

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031701.D
 Acq On : 29 May 2024 21:56
 Operator : MA/JU
 Sample : P2569-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A0

Manual Integrations
 APPROVED

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

Quant Time: May 29 23:45:54 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	514621	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2335297	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1480648	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2943846	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2375242	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	2147376	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45364	3.647	ng/uL	0.00
4) Pyridine-d5	3.599	84	574939	16.419	ng/u1	0.00
7) Phenol-d5	6.852	99	1079726	24.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	614461	23.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	824960	24.507	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	892156	24.808	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	444504	24.894	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	456728	24.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	859591	24.963	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	1173309	22.949	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2867720	27.801	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3216856	27.122	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	471406	22.825	ng/u1	0.00
60) Fluorene-d10	15.322	176	2397608	27.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	297530	20.107	ng/u1	0.00
73) Anthracene-d10	17.169	188	3604377	28.599	ng/u1	0.00
81) Pyrene-d10	19.463	212	4099841	32.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2923785	28.514	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	440213	2.935	ng/u1	99
80) Fluoranthene	19.128	202	915740	6.028	ng/u1	98
82) Pyrene	19.492	202	855246	5.488	ng/u1	99
85) Benzo(a)anthracene	21.280	228	415459	2.613	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	212154	1.977	ng/u1	98
87) Chrysene	21.339	228	444748	2.995	ng/u1	95
90) Benzo(b)fluoranthene	23.298	252	481764m	3.753	ng/u1	
91) Benzo(k)fluoranthene	23.363	252	179043m	1.422	ng/u1	
93) Benzo(a)pyrene	24.092	252	321150	2.671	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	198695	1.434	ng/u1	95
96) Benzo(g,h,i)perylene	28.539	276	204152m	1.854	ng/u1	

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

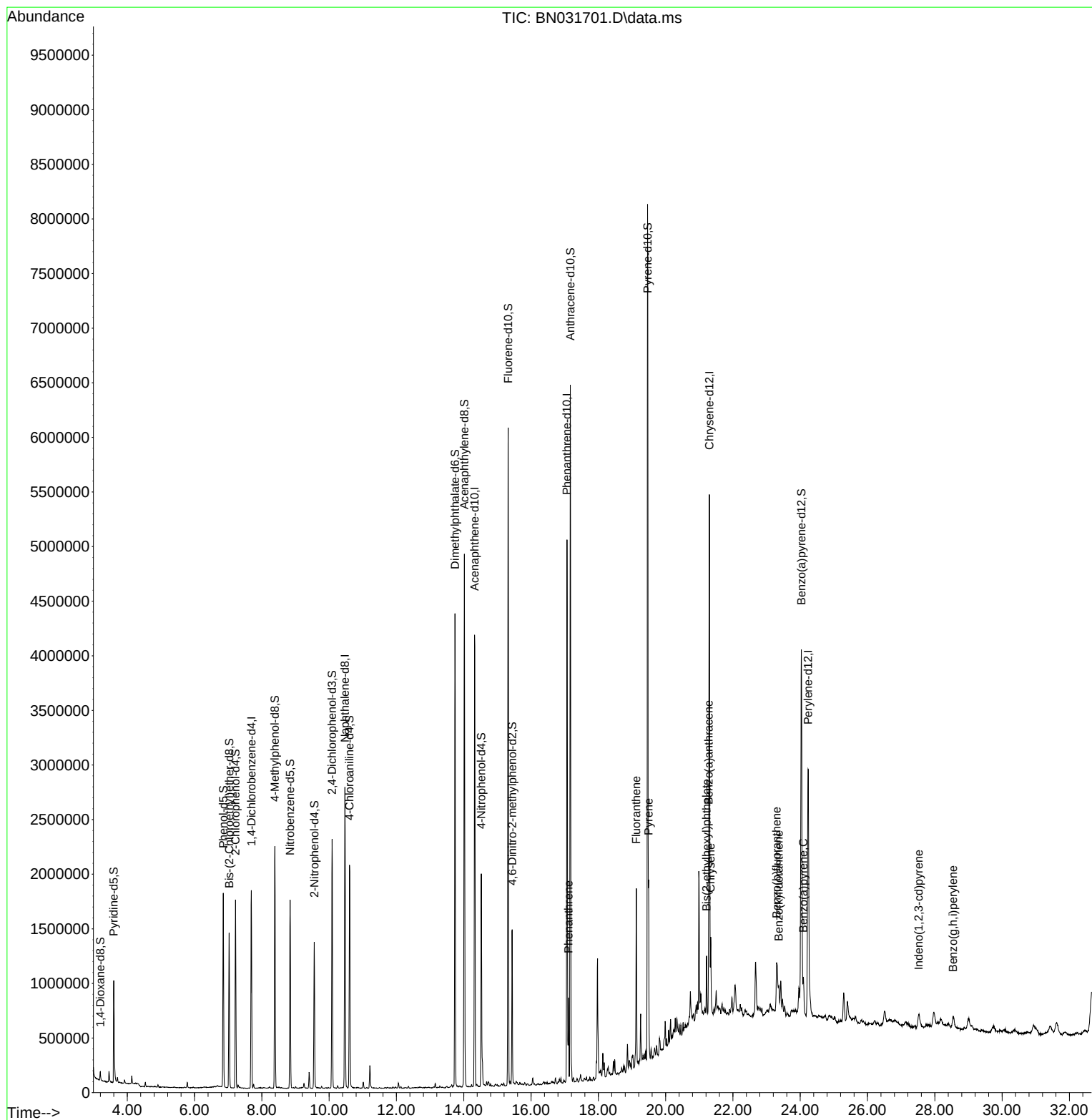
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031701.D
 Acq On : 29 May 2024 21:56
 Operator : MA/JU
 Sample : P2569-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

