

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031702.D
 Acq On : 29 May 2024 22:36
 Operator : MA/JU
 Sample : P2569-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 23:49:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	560906	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2557142	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1633729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3308258	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2584973	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2288011	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	39846	2.939	ng/uL	0.00
4) Pyridine-d5	3.599	84	445650	11.677	ng/u1	0.00
7) Phenol-d5	6.852	99	817793	17.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	479188	17.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	652009	17.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	563390	14.373	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	331506	16.955	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	339018	16.786	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	629995	16.708	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	605971	10.824	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2020862	17.756	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2342825	17.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	303622	13.324	ng/u1	0.00
60) Fluorene-d10	15.322	176	1737227	18.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	201145	12.096	ng/u1	0.00
73) Anthracene-d10	17.169	188	2525838	17.834	ng/u1	0.00
81) Pyrene-d10	19.463	212	3059127	22.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2114265	19.352	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	608822	3.613	ng/u1	98
80) Fluoranthene	19.128	202	1367824	8.274	ng/u1	100
82) Pyrene	19.492	202	1297384	7.649	ng/u1	100
83) Butylbenzylphthalate	20.404	149	419381	5.235	ng/u1	97
85) Benzo(a)anthracene	21.280	228	611656	3.535	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	713976	6.114	ng/u1	99
87) Chrysene	21.345	228	701406	4.340	ng/u1	94
90) Benzo(b)fluoranthene	23.304	252	818018	5.981	ng/u1	98
91) Benzo(k)fluoranthene	23.363	252	252776m	1.884	ng/u1	
93) Benzo(a)pyrene	24.098	252	516771	4.035	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	335544	2.273	ng/u1	96
96) Benzo(g,h,i)perylene	28.551	276	335440	2.859	ng/u1	98

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

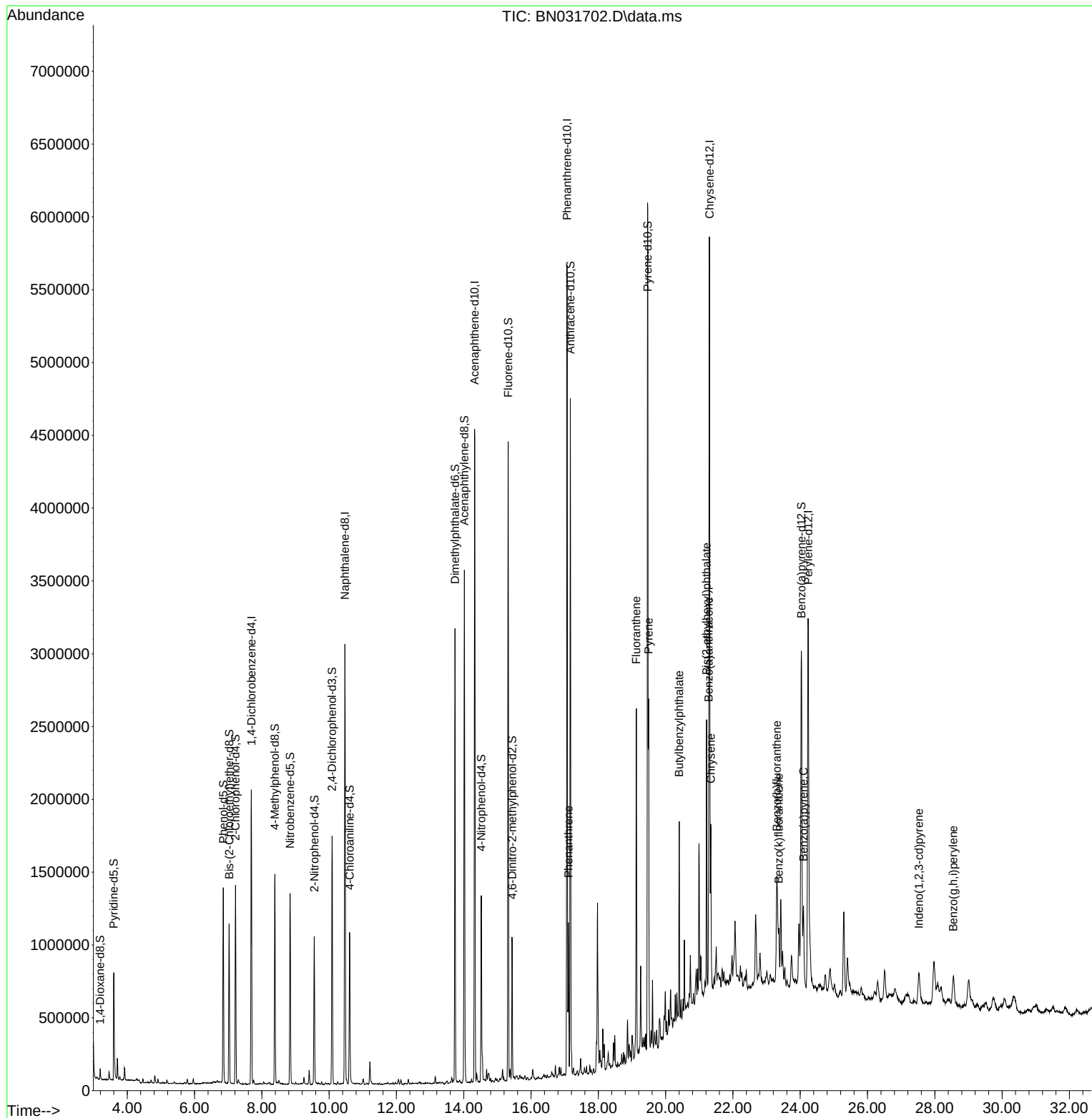
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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 ALS Vial : 12 Sample Multiplier: 1

