

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034451.D
 Acq On : 07 Oct 2024 23:30
 Operator : RC/JU
 Sample : P4131-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EW8

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 01:02:25 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	276075	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1109404	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	644884	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.792	188	1149363	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	964441	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1173059	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	8057	1.191	ng/uL	0.00
4) Pyridine-d5	3.405	84	10960m	0.545	ng/ul	0.02
7) Phenol-d5	6.581	99	146827	5.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	98331	6.468	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	137527	7.131	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	80243	3.980	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	66918	7.568	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	72607	7.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	126814	7.405	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	44994	1.736	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	392108	8.136	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	434245	8.009	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	30378m	3.071	ng/ul	0.00
60) Fluorene-d10	15.034	176	321740	7.877	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	23597	3.443	ng/ul	0.00
73) Anthracene-d10	16.886	188	439595	8.135	ng/ul	-0.01
81) Pyrene-d10	19.198	212	369337	6.873	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	271898	4.512	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	16.828	178	231774	3.657	ng/ul	98
80) Fluoranthene	18.863	202	549483	8.747	ng/ul	97
82) Pyrene	19.227	202	336516	4.983	ng/ul	95
85) Benzo(a)anthracene	21.010	228	226062	3.288	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.974	149	97798	2.206	ng/ul	98
87) Chrysene	21.063	228	294589	4.490	ng/ul	98
90) Benzo(b)fluoranthene	22.892	252	425786	5.953	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	170347m	2.414	ng/ul	
93) Benzo(a)pyrene	23.604	252	115862	1.715	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.721	276	136314	1.628	ng/ul	99

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

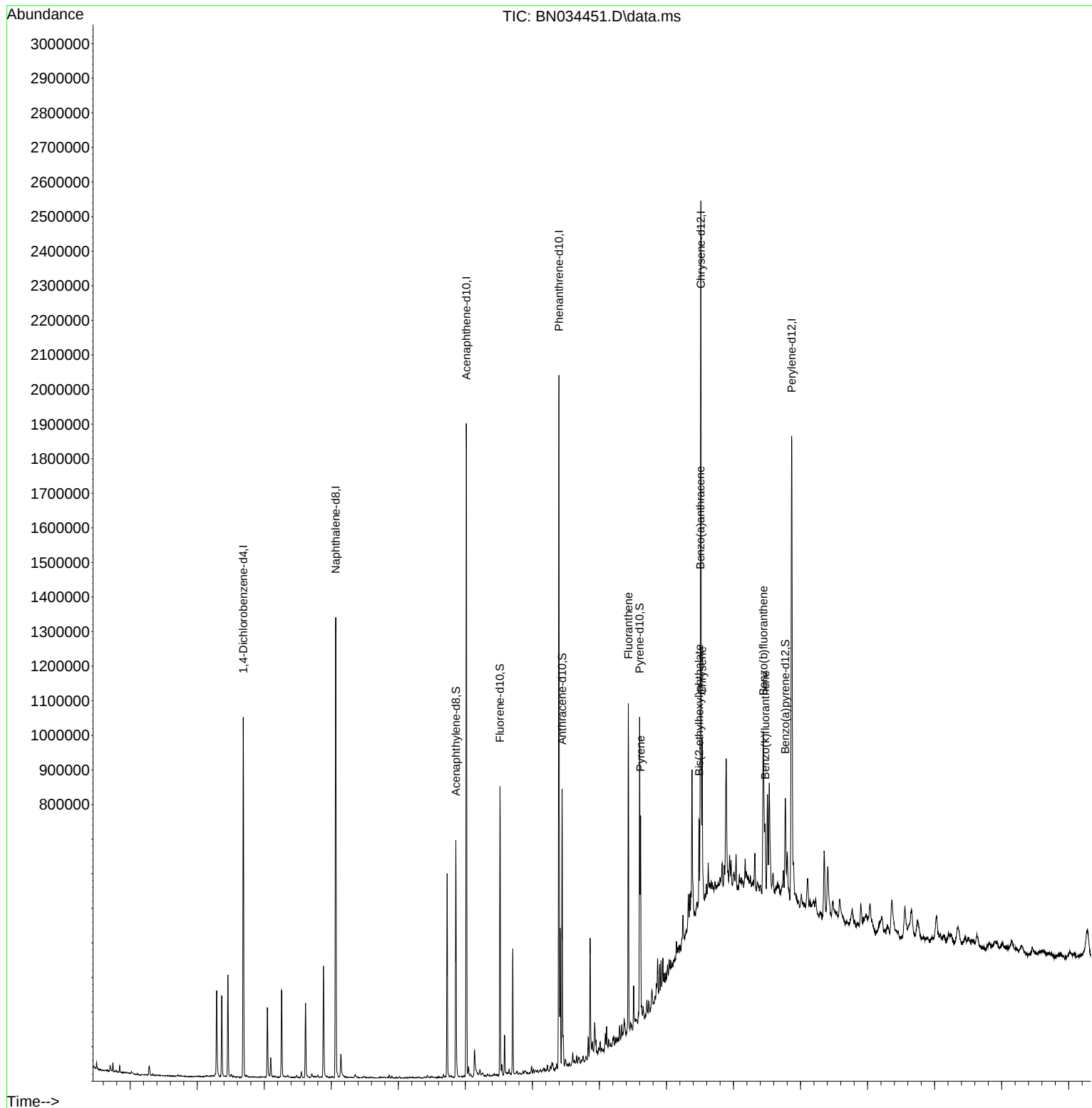
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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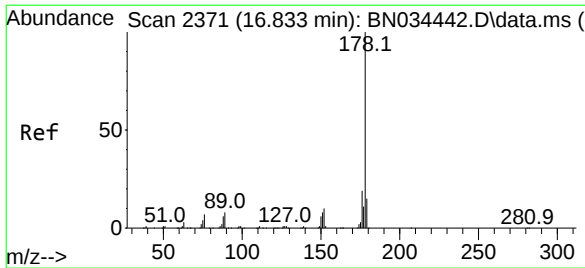
Instrument :
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#72

