

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034450.D
 Acq On : 07 Oct 2024 22:51
 Operator : RC/JU
 Sample : P4131-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EX8

Quant Time: Oct 08 00:56:08 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

Manual Integrations APPROVED

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

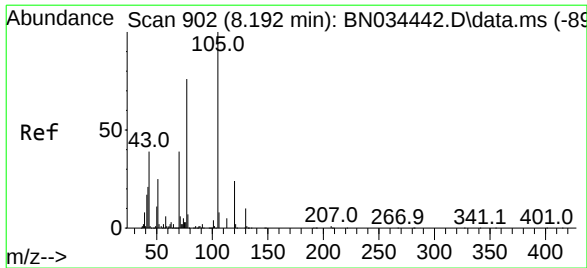
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	282196	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1138073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	679310	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	1225245	20.000	ng/ul	-0.01
79) Chrysene-d12	21.028	240	955576	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1167803	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	10251	1.482	ng/uL	0.00
4) Pyridine-d5	3.405	84	9483m	0.461	ng/ul	0.02
7) Phenol-d5	6.581	99	181913	7.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	123133	7.924	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	177475	9.002	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	140423	6.814	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	83627	9.219	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	90041	9.653	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	158796	9.039	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	67433	2.536	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	503576	9.919	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	573603	10.043	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	30895m	2.965	ng/ul	0.00
60) Fluorene-d10	15.034	176	426842	9.921	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	32942	4.509	ng/ul	0.00
73) Anthracene-d10	16.887	188	580840	10.083	ng/ul	-0.01
81) Pyrene-d10	19.198	212	461180	8.662	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	340602	5.678	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.193	105	33267	1.019	ng/ul	97
72) Phenanthrene	16.828	178	391619	5.797	ng/ul	99
74) Anthracene	16.922	178	73817	1.070	ng/ul	97
80) Fluoranthene	18.863	202	936153	15.040	ng/ul	98
82) Pyrene	19.228	202	566930	8.473	ng/ul	95
85) Benzo(a)anthracene	21.010	228	377177	5.536	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	20.975	149	199624	4.545	ng/ul#	98
87) Chrysene	21.063	228	462703	7.118	ng/ul	95
90) Benzo(b)fluoranthene	22.886	252	712915	10.013	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	230372	3.280	ng/ul	99
93) Benzo(a)pyrene	23.604	252	190253	2.829	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.715	276	220470	2.646	ng/ul	96
95) Dibenzo(a,h)anthracene	26.763	278	86996	1.291	ng/ul#	93

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

Manual Integrations

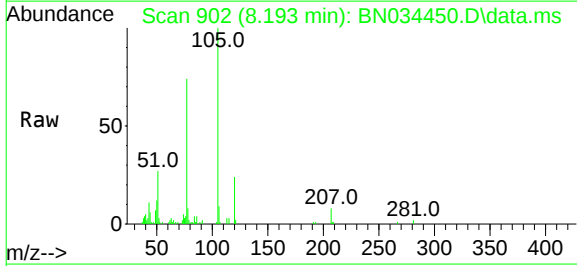
Quant Time: Oct 08 00:56:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.019 ng/ul
RT: 8.193 min Scan# 90
Delta R.T. -0.012 min
Lab File: BN034450.D
Acq: 07 Oct 2024 22:51

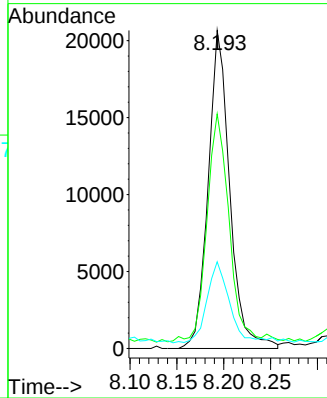
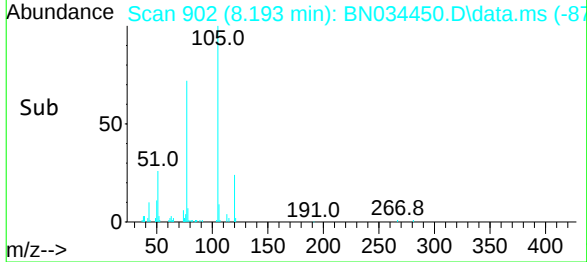
Instrument :
BNA_N
ClientSampleId :
A4EX8



