

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031714.D
 Acq On : 30 May 2024 09:03
 Operator : MA/JU
 Sample : P2569-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A1

Manual Integrations
 APPROVED

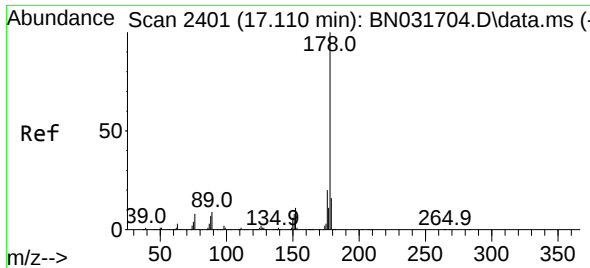
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 31 03:32:32 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)

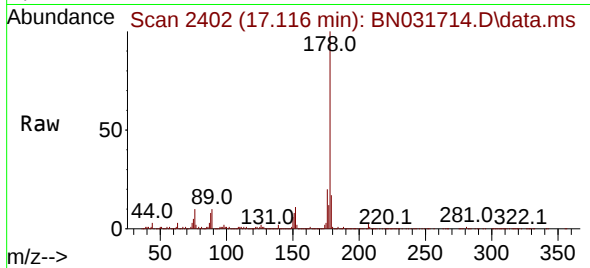
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	560556	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2433900	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1463230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2739640	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1631477	20.000	ng/u1	0.01
88) Perylene-d12	24.257	264	1727744	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	48507	3.580	ng/uL	0.00
4) Pyridine-d5	3.605	84	628676	16.483	ng/u1	0.00
7) Phenol-d5	6.863	99	1091143	22.706	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	623194	22.171	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	880206	24.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	849120	21.676	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	445513	23.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	467877	24.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	834315	23.248	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1041164	19.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2594462	25.452	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2972937	25.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	413518	20.260	ng/u1	0.00
60) Fluorene-d10	15.328	176	2158494	25.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	132350	9.611	ng/u1	0.01
73) Anthracene-d10	17.175	188	3008350	25.649	ng/u1	0.00
81) Pyrene-d10	19.475	212	2849711	32.641	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.057	264	2153019	26.097	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	379425	2.719	ng/u1	99
80) Fluoranthene	19.139	202	724779	6.947	ng/u1	98
82) Pyrene	19.504	202	691739	6.462	ng/u1	100
83) Butylbenzylphthalate	20.410	149	53354	1.055	ng/u1	91
85) Benzo(a)anthracene	21.298	228	307108	2.812	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.227	149	169083	2.294	ng/u1#	94
87) Chrysene	21.357	228	335864m	3.293	ng/u1	
90) Benzo(b)fluoranthene	23.327	252	420146	4.068	ng/u1#	92
91) Benzo(k)fluoranthene	23.380	252	132035	1.303	ng/u1#	89
93) Benzo(a)pyrene	24.116	252	291097	3.010	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.562	276	211571m	1.898	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	202036	2.280	ng/u1	97

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



#72
Phenanthrene
Concen: 2.719 ng/ul
RT: 17.116 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03

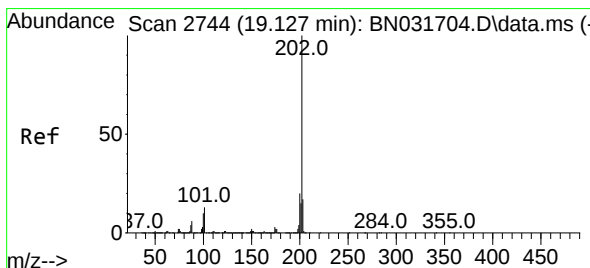
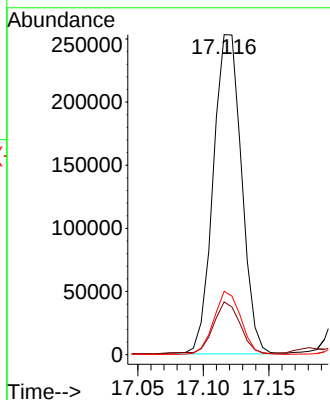
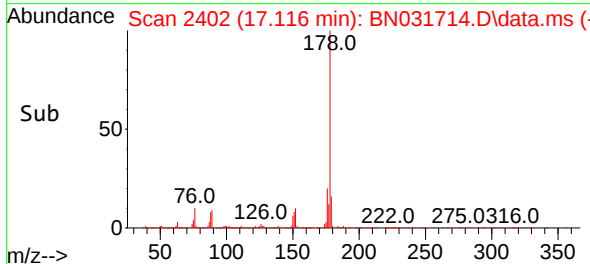
Instrument :
BNA_N
ClientSampleId :
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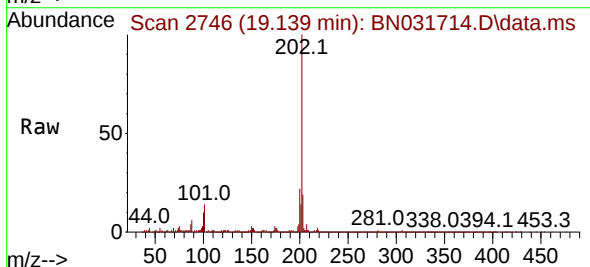
Tgt Ion:178 Resp: 379425
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.8 15.8 23.6