Phenanthrene

Concen: 3.657 ng/u1

RT: 16.828 min Scan# 2371

Delta R.T. -0.012 min

Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

Instrument :

BNA_N

ClientSampleId :

A4EW8

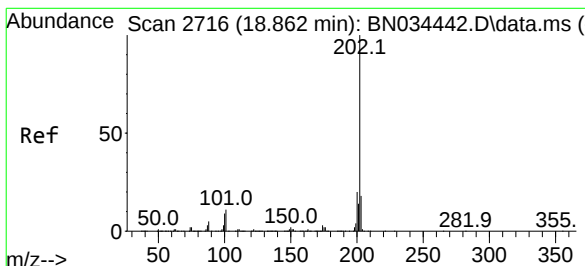
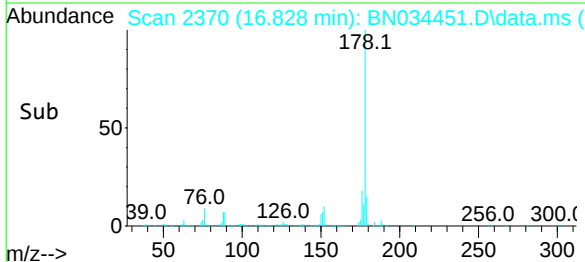
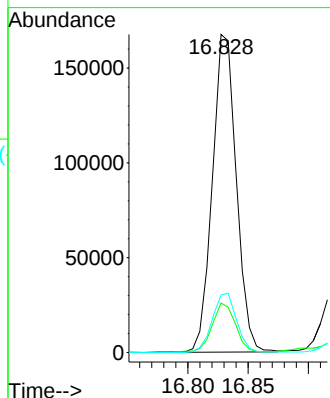
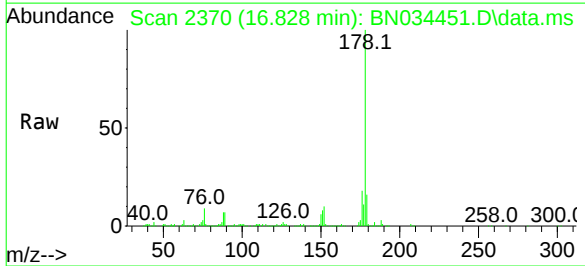
Tgt Ion:	178	Resp:	231774
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.9	17.9
176	18.1	15.2	22.8