Tgt Ion:	105	Resp:	33267
Ion Ratio	Lower	Upper	
105	100		
77	73.8	61.1	91.7
51	27.3	22.6	33.8

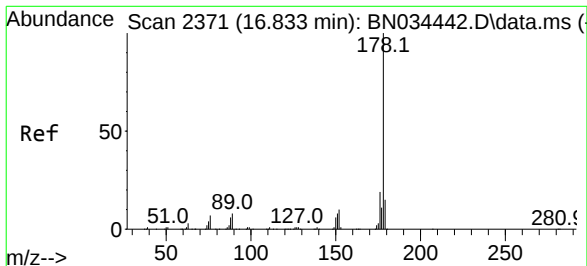
Manual Integrations
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Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



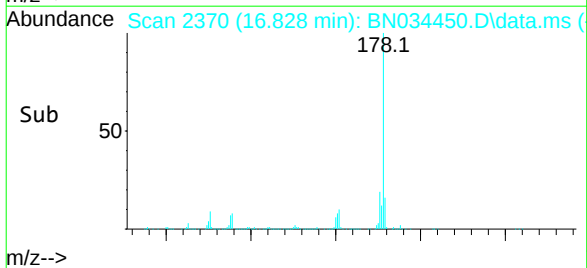
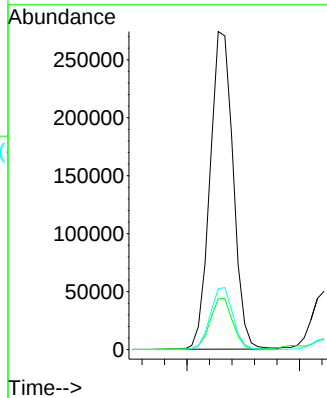
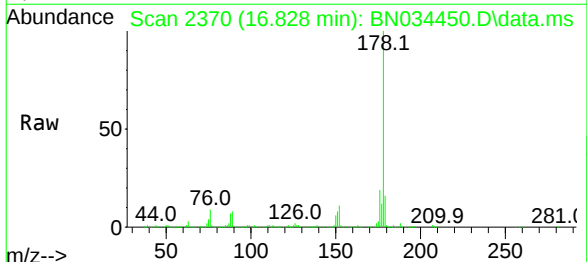
10/08/2024
Supervised By :mohammad
ahmed

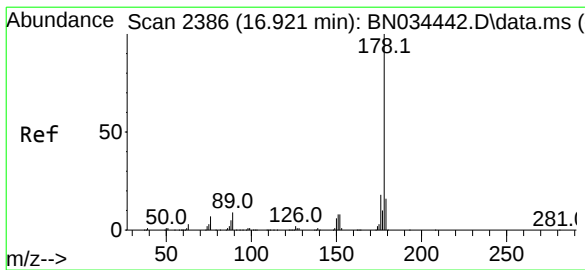
10/09/2024



#72
Phenanthrene
Concen: 5.797 ng/ul
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034450.D
Acq: 07 Oct 2024 22:51

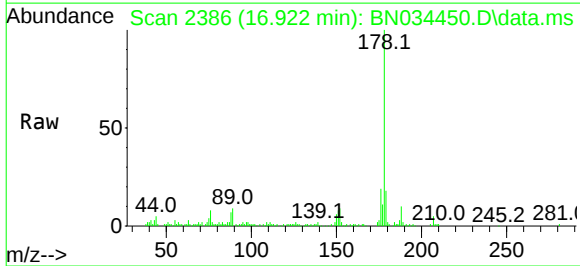
Tgt Ion:	178	Resp:	391619
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.9	17.9
176	19.1	15.2	22.8