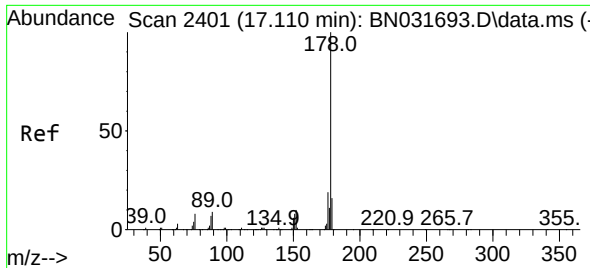
Instrument :
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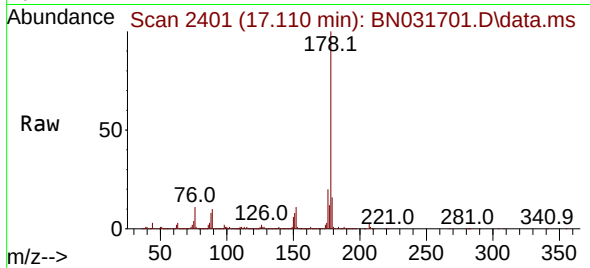
Quant Time: May 29 23:45:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 2.935 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

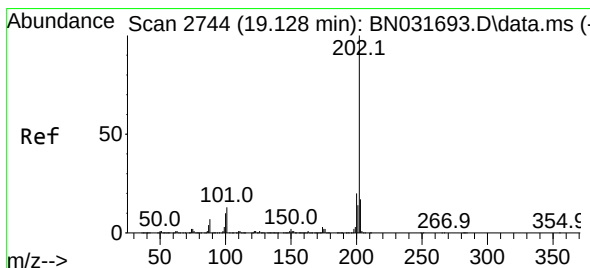
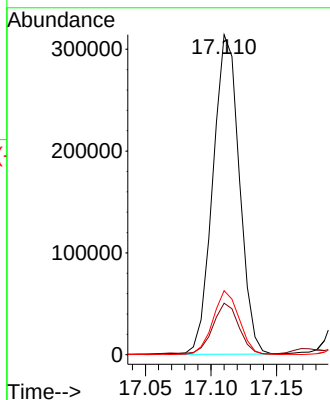
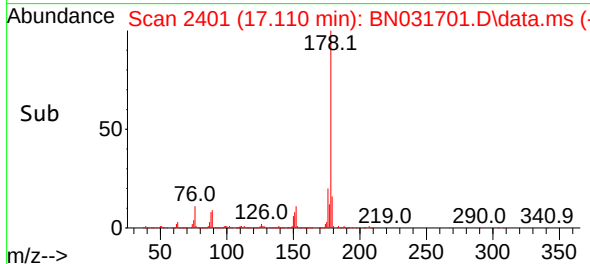
Instrument :
BNA_N
ClientSampleId :
BH6A0