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#80

Fluoranthene

Concen: 8.747 ng/u1

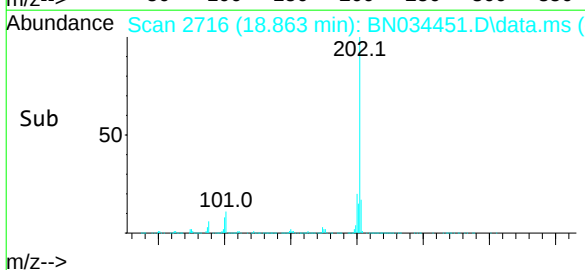
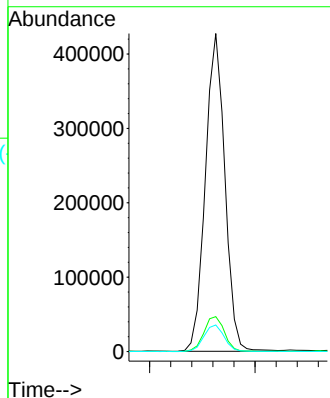
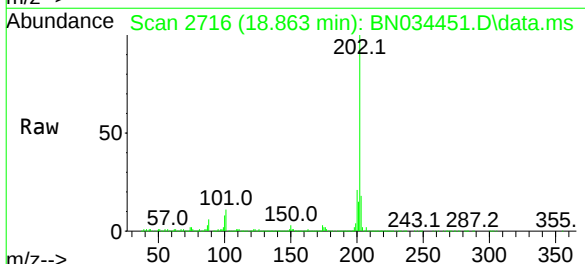
RT: 18.863 min Scan# 2716

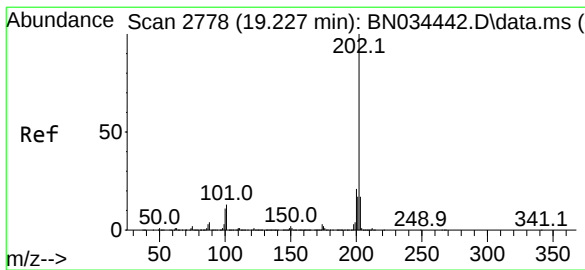
Delta R.T. -0.006 min

Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

Tgt Ion:	202	Resp:	549483
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.6	14.4
100	8.4	7.7	11.5





#82

Pyrene

Concen: 4.983 ng/u1

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BN034451.D

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Instrument :

BNA_N

ClientSampleId :