#74
 Anthracene
 Concen: 1.070 ng/ul
 RT: 16.922 min Scan# 2386
 Delta R.T. -0.012 min
 Lab File: BN034450.D
 Acq: 07 Oct 2024 22:51

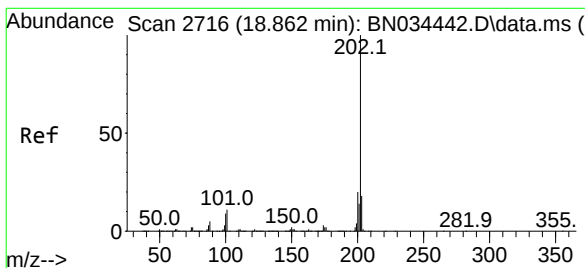
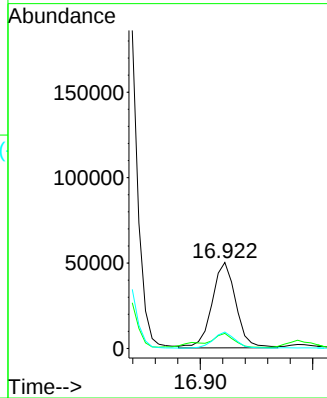
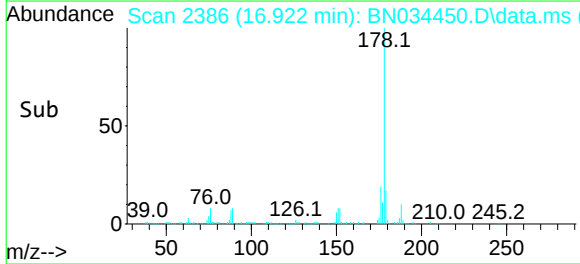
Instrument : BNA_N
 ClientSampleId : A4EX8



Tgt Ion:	178	Resp:	73817
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.2	18.2
176	19.1	15.0	22.6

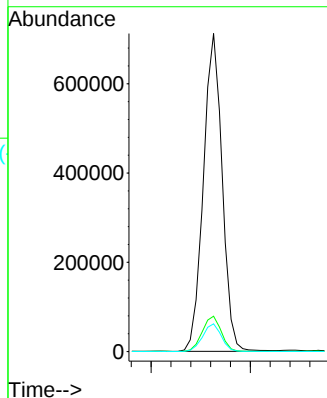
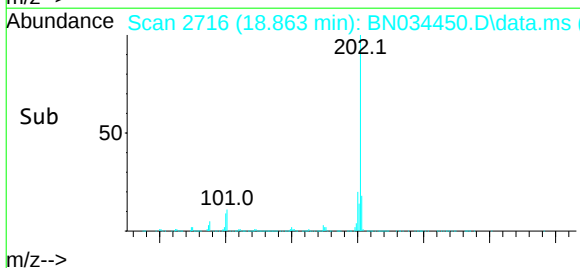
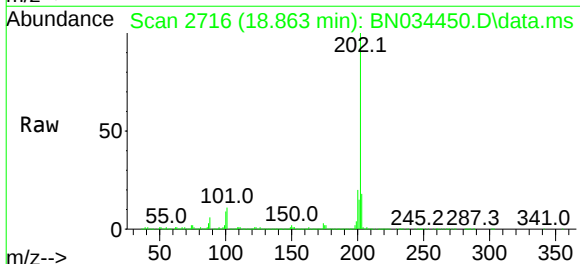
Manual Integrations
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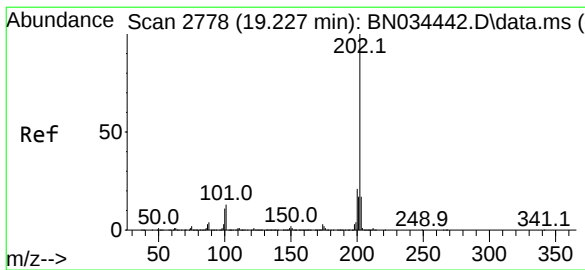
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024