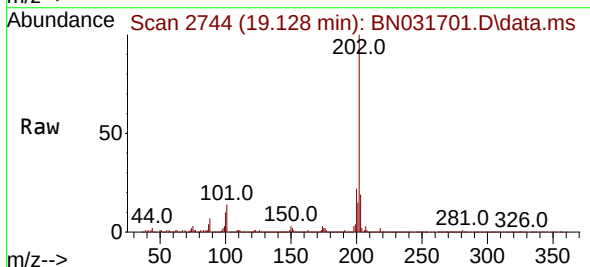
Tgt Ion:178 Resp: 440211
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.0 15.8 23.6

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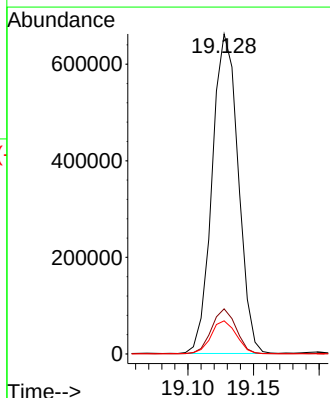
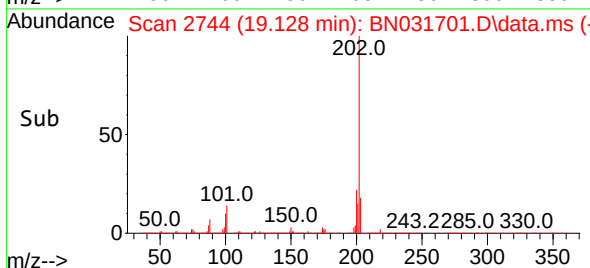
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

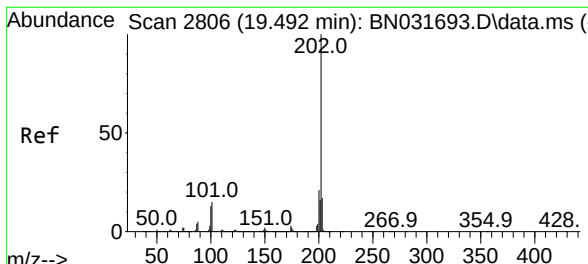


#80
Fluoranthene
Concen: 6.028 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56



Tgt Ion:202 Resp: 915740
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 10.4 8.0 12.0





#82
 Pyrene
 Concen: 5.488 ng/ul
 RT: 19.492 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN031701.D
 Acq: 29 May 2024 21:56

Instrument :

BNA_N

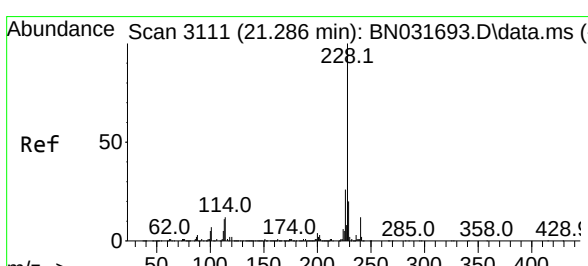
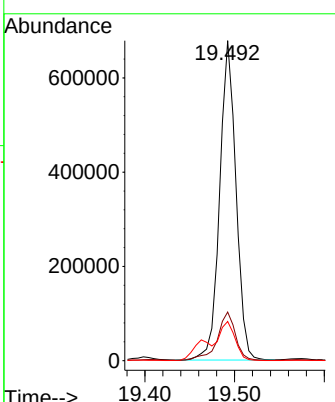
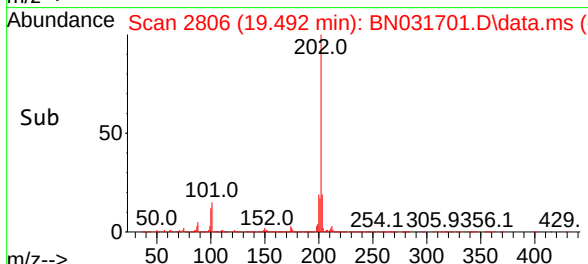
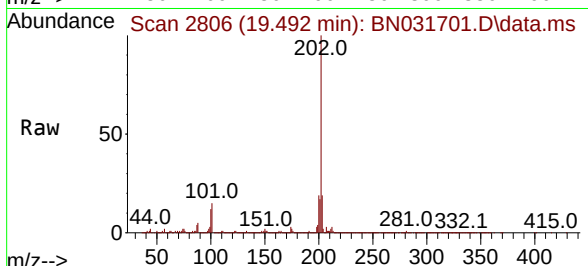
ClientSampleId :