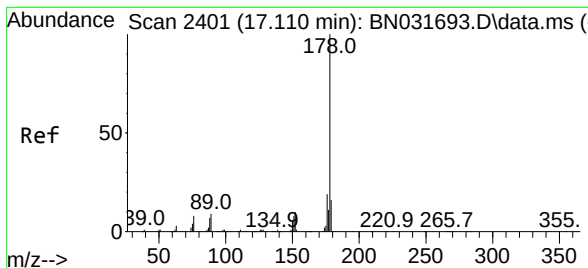
Instrument :
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#72

Phenanthrene

Concen: 3.613 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

BH6A2

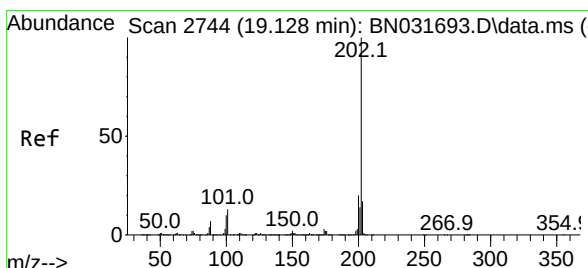
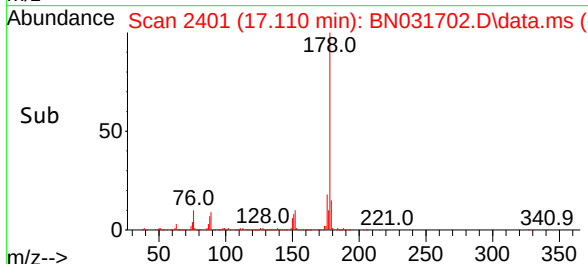
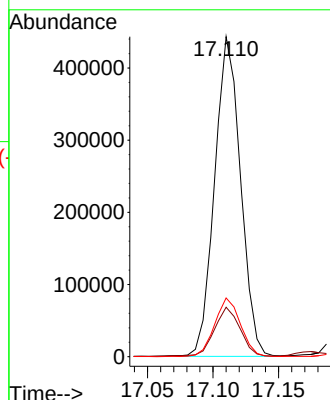
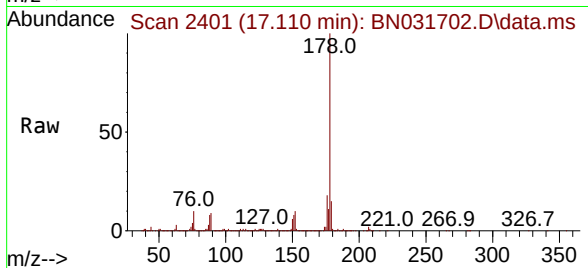
Tgt Ion:178 Resp: 608822