#80
 Fluoranthene
 Concen: 15.040 ng/ul
 RT: 18.863 min Scan# 2716
 Delta R.T. -0.006 min
 Lab File: BN034450.D
 Acq: 07 Oct 2024 22:51

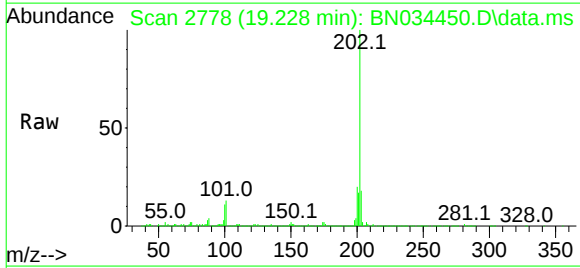
Tgt Ion:	202	Resp:	936153
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.6	14.4
100	8.7	7.7	11.5





#82
 Pyrene
 Concen: 8.473 ng/u1
 RT: 19.228 min Scan# 2778
 Delta R.T. -0.012 min
 Lab File: BN034450.D
 Acq: 07 Oct 2024 22:51

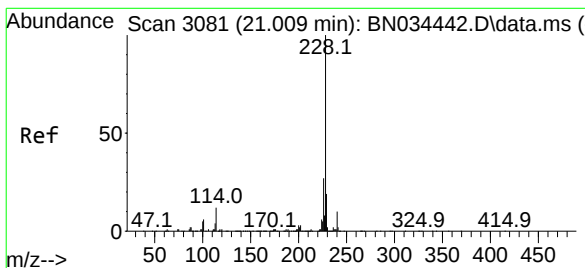
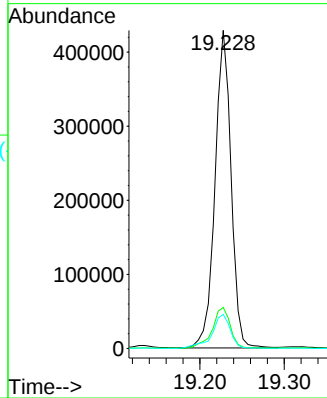
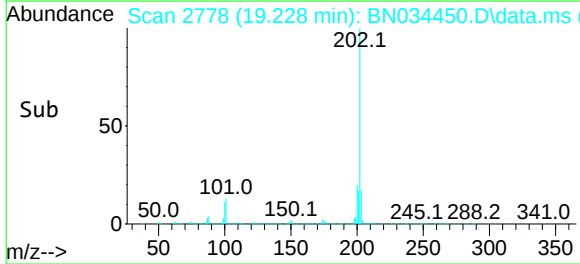
Instrument : BNA_N
 ClientSampleId : A4EX8



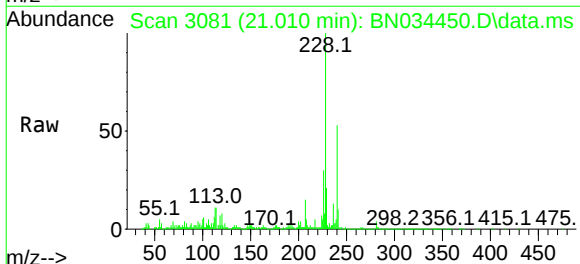
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.8	17.8
100	10.7	10.0	15.0

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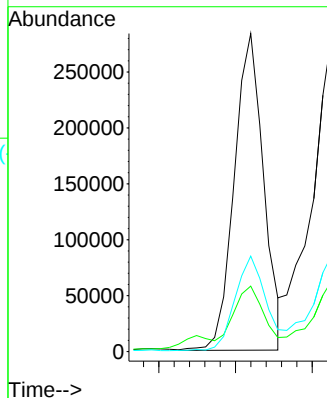
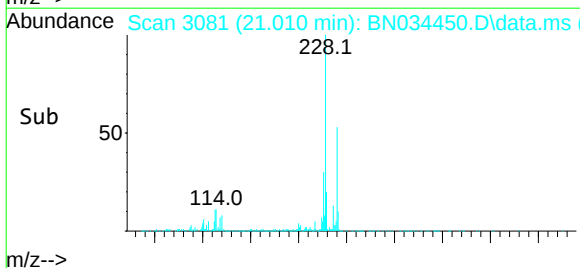
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