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Tgt Ion:	202	Resp:	855240
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.6	18.8
100	12.3	10.2	15.2

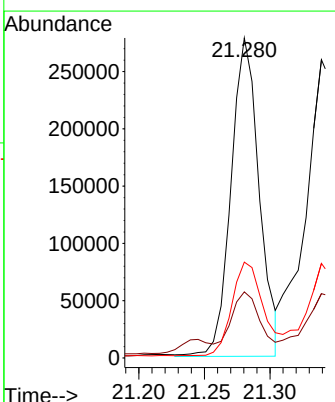
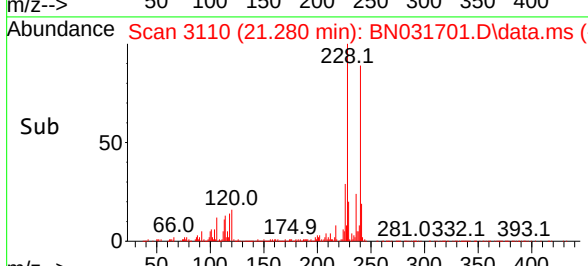
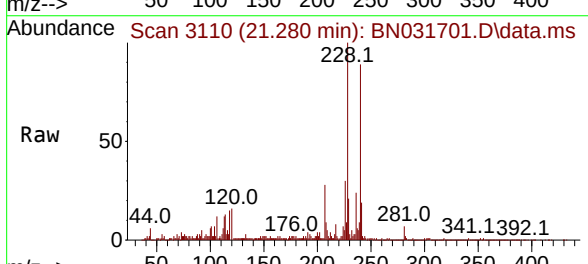
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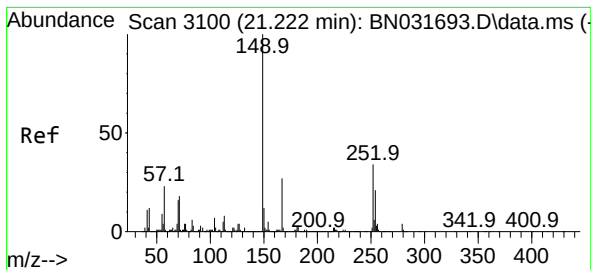
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#85
 Benzo(a)anthracene
 Concen: 2.613 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031701.D
 Acq: 29 May 2024 21:56

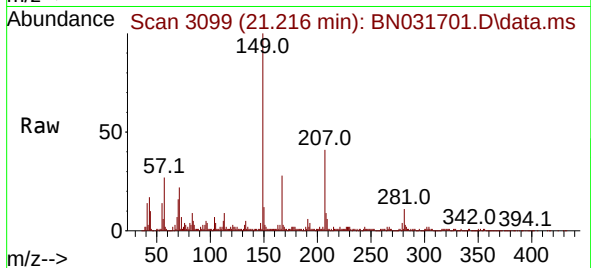
Tgt Ion:	228	Resp:	415459
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.7	25.1
226	29.9	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.977 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

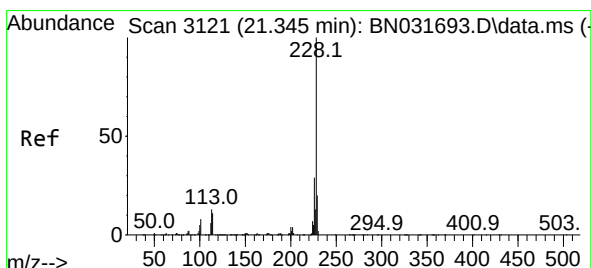
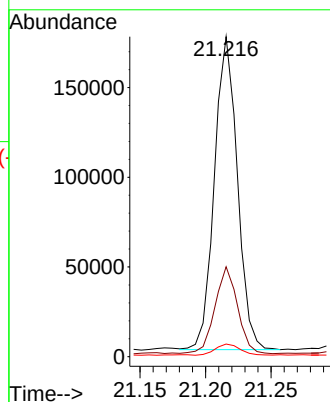
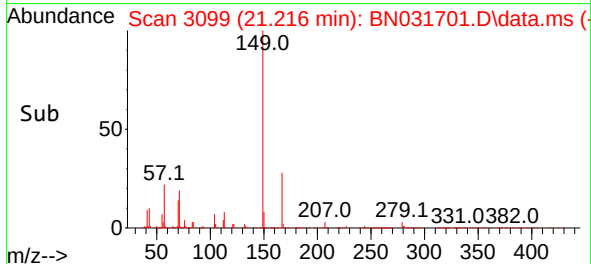
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 212154
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 3.9 3.3 4.9

