

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032011.D
 Acq On : 14 Jun 2024 21:45
 Operator : MA/JU
 Sample : P2696-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BM5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 22:51:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	284296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1307441	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	884001	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1825954	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1250863	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1130606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	29189	4.248	ng/uL	0.00
4) Pyridine-d5	3.593	84	31224	1.614	ng/u1	0.01
7) Phenol-d5	6.828	99	647794	26.579	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	377580	26.486	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.187	132	522528	28.098	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	466465	23.479	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	279314	27.941	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	299274	28.981	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	523219	27.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	593670	20.741	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1763605	28.637	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1971820	27.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	294237	23.862	ng/u1	0.00
60) Fluorene-d10	15.298	176	1495507	28.700	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	207159	22.571	ng/u1	0.00
73) Anthracene-d10	17.145	188	2235249	28.593	ng/u1	0.00
81) Pyrene-d10	19.451	212	2048436	30.603	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1000715	18.536	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	240854	2.589	ng/u1	97
80) Fluoranthene	19.110	202	535388	6.693	ng/u1	100
82) Pyrene	19.474	202	357058	4.350	ng/u1	99
85) Benzo(a)anthracene	21.263	228	189469	2.263	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	167233	2.959	ng/u1	99
87) Chrysene	21.327	228	206833	2.645	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	214948	3.181	ng/u1#	95
91) Benzo(k)fluoranthene	23.345	252	89772m	1.354	ng/u1	
93) Benzo(a)pyrene	24.074	252	74651	1.179	ng/u1	97

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

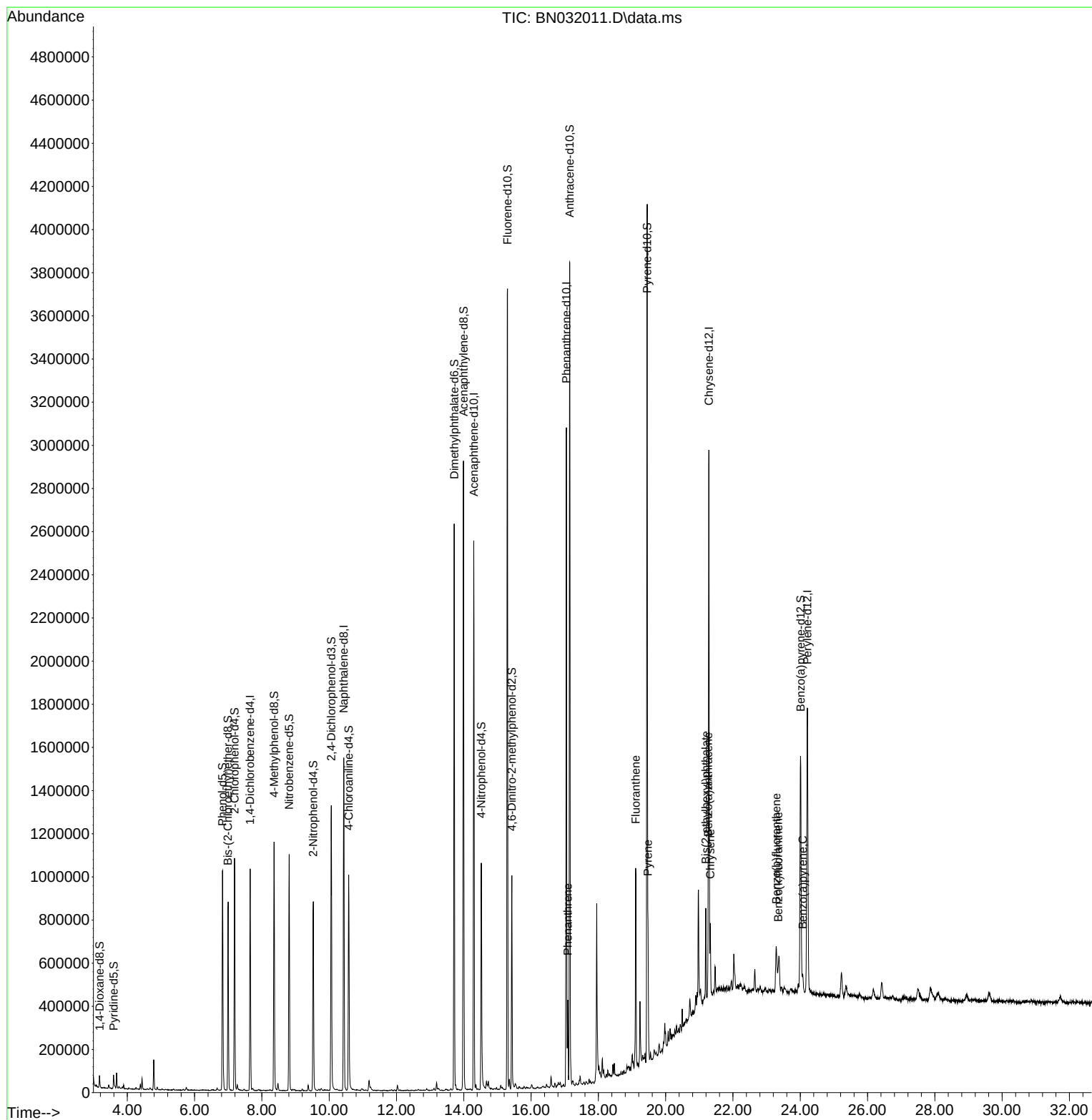
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032011.D
Acq On : 14 Jun 2024 21:45
Operator : MA/JU
Sample : P2696-24
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ALS Vial : 11 Sample Multiplier: 1