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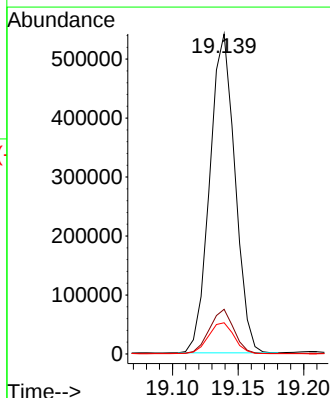
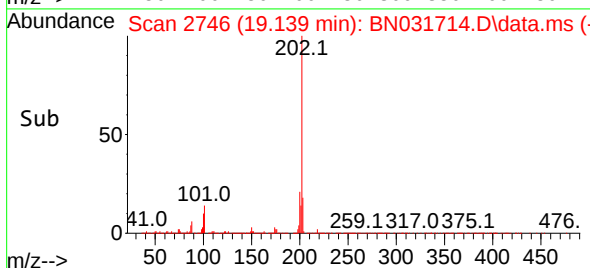
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

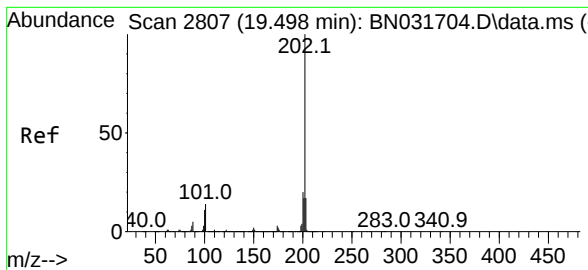


#80
Fluoranthene
Concen: 6.947 ng/ul
RT: 19.139 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03



Tgt Ion:202 Resp: 724779
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 9.8 8.0 12.0





#82

Pyrene

Concen: 6.462 ng/ul

RT: 19.504 min Scan# 2808

Delta R.T. 0.012 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

Instrument :

BNA_N

ClientSampleId :

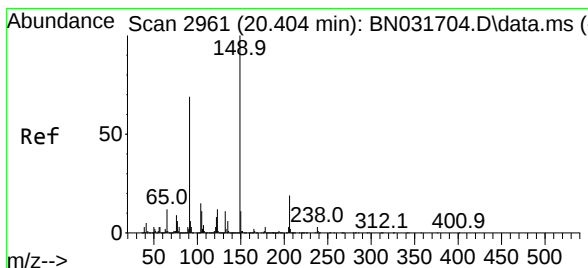
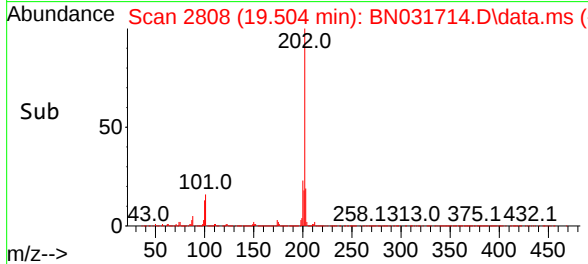
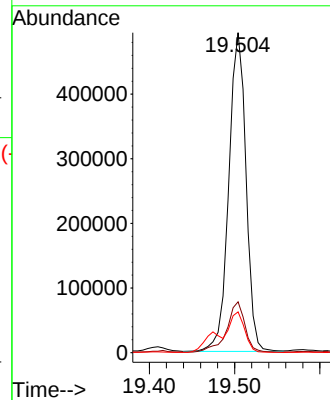
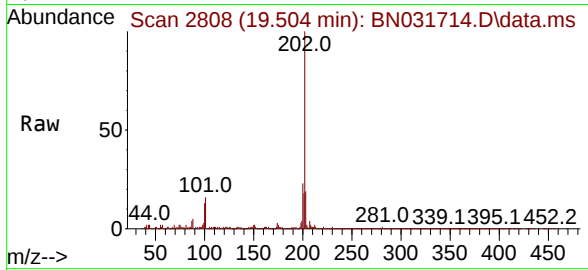
BH6A1