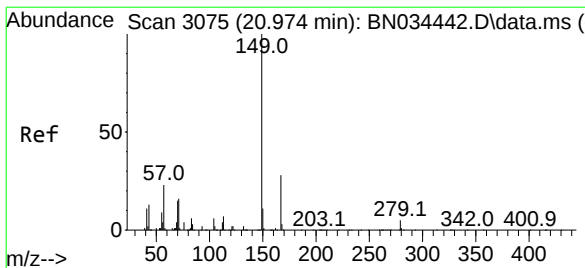


#85
 Benzo(a)anthracene
 Concen: 5.536 ng/u1
 RT: 21.010 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BN034450.D
 Acq: 07 Oct 2024 22:51



Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.0	22.6
226	30.0	20.2	30.4





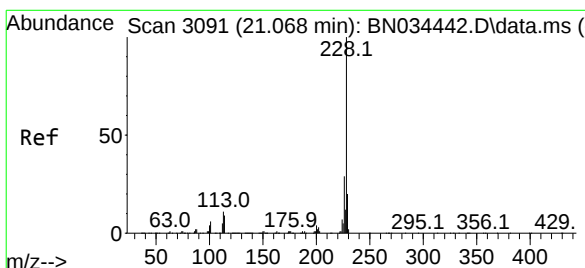
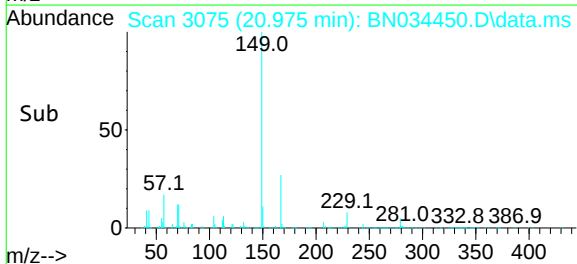
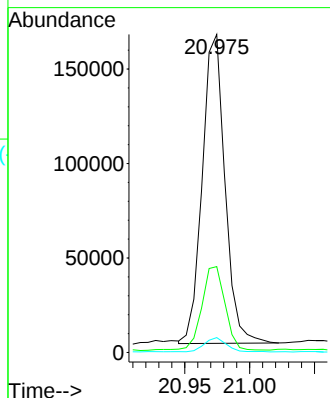
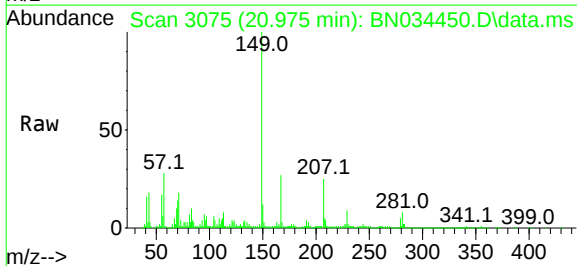
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.545 ng/ul
RT: 20.975 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BN034450.D
Acq: 07 Oct 2024 22:51

Instrument :
BNA_N
ClientSampleId :
A4EX8

Tgt Ion:149 Resp: 199624
Ion Ratio Lower Upper
149 100
167 27.0 20.6 31.0
279 4.7 3.0 4.6#