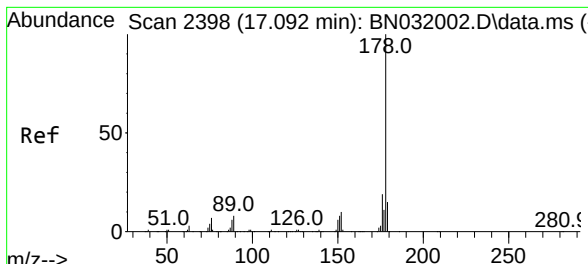
Instrument :
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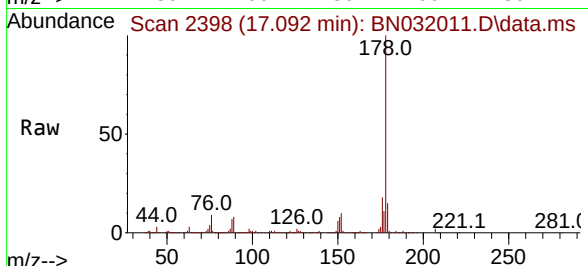
#72
 Phenanthrene
 Concen: 2.589 ng/ul
 RT: 17.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN032011.D
 Acq: 14 Jun 2024 21:45

Instrument :

BNA_N

ClientSampleId :

A4BM5

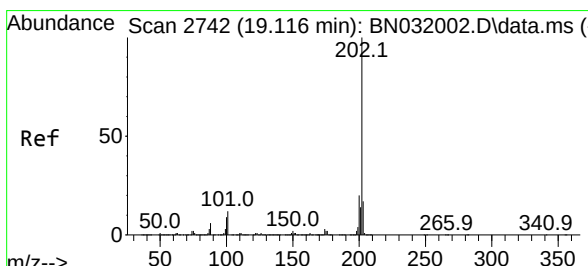
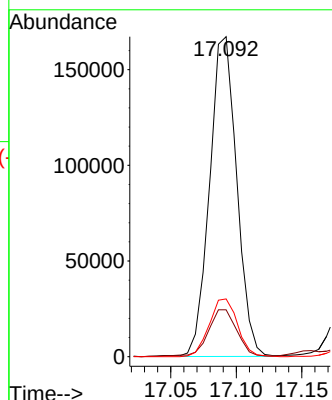
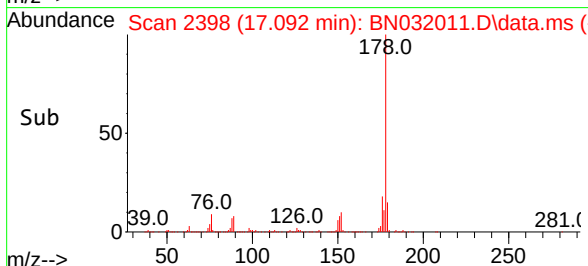


Tgt Ion:	178	Resp:	240854
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	19.0
176	18.0	15.8	23.6