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.4	15.8	23.6

Manual Integrations

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Supervised By :mohammad ahmed 05/31/2024



#80

Fluoranthene

Concen: 8.274 ng/ul

RT: 19.128 min Scan# 2744

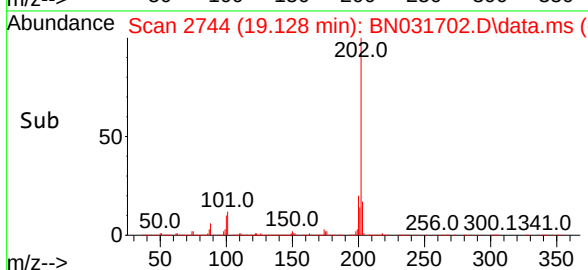
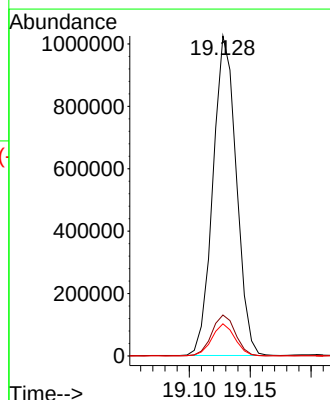
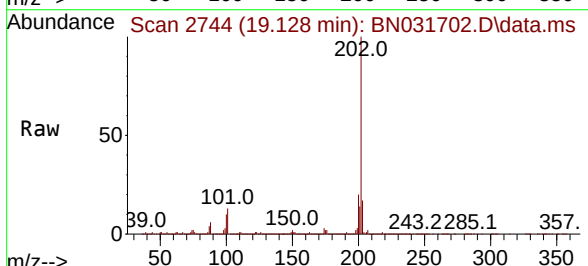
Delta R.T. -0.006 min

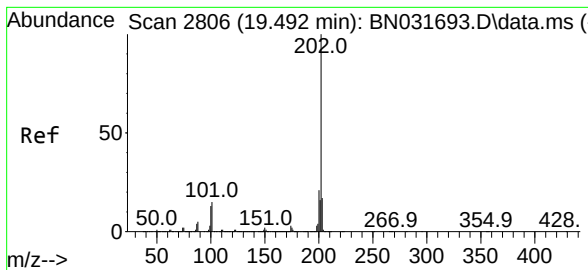
Lab File: BN031702.D

Acq: 29 May 2024 22:36

Tgt Ion:202 Resp: 1367824

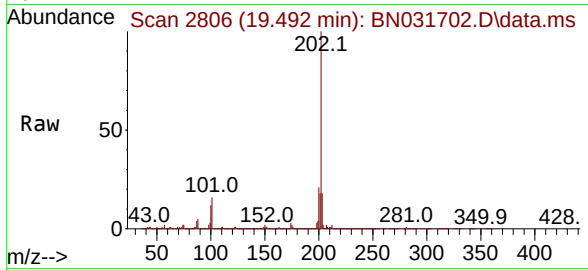
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	10.1	8.0	12.0





#82
 Pyrene
 Concen: 7.649 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031702.D
 Acq: 29 May 2024 22:36