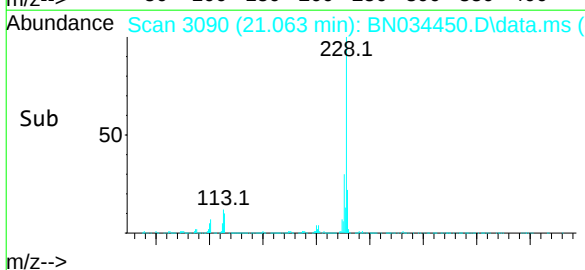
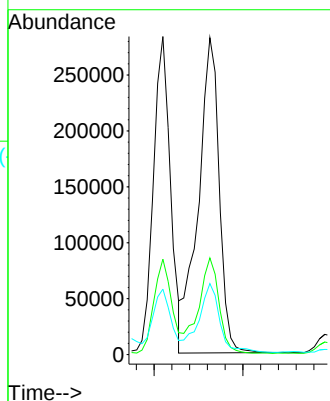
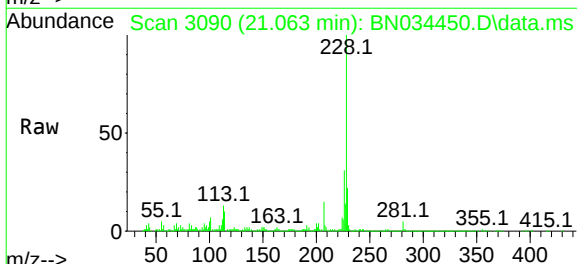
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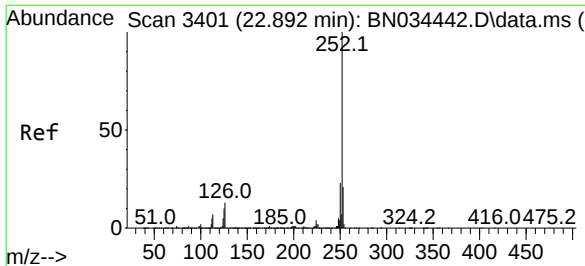
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#87
Chrysene
Concen: 7.118 ng/ul
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BN034450.D
Acq: 07 Oct 2024 22:51

Tgt Ion:228 Resp: 462703
Ion Ratio Lower Upper
228 100
226 30.5 22.5 33.7
229 22.4 15.8 23.6





#90

Benzo(b)fluoranthene

Concen: 10.013 ng/u1

RT: 22.886 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BN034450.D

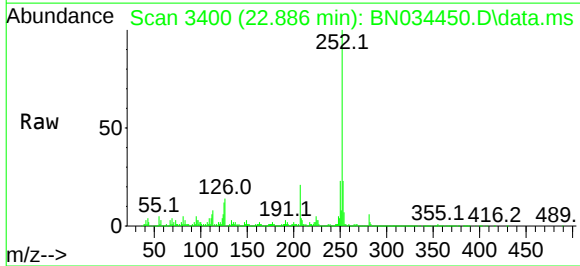
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Instrument :

BNA_N

ClientSampleId :

A4EX8



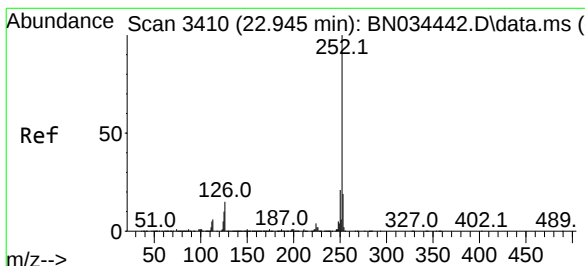
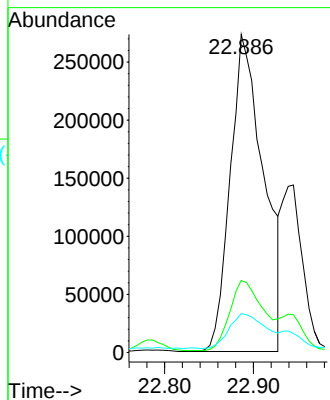
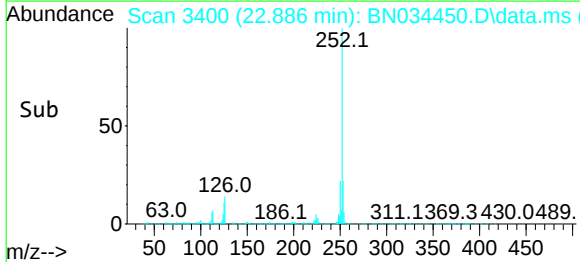
Tgt Ion:	252	Resp:	712915
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	12.2	9.1	13.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#91