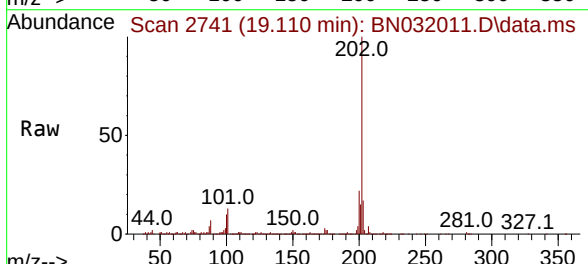
Manual Integrations

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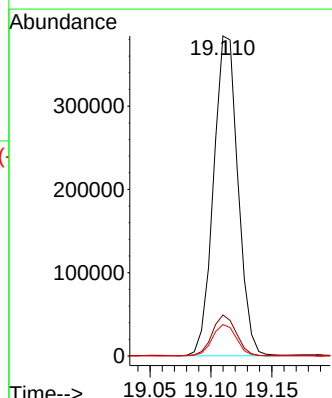
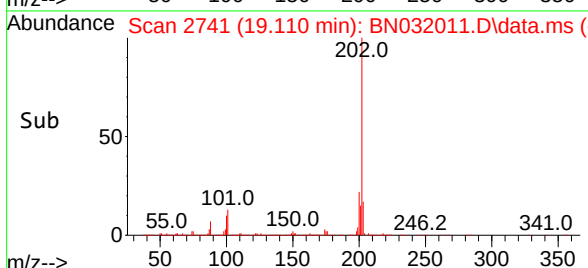
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 Supervised By :mohammad ahmed 06/18/2024

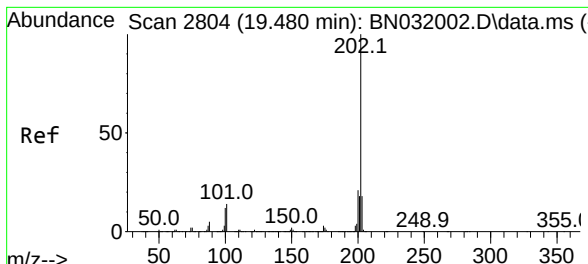


#80
 Fluoranthene
 Concen: 6.693 ng/ul
 RT: 19.110 min Scan# 2741
 Delta R.T. -0.006 min
 Lab File: BN032011.D
 Acq: 14 Jun 2024 21:45



Tgt Ion:	202	Resp:	535388
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.3	15.5
100	9.8	8.0	12.0





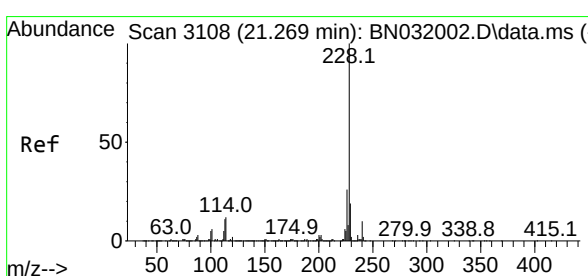
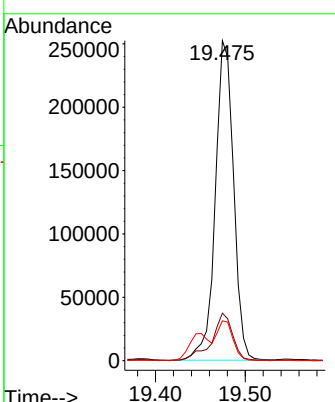
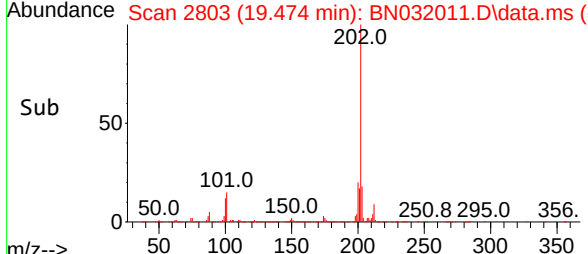
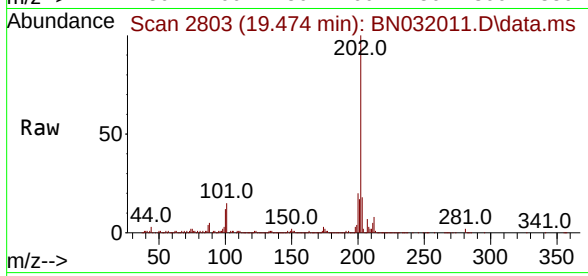
#82
 Pyrene
 Concen: 4.350 ng/ul
 RT: 19.474 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN032011.D
 Acq: 14 Jun 2024 21:45