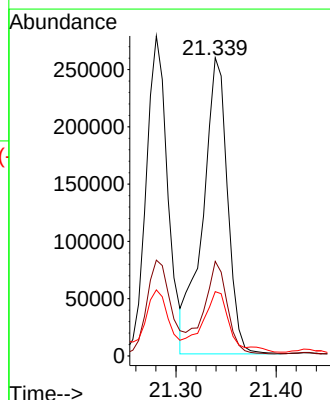
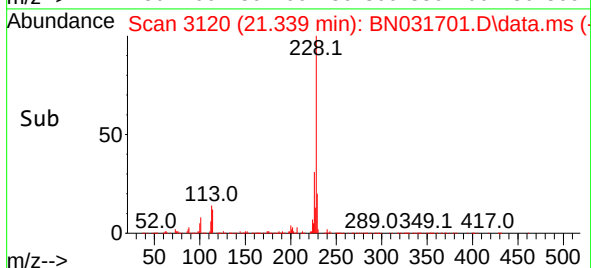
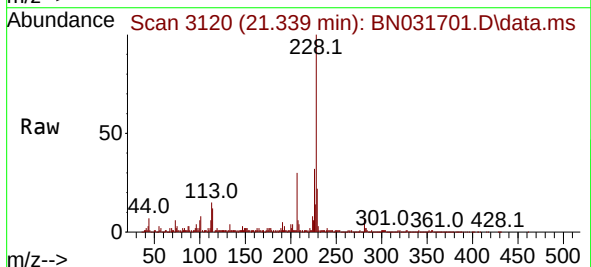
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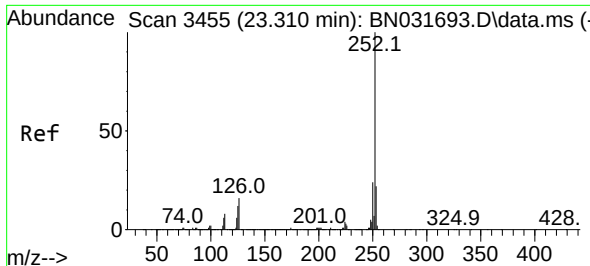
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Chrysene
Concen: 2.995 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

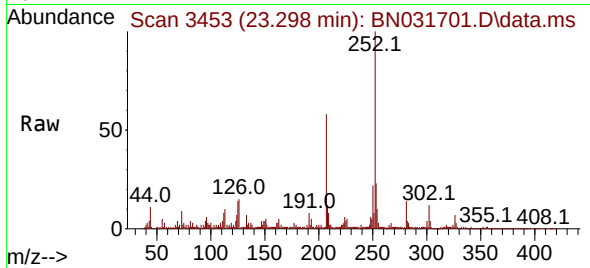
Tgt Ion:228 Resp: 444748
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 21.6 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 3.753 ng/ul m
RT: 23.298 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

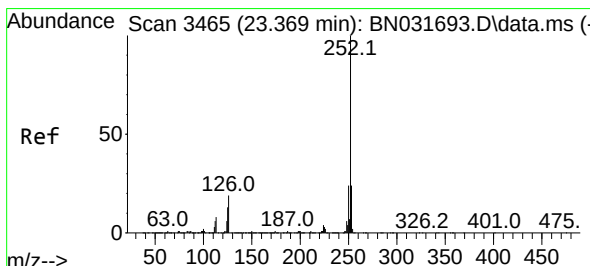
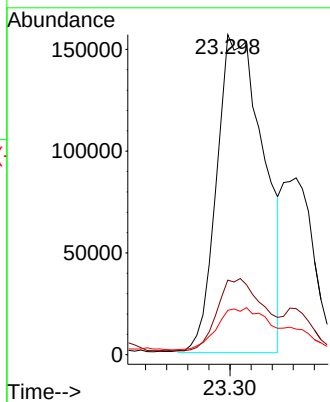
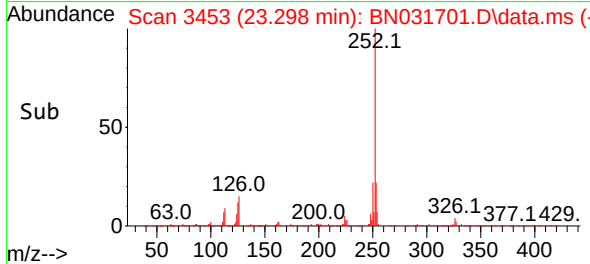
Instrument : BNA_N
ClientSampleId : BH6A0