A4EW8

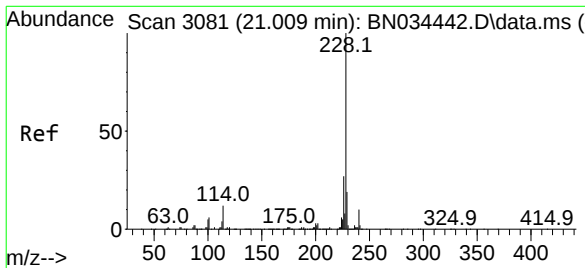
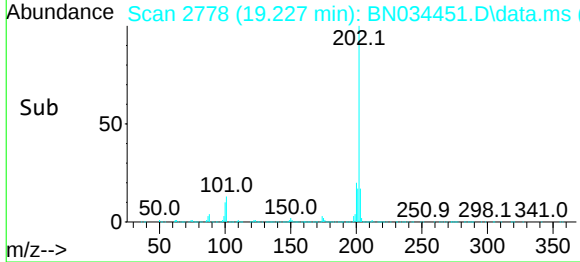
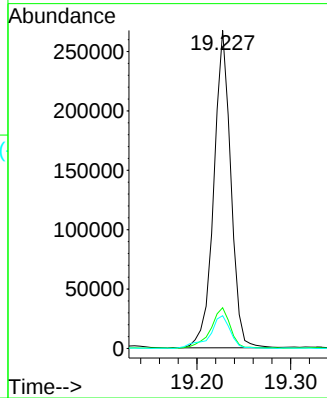
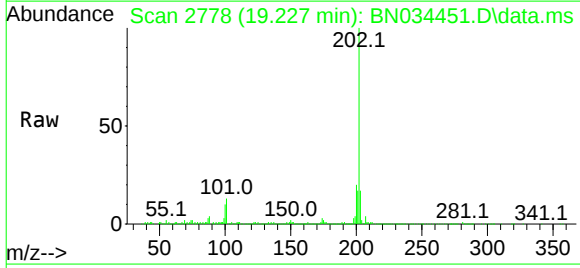
Tgt Ion:	202	Resp:	336516
Ion Ratio	Lower	Upper	
202	100		
101	12.8	11.8	17.8
100	10.3	10.0	15.0

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#85

Benzo(a)anthracene

Concen: 3.288 ng/u1

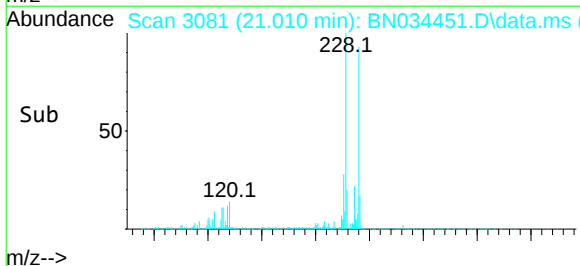
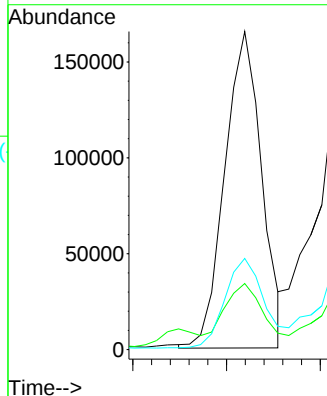
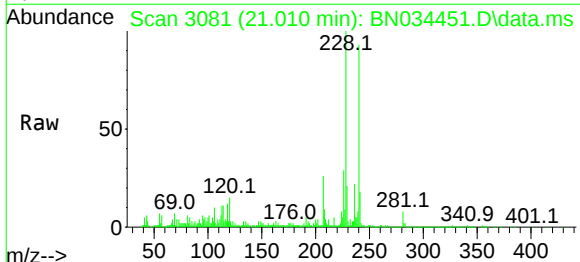
RT: 21.010 min Scan# 3081

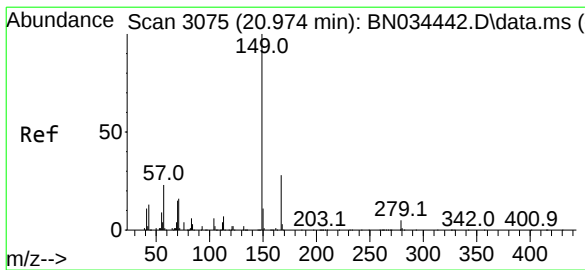
Delta R.T. -0.006 min

Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

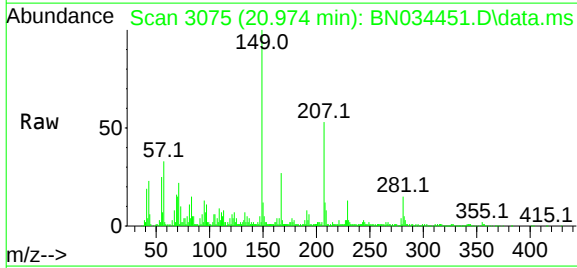
Tgt Ion:	228	Resp:	226062
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.0	22.6
226	28.7	20.2	30.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.206 ng/ul
RT: 20.974 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BN034451.D
Acq: 07 Oct 2024 23:30