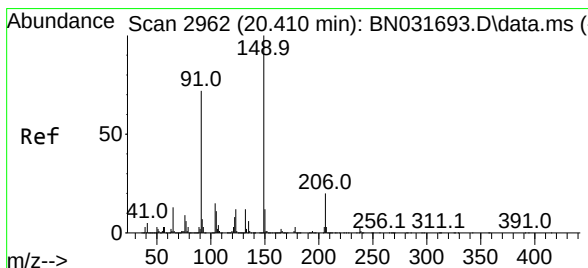
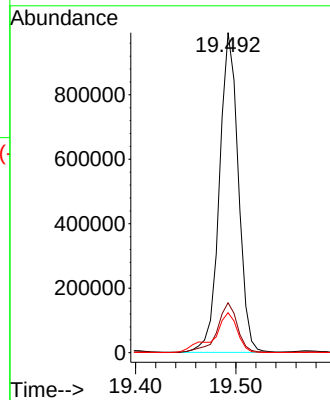
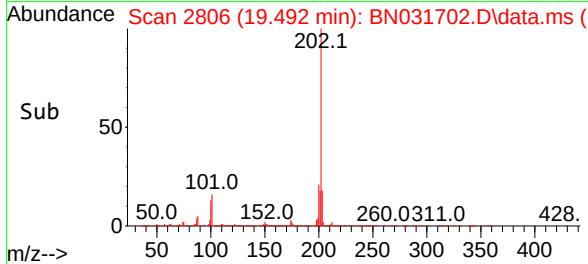
Instrument :
 BNA_N
 ClientSampleId :
 BH6A2



Tgt Ion:202 Resp: 1297384
 Ion Ratio Lower Upper
 202 100
 101 15.6 12.6 18.8
 100 12.5 10.2 15.2

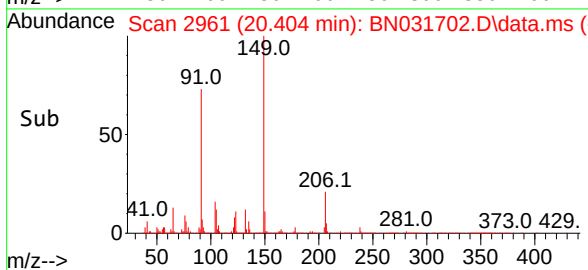
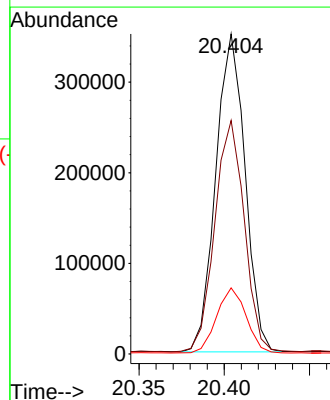
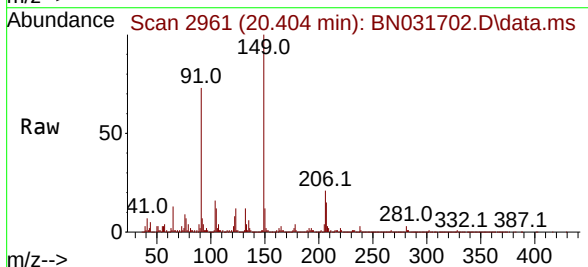
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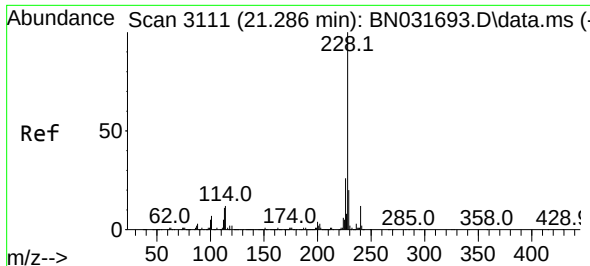
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#83
 Butylbenzylphthalate
 Concen: 5.235 ng/ul
 RT: 20.404 min Scan# 2961
 Delta R.T. -0.000 min
 Lab File: BN031702.D
 Acq: 29 May 2024 22:36

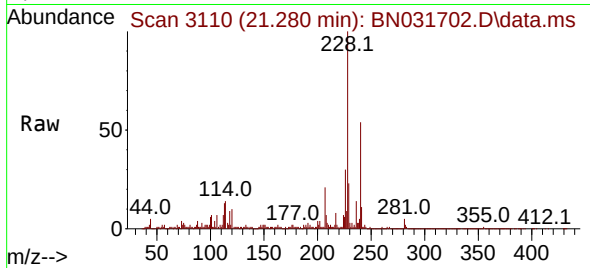
Tgt Ion:149 Resp: 419381
 Ion Ratio Lower Upper
 149 100
 91 72.9 61.0 91.4
 206 20.7 16.5 24.7





#85
Benzo(a)anthracene
Concen: 3.535 ng/ul
RT: 21.280 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