Tgt Ion:	202	Resp:	691739
Ion Ratio	Lower	Upper	
202	100		
101	15.9	12.6	18.8
100	12.8	10.2	15.2

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 1.055 ng/ul

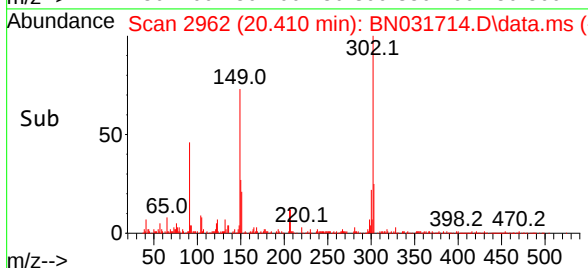
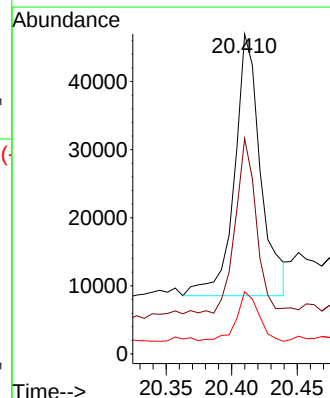
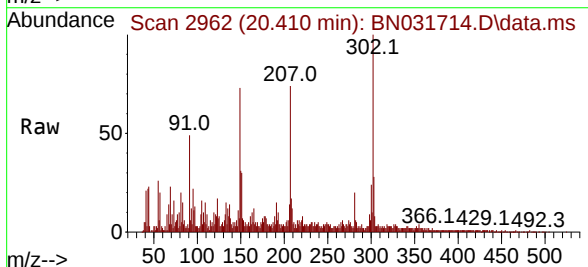
RT: 20.410 min Scan# 2962

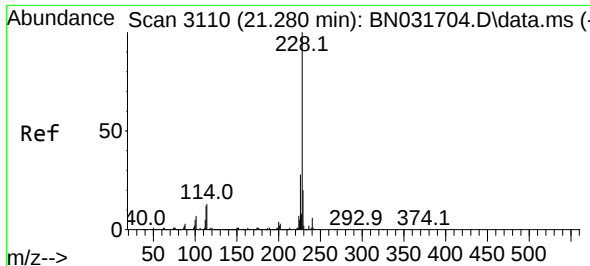
Delta R.T. 0.006 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

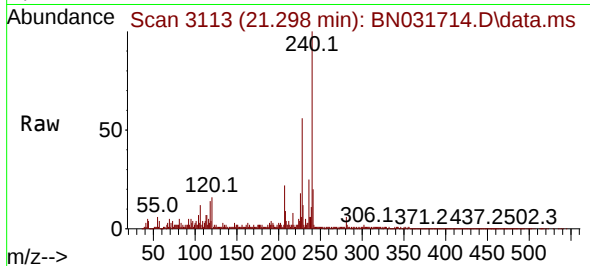
Tgt Ion:	149	Resp:	53354
Ion Ratio	Lower	Upper	
149	100		
91	67.3	61.0	91.4
206	19.4	16.5	24.7





#85
Benzo(a)anthracene
Concen: 2.812 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03