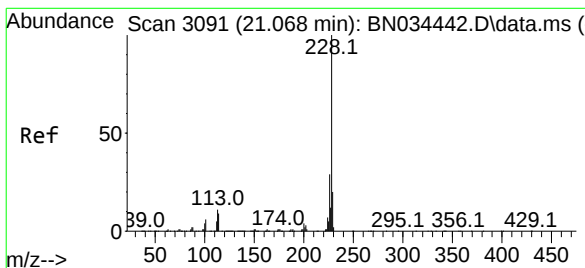
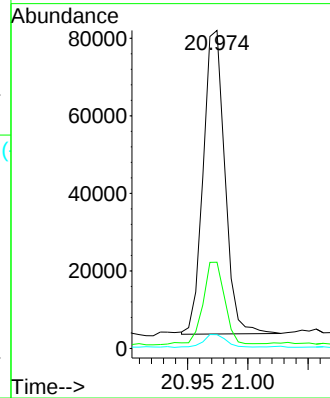
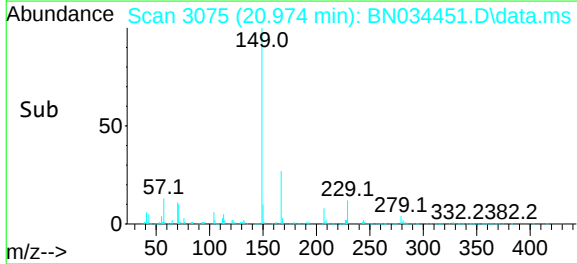
Instrument :
BNA_N
ClientSampleId :
A4EW8



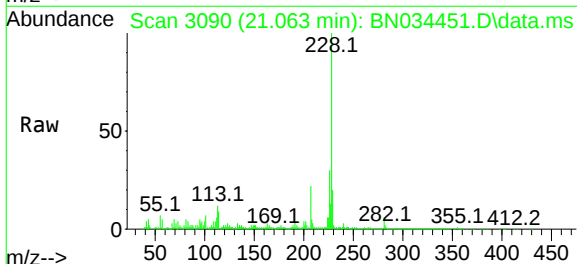
Tgt Ion:149 Resp: 97798
Ion Ratio Lower Upper
149 100
167 27.1 20.6 31.0
279 4.3 3.0 4.6

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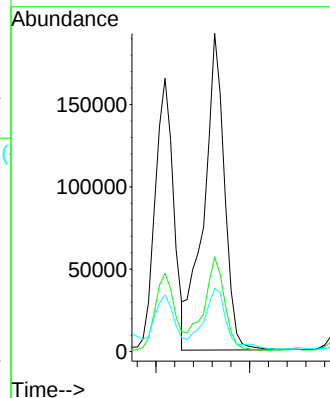
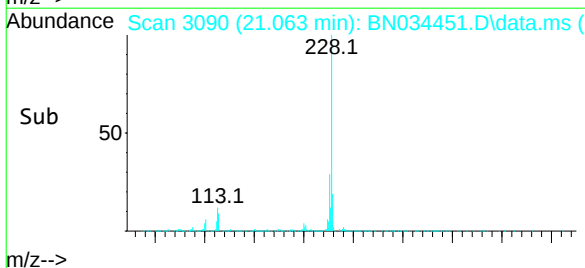
Reviewed By :Yogesh Patel 10/08/2024
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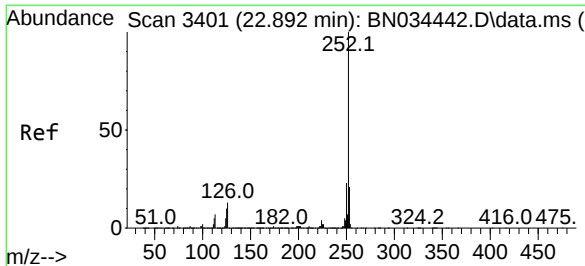