Instrument : BNA_N
 ClientSampleId : A4BM5

Tgt Ion:	202	Resp:	357058
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.6	18.8
100	12.4	10.2	15.2

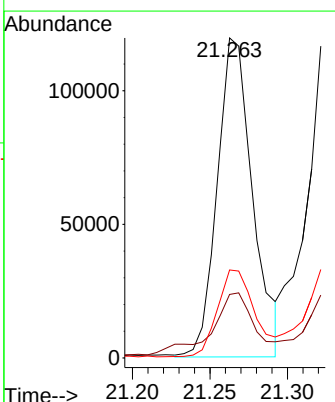
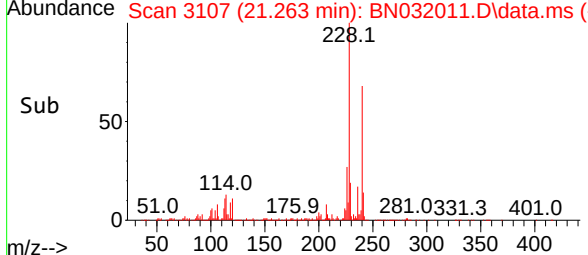
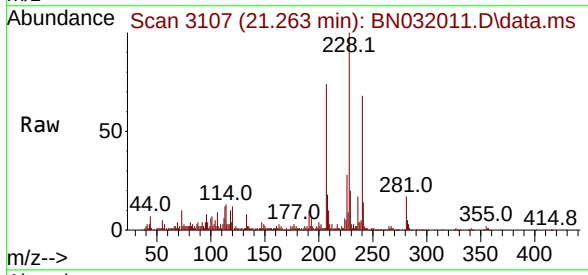
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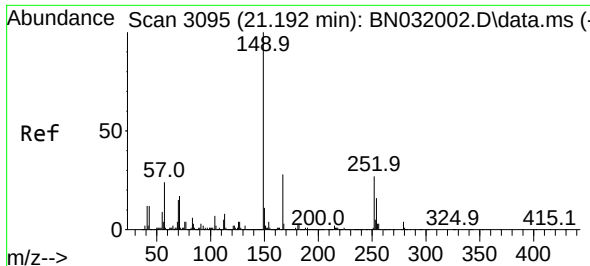
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024



#85
 Benzo(a)anthracene
 Concen: 2.263 ng/ul
 RT: 21.263 min Scan# 3107
 Delta R.T. -0.012 min
 Lab File: BN032011.D
 Acq: 14 Jun 2024 21:45

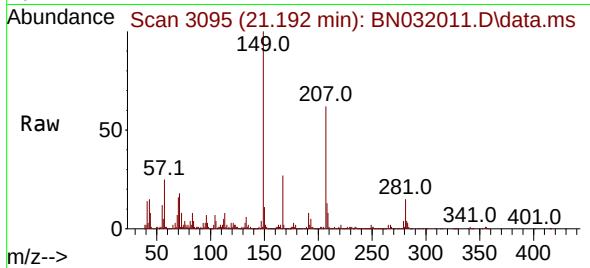
Tgt Ion:	228	Resp:	189469
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.7	25.1
226	27.5	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.959 ng/ul
RT: 21.192 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BN032011.D
Acq: 14 Jun 2024 21:45

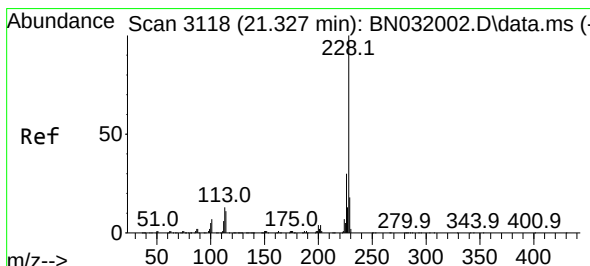
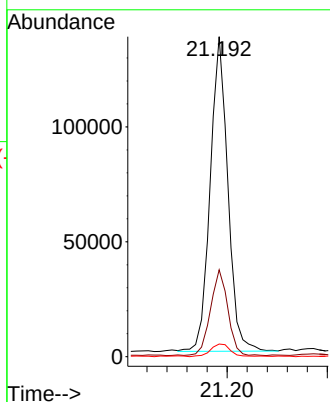
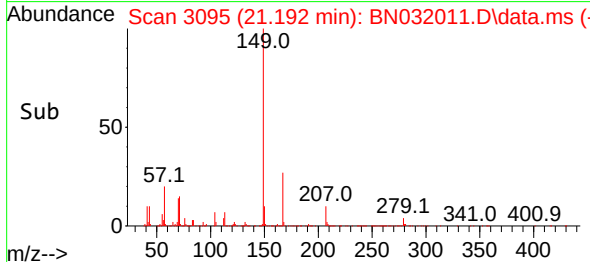
Instrument :
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ClientSampleId :
A4BM5