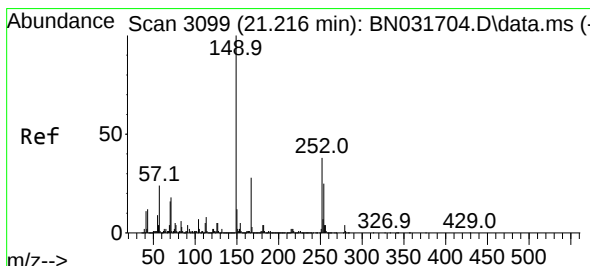
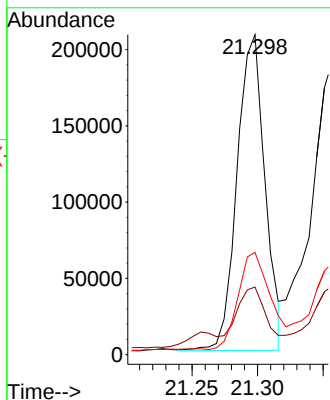
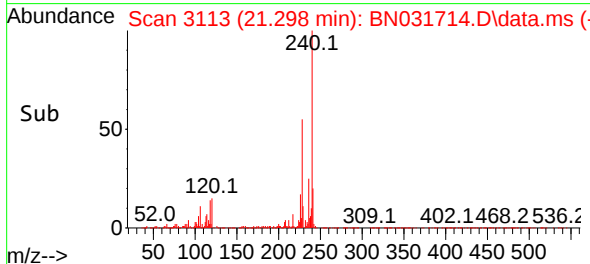
Instrument :
BNA_N
ClientSampleId :
BH6A1



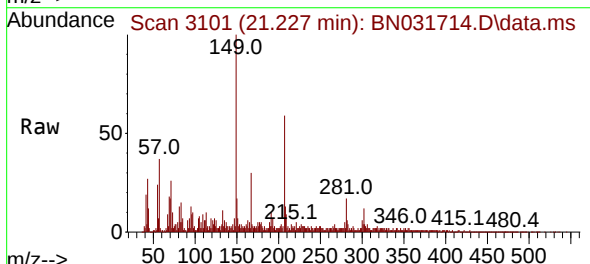
Tgt Ion:228 Resp: 307108
Ion Ratio Lower Upper
228 100
229 21.2 16.7 25.1
226 31.9 22.8 34.2

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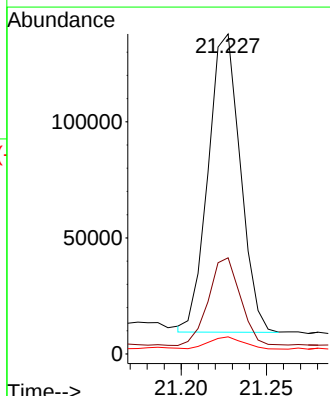
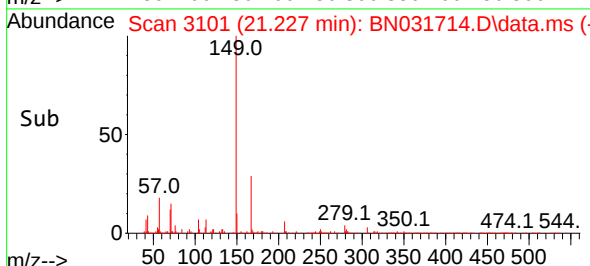
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

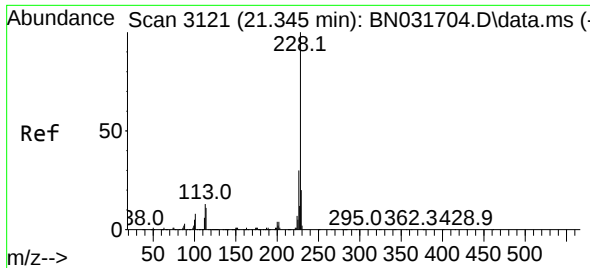


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.294 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03



Tgt Ion:149 Resp: 169083
Ion Ratio Lower Upper
149 100
167 30.1 21.4 32.0
279 5.4 3.3 4.9#