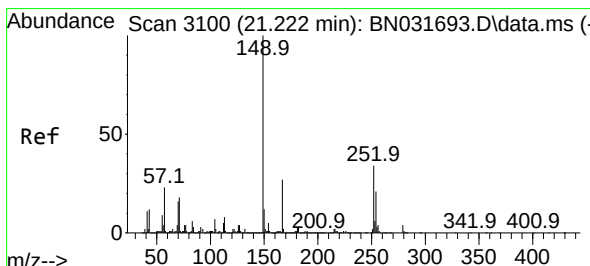
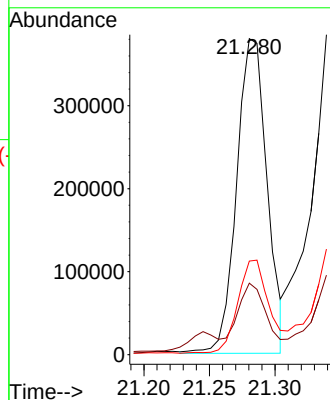
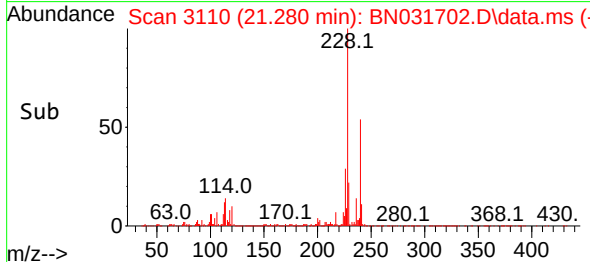
Instrument :
BNA_N
ClientSampleId :
BH6A2



Tgt Ion:228 Resp: 611650
Ion Ratio Lower Upper
228 100
229 22.6 16.7 25.1
226 29.6 22.8 34.2

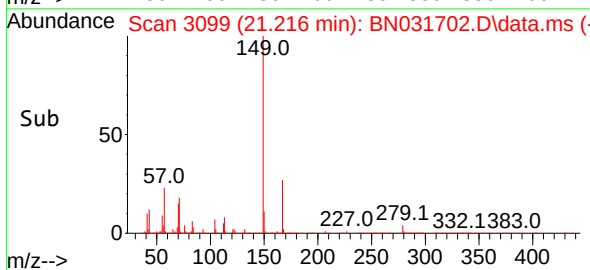
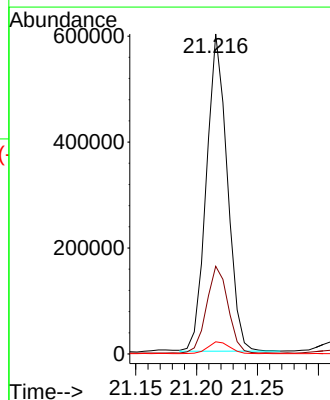
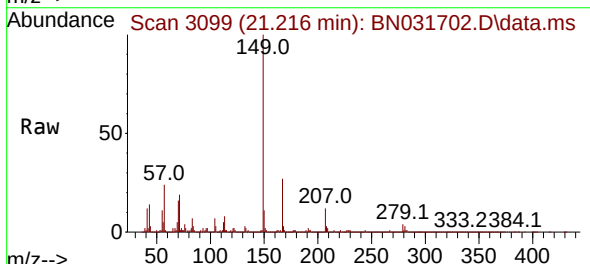
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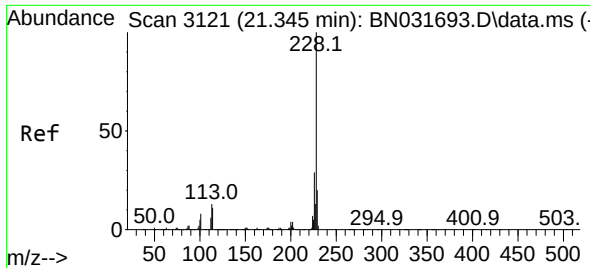
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.114 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