Tgt Ion:149 Resp: 16723
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 3.9 3.3 4.9

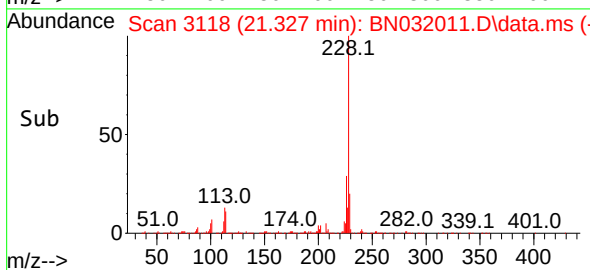
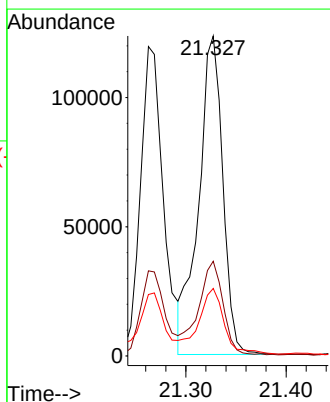
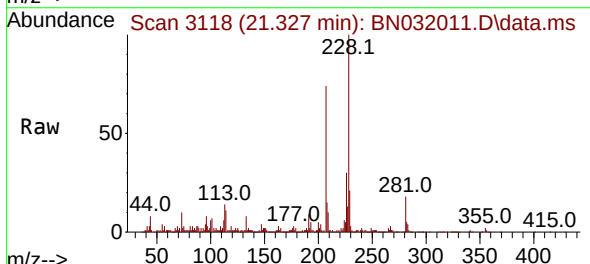
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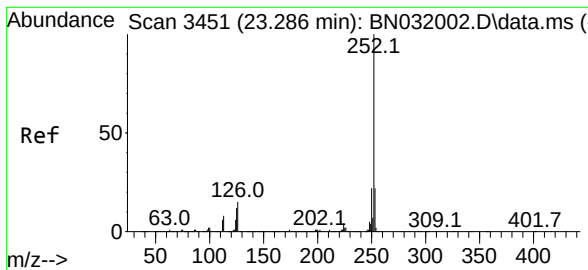
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#87
Chrysene
Concen: 2.645 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN032011.D
Acq: 14 Jun 2024 21:45

Tgt Ion:228 Resp: 206833
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.1 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 3.181 ng/ul

RT: 23.292 min Scan# 3451

Delta R.T. 0.000 min

Lab File: BN032011.D

Acq: 14 Jun 2024 21:45

Instrument :

BNA_N

ClientSampleId :