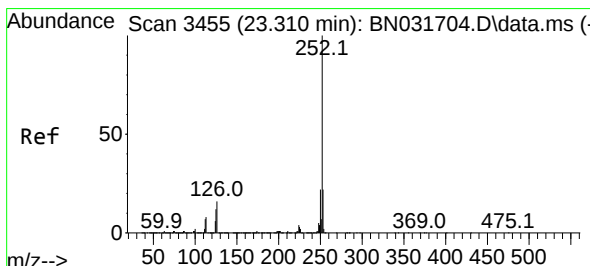
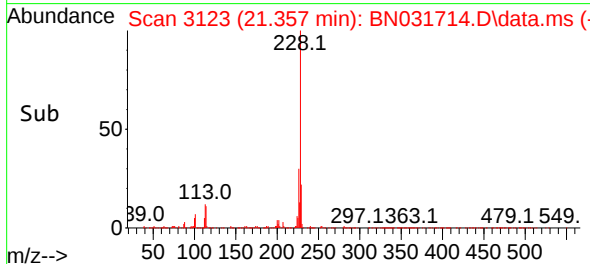
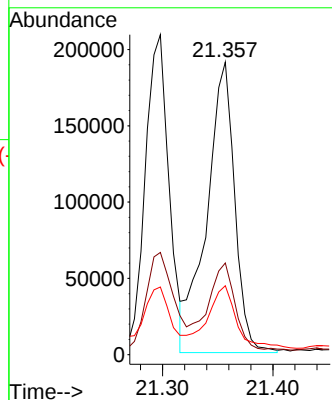
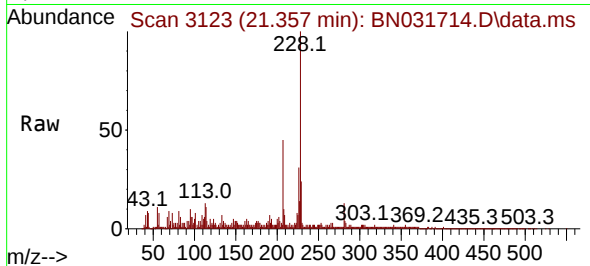
#87
Chrysene
Concen: 3.293 ng/ul m
RT: 21.357 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03

Instrument :
BNA_N
ClientSampleId :
BH6A1

Tgt Ion:228 Resp: 335864
Ion Ratio Lower Upper
228 100
226 31.3 23.7 35.5
229 23.6 15.1 22.7

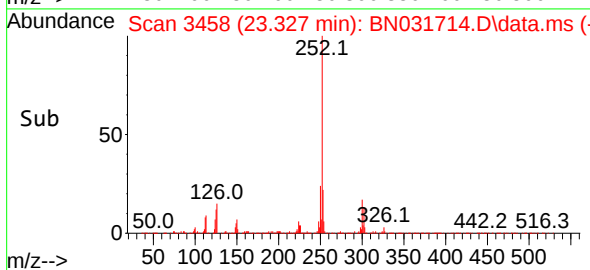
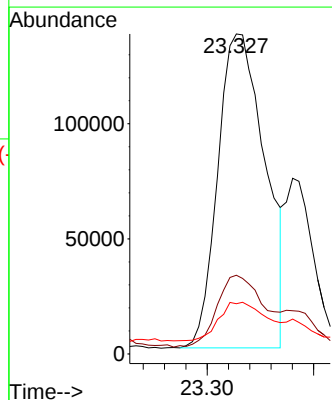
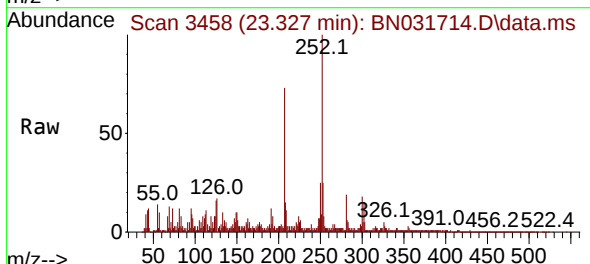
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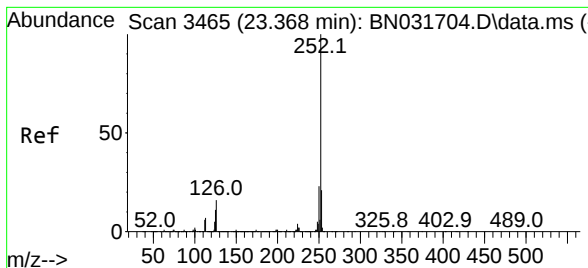
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#90
Benzo(b)fluoranthene
Concen: 4.068 ng/ul
RT: 23.327 min Scan# 3458
Delta R.T. 0.018 min
Lab File: BN031714.D
Acq: 30 May 2024 09:03

Tgt Ion:252 Resp: 420146
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.6
125 15.7 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 1.303 ng/ul

RT: 23.380 min Scan# 3465

Delta R.T. 0.006 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

Instrument :

BNA_N

ClientSampleId :