Benzo(k)fluoranthene

Concen: 3.280 ng/u1

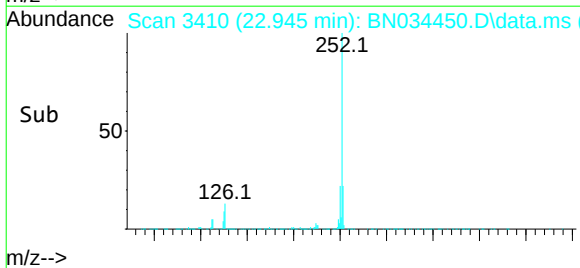
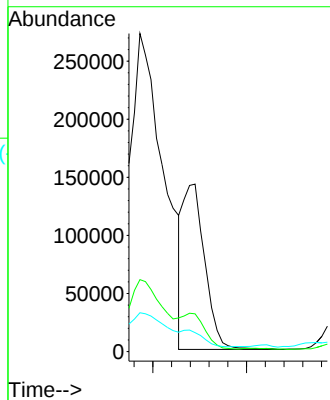
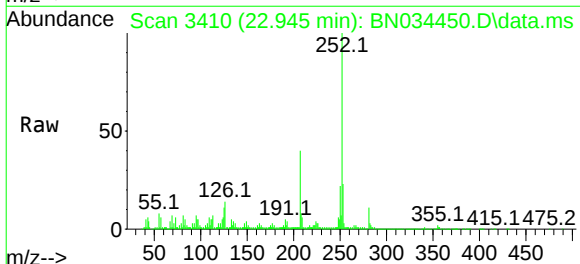
RT: 22.945 min Scan# 3410

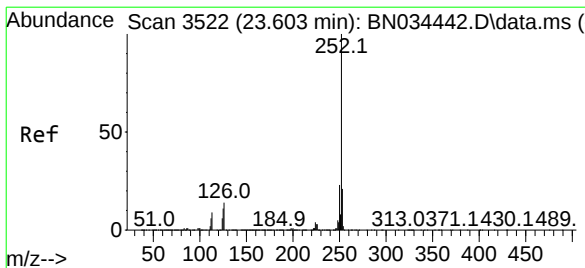
Delta R.T. 0.000 min

Lab File: BN034450.D

Acq: 07 Oct 2024 22:51

Tgt Ion:	252	Resp:	230372
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	11.3	8.8	13.2





#93

Benzo(a)pyrene

Concen: 2.829 ng/ul

RT: 23.604 min Scan# 35

Delta R.T. -0.012 min

Lab File: BN034450.D

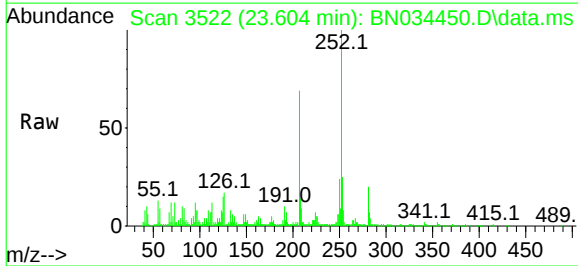
Acq: 07 Oct 2024 22:51

Instrument :

BNA_N

ClientSampleId :