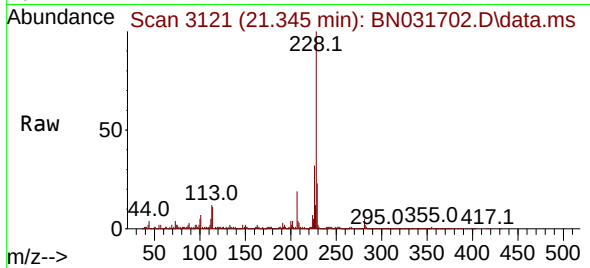
Tgt Ion:149 Resp: 713976
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.8 3.3 4.9





#87
Chrysene
Concen: 4.340 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

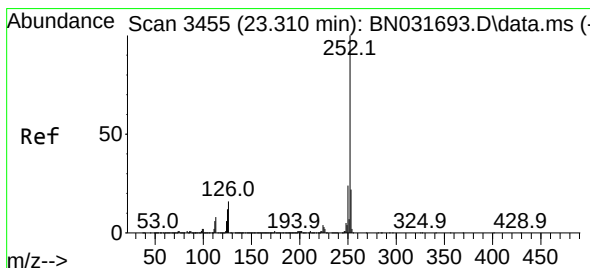
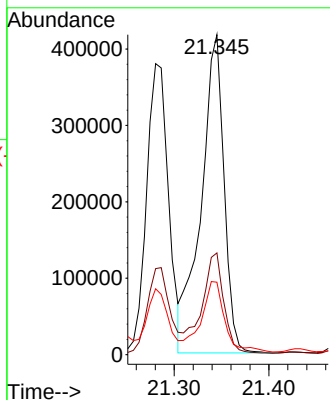
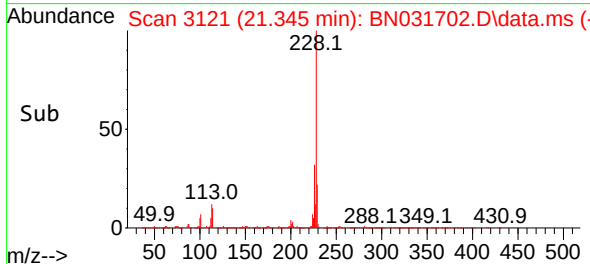
Instrument :
BNA_N
ClientSampleId :
BH6A2



Tgt Ion:228 Resp: 701400
Ion Ratio Lower Upper
228 100
226 31.8 23.7 35.5
229 22.7 15.1 22.7

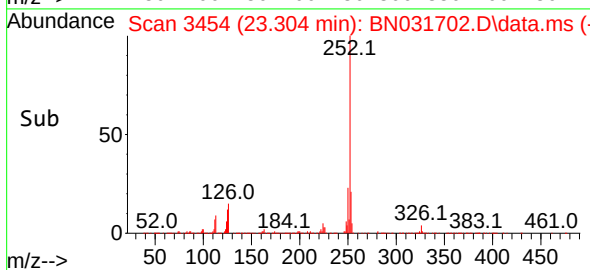
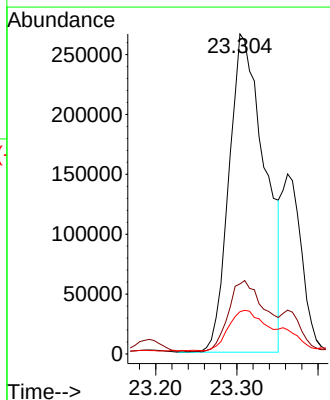
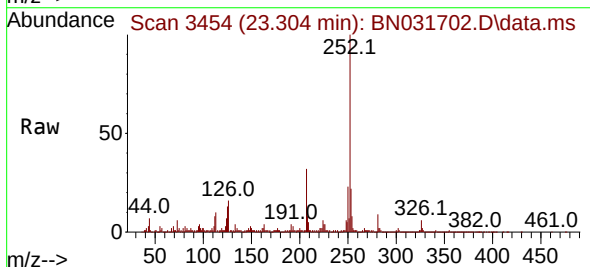
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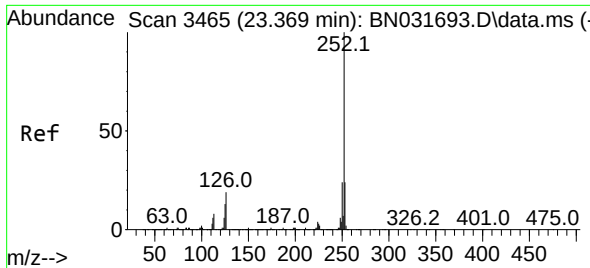
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#90
Benzo(b)fluoranthene
Concen: 5.981 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