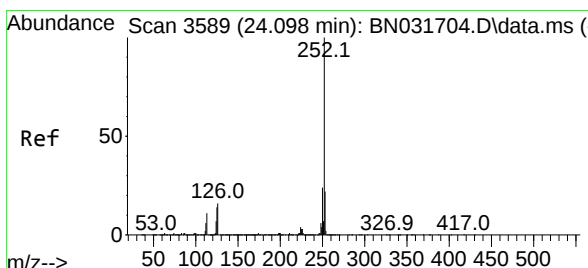
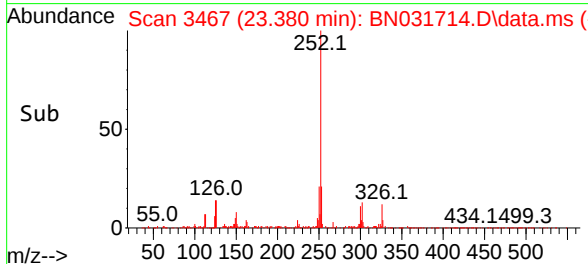
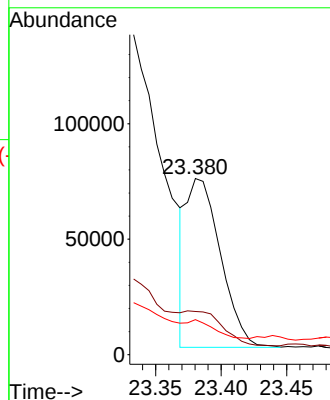
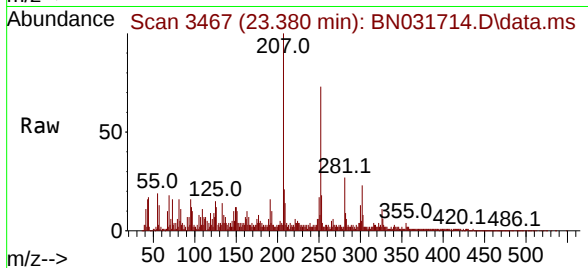
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Tgt Ion:252	Resp:	132035
Ion Ratio	Lower	Upper
252	100	
253	24.6	17.6 26.4
125	19.9	9.4 14.2

Manual Integrations

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Supervised By :mohammad ahmed 05/31/2024



#93

Benzo(a)pyrene

Concen: 3.010 ng/ul

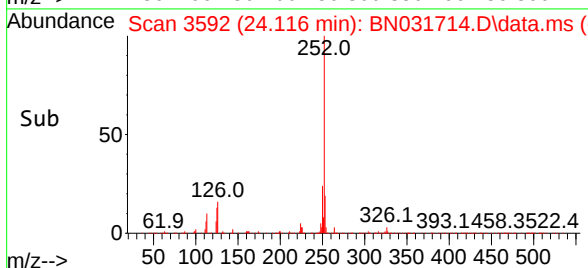
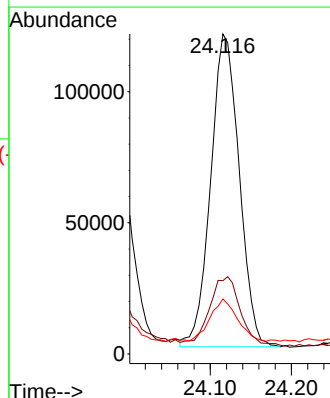
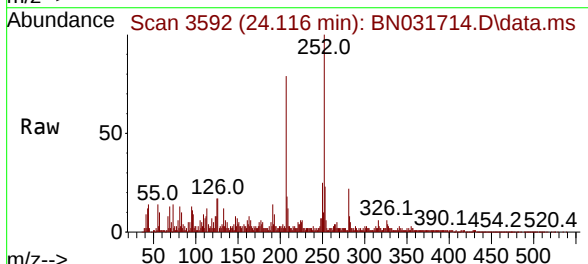
RT: 24.116 min Scan# 3592

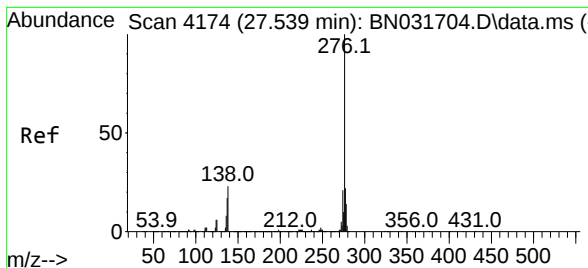
Delta R.T. 0.012 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

Tgt