Tgt Ion:252 Resp: 481764
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 13.9 9.2 13.8

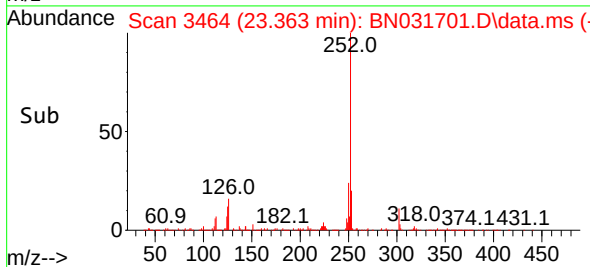
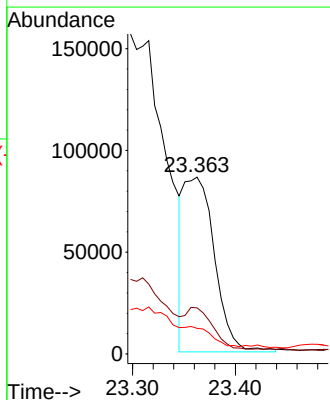
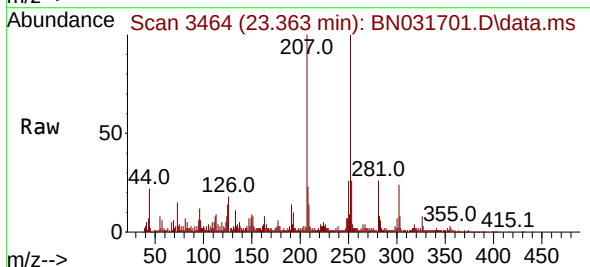
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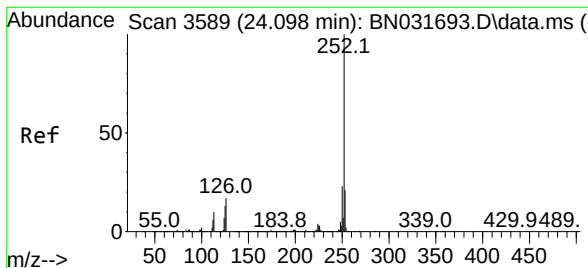
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#91
Benzo(k)fluoranthene
Concen: 1.422 ng/ul m
RT: 23.363 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

Tgt Ion:252 Resp: 179043
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 14.5 9.4 14.2





#93

Benzo(a)pyrene

Concen: 2.671 ng/ul

RT: 24.092 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Instrument :

BNA_N

ClientSampleId :