#87
Chrysene
Concen: 4.490 ng/ul
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BN034451.D
Acq: 07 Oct 2024 23:30



Tgt Ion:228 Resp: 294589
Ion Ratio Lower Upper
228 100
226 29.6 22.5 33.7
229 19.9 15.8 23.6





#90

Benzo(b)fluoranthene

Concen: 5.953 ng/u1

RT: 22.892 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

Instrument :

BNA_N

ClientSampleId :

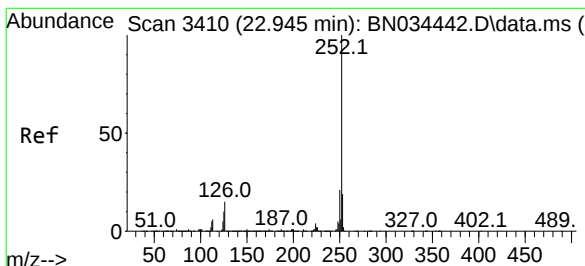
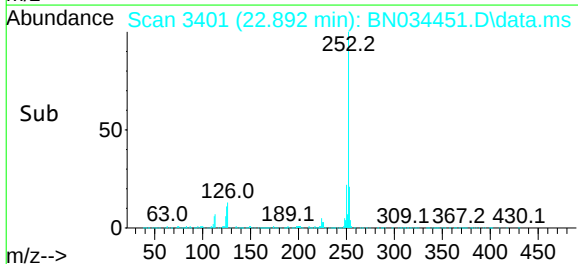
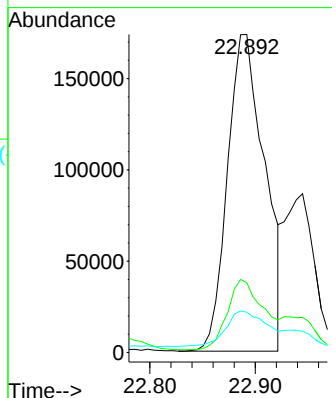
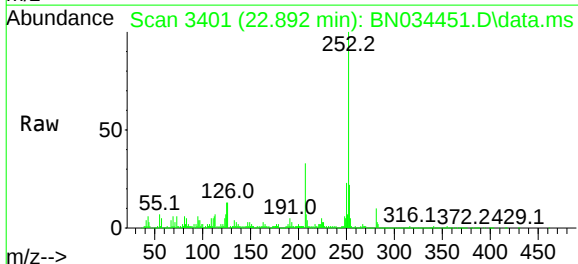
A4EW8

Tgt Ion:252 Resp: 425786

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.7	9.1	13.7

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#91

Benzo(k)fluoranthene

Concen: 2.414 ng/u1 m

RT: 22.945 min Scan# 3410

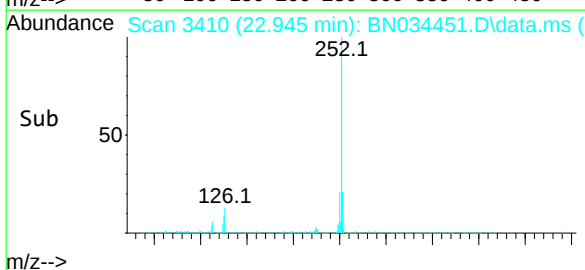
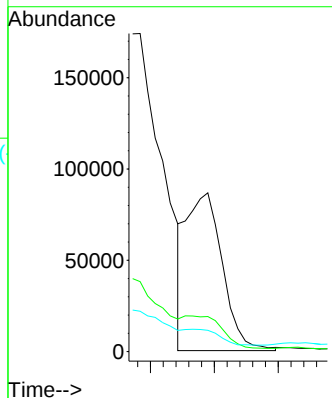
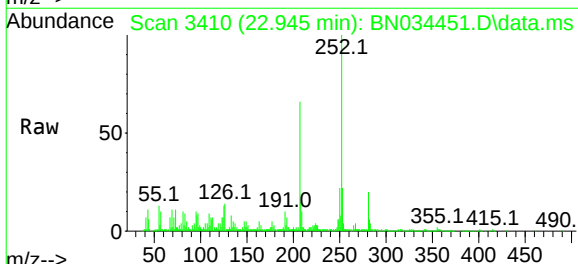
Delta R.T. -0.000 min