A4EX8



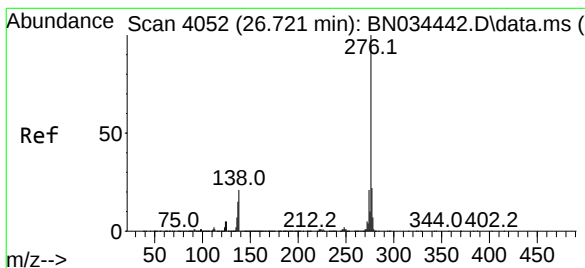
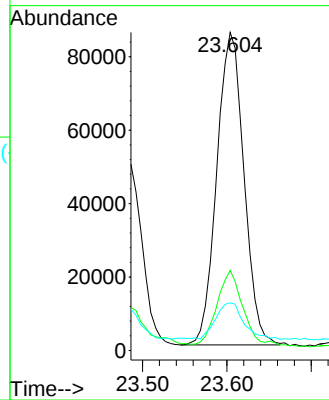
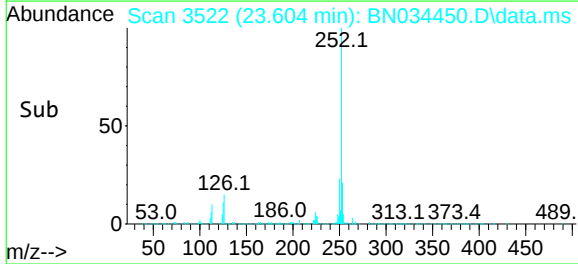
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	15.8	23.8
125	15.0	9.0	13.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.646 ng/ul

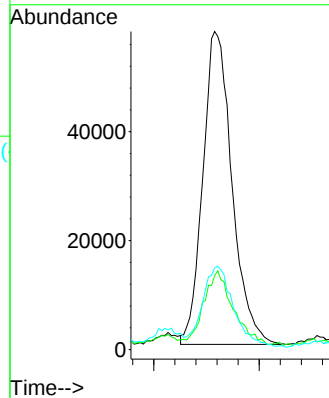
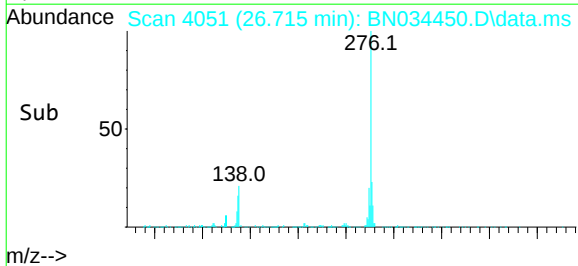
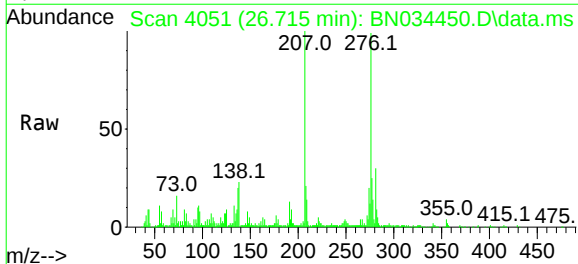
RT: 26.715 min Scan# 4051

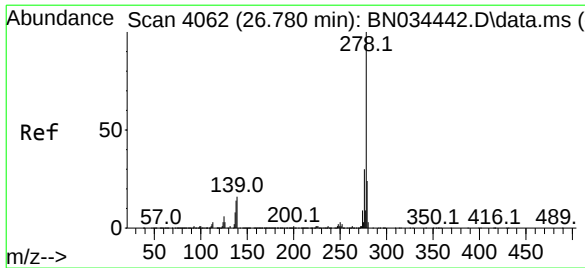
Delta R.T. -0.023 min

Lab File: BN034450.D

Acq: 07 Oct 2024 22:51

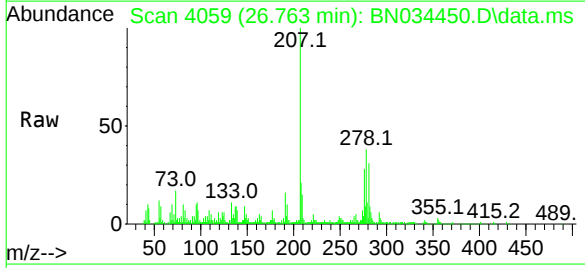
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.7	26.5
277	25.7	18.4	27.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.291 ng/ul
 RT: 26.763 min Scan# 4062
 Delta R.T. -0.029 min
 Lab File: BN034450.D
 Acq: 07 Oct 2024 22:51

Instrument :
 BNA_N
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 A4EX8



Tgt	Ion:278	Resp:	86996
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.2	21.2
279	28.4	18.1	27.1#

Manual Integrations
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