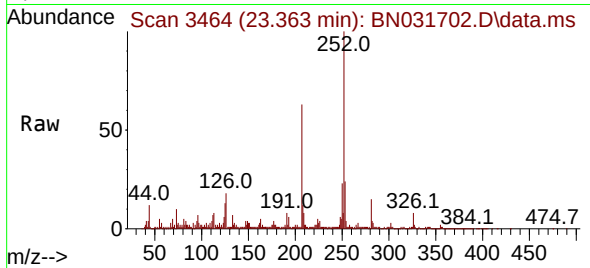
Tgt Ion:252 Resp: 818018
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.2 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 1.884 ng/ul m
RT: 23.363 min Scan# 3465
Delta R.T. -0.012 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

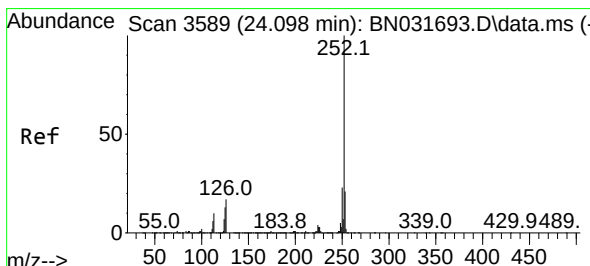
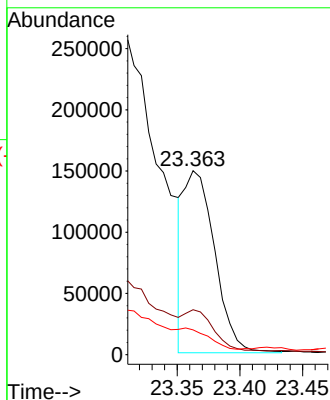
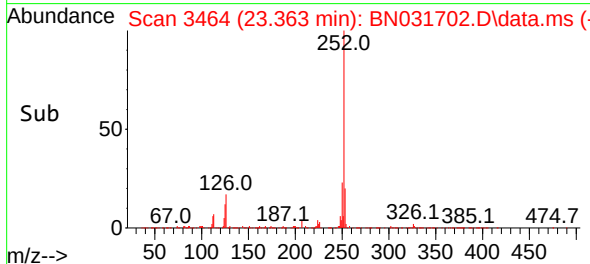
Instrument :
BNA_N
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BH6A2



Tgt Ion:252 Resp: 252770
Ion Ratio Lower Upper
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253 24.4 17.6 26.4
125 13.5 9.4 14.2

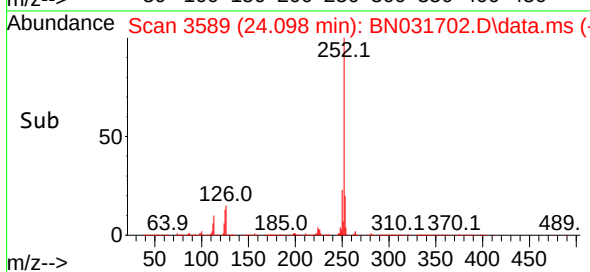
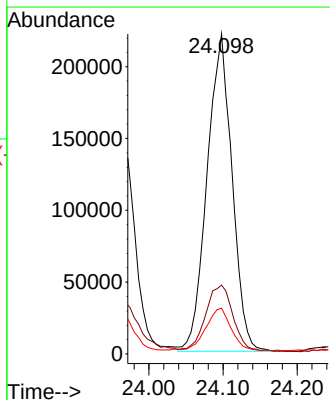
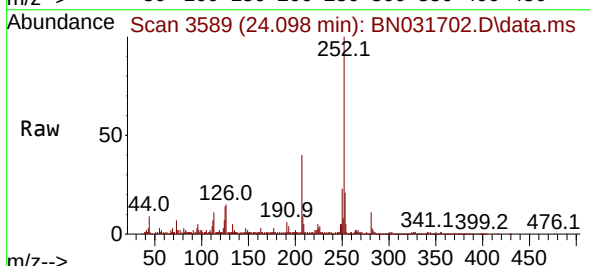
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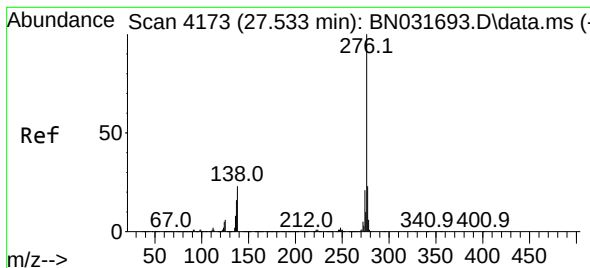
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#93
Benzo(a)pyrene
Concen: 4.035 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031702.D
Acq: 29 May 2024 22:36