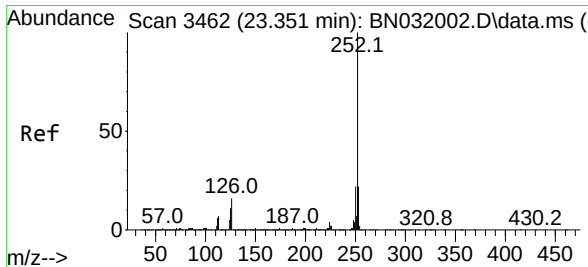
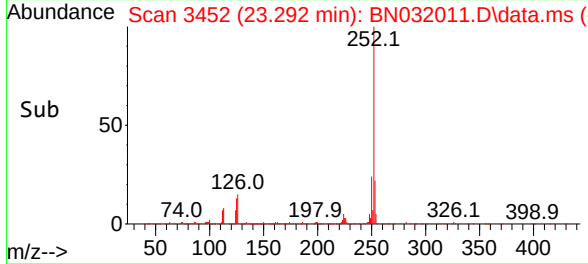
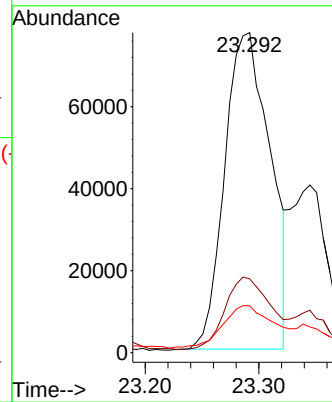
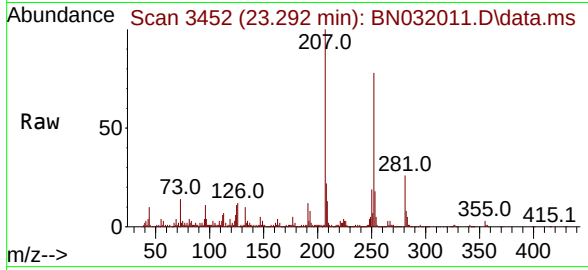
A4BM5

Tgt Ion:252 Resp: 214948
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.0 25.6
 125 14.6 9.2 13.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.354 ng/ul m

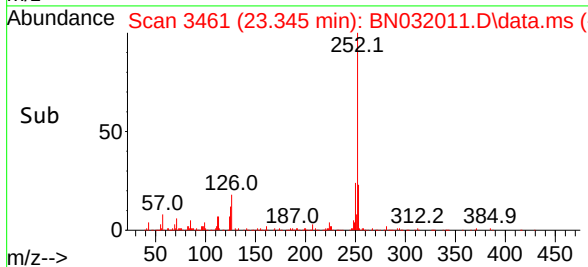
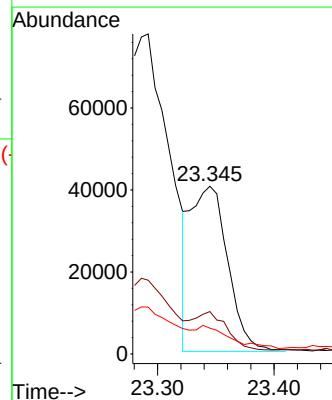
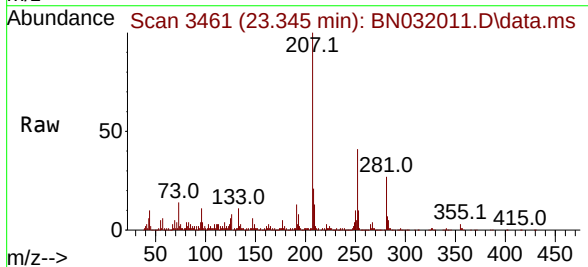
RT: 23.345 min Scan# 3461

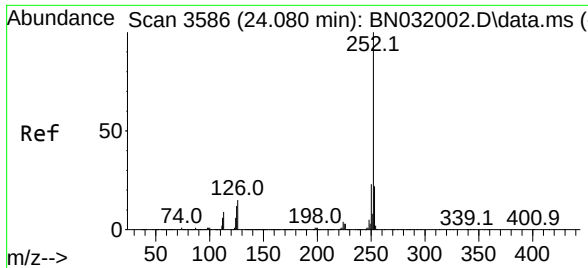
Delta R.T. -0.006 min

Lab File: BN032011.D

Acq: 14 Jun 2024 21:45

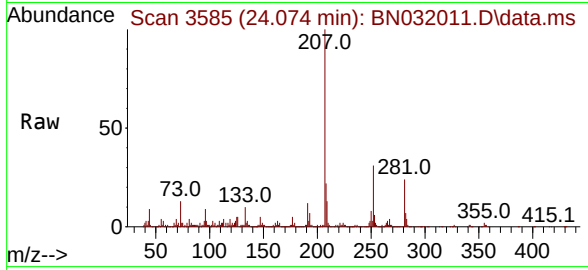
Tgt Ion:252 Resp: 89772
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.6 26.4
 125 15.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 1.179 ng/ul
RT: 24.074 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN032011.D
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Instrument :
BNA_N
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A4BM5



Tgt Ion:252 Resp: 7465
Ion Ratio Lower Upper
252 100
253 21.0 16.6 24.8
125 14.7 9.8 14.8

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