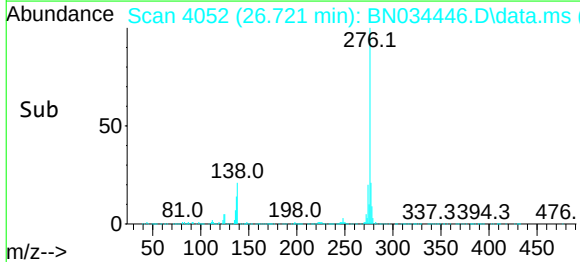
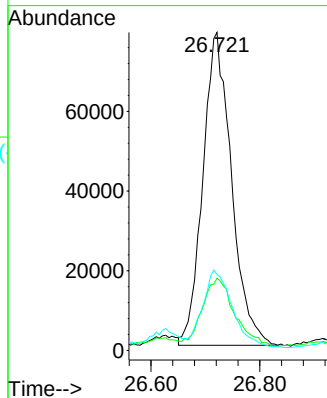
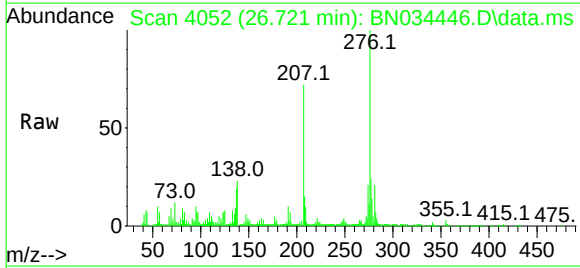
Tgt Ion:	276	Resp:	286601
Ion Ratio	Lower	Upper	
276	100		
138	22.7	17.7	26.5
277	23.9	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.825 ng/ul

RT: 26.768 min Scan# 4060

Delta R.T. -0.023 min

Lab File: BN034446.D

Acq: 07 Oct 2024 20:13

Tgt Ion:	278	Resp:	110460
Ion Ratio	Lower	Upper	
278	100		
139	21.1	14.2	21.2
279	27.6	18.1	27.1