Tgt Ion:252 Resp: 516771
Ion Ratio Lower Upper
252 100
253 21.5 16.6 24.8
125 14.3 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.273 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Instrument :

BNA_N

ClientSampleId :

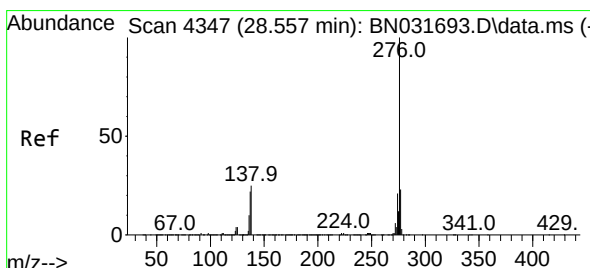
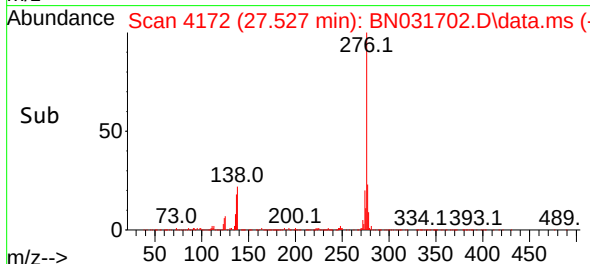
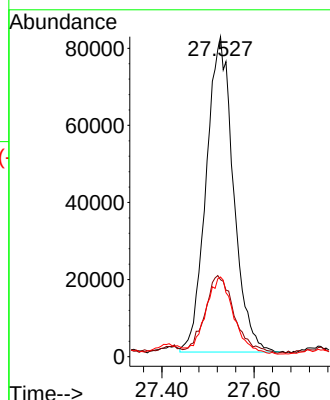
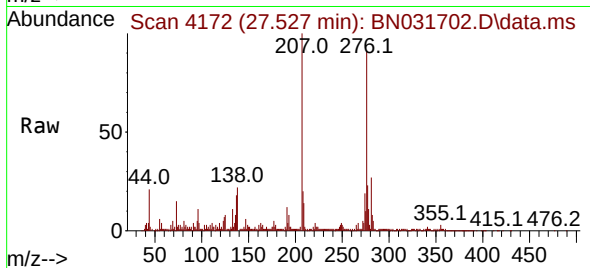
BH6A2

Tgt Ion:	276	Resp:	335544
Ion Ratio	Lower	Upper	
276	100		
138	24.1	18.1	27.1
277	24.9	18.2	27.2

Manual Integrations

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Supervised By :mohammad ahmed 05/31/2024



#96

Benzo(g,h,i)perylene

Concen: 2.859 ng/ul

RT: 28.551 min Scan# 4346

Delta R.T. -0.018 min

Lab File: BN031702.D

Acq: 29 May 2024 22:36

Tgt Ion:	276	Resp:	335440
Ion Ratio	Lower	Upper	
276	100		
138	24.4	20.9	31.3
277	23.2	18.0	27.0