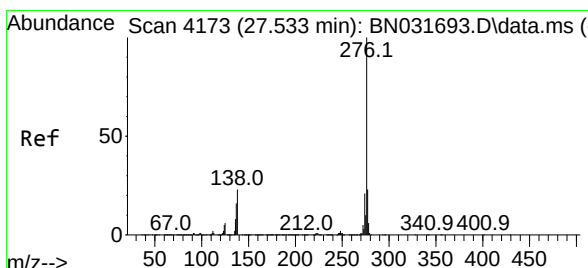
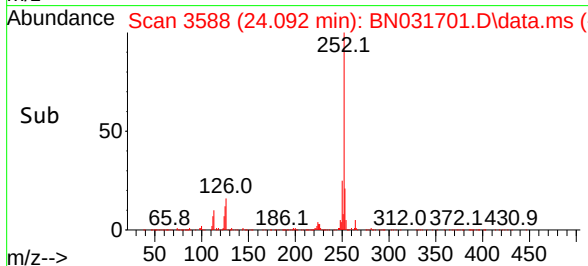
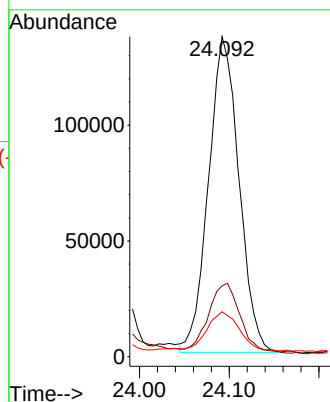
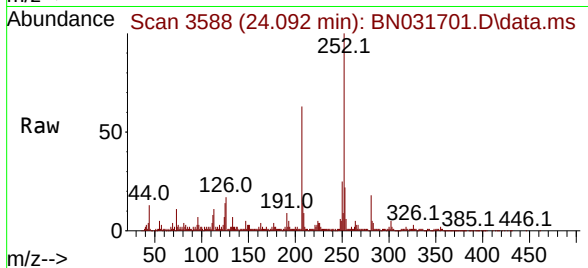
BH6A0

Tgt Ion:	252	Resp:	321150
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.6	24.8
125	14.0	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.434 ng/ul

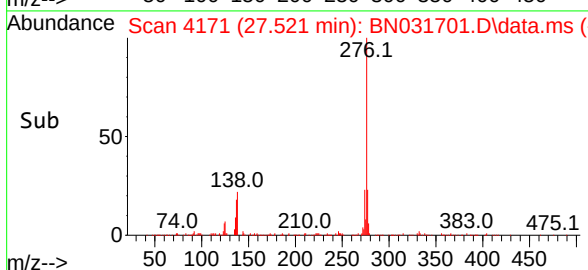
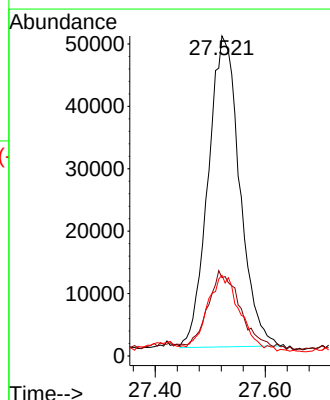
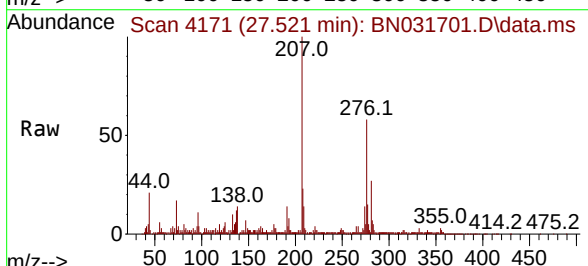
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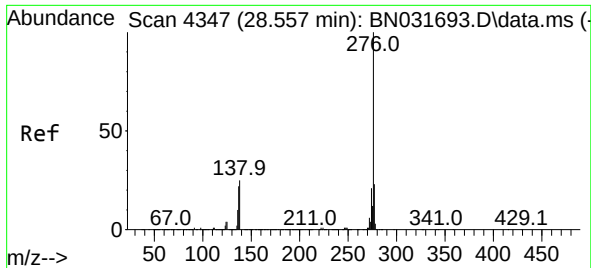
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Lab File: BN031701.D

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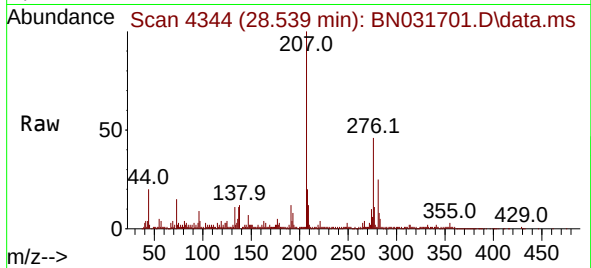
Tgt Ion:	276	Resp:	198695
Ion Ratio	Lower	Upper	
276	100		
138	24.5	18.1	27.1
277	25.2	18.2	27.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.854 ng/ul m
 RT: 28.539 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BN031701.D
 Acq: 29 May 2024 21:56

Instrument :
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Tgt Ion:276 Resp: 204152
 Ion Ratio Lower Upper
 276 100
 138 26.5 20.9 31.3
 277 24.9 18.0 27.0

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