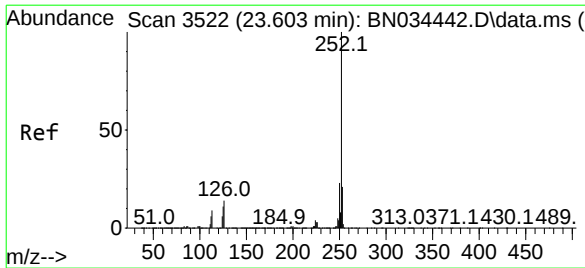
Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

Tgt Ion:252 Resp: 170347

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.4	8.8	13.2





#93

Benzo(a)pyrene

Concen: 1.715 ng/u1

RT: 23.604 min Scan# 3522

Delta R.T. -0.012 min

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Acq: 07 Oct 2024 23:30

Instrument :

BNA_N

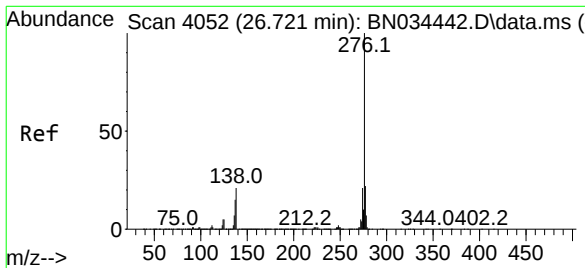
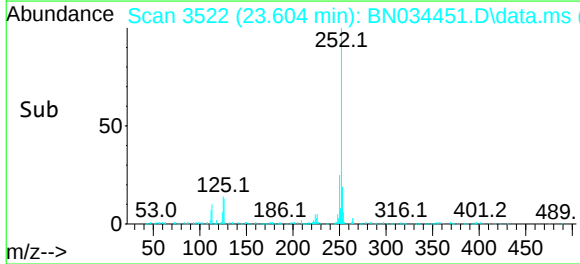
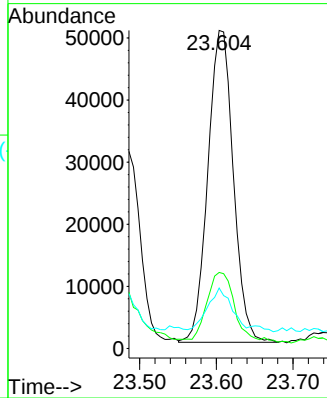
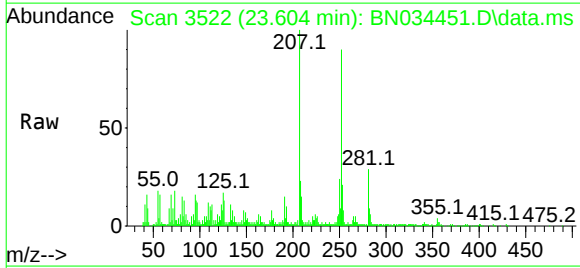
ClientSampleId :

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Tgt Ion:	252	Resp:	115862
Ion Ratio	Lower	Upper	
252	100		
253	23.9	15.8	23.8
125	19.0	9.0	13.6

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Supervised By :mohammad ahmed 10/09/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.628 ng/u1

RT: 26.721 min Scan# 4052

Delta R.T. -0.018 min

Lab File: BN034451.D

Acq: 07 Oct 2024 23:30

Tgt Ion:	276	Resp:	136314
Ion Ratio	Lower	Upper	
276	100		
138	22.1	17.7	26.5
277	24.3	18.4	27.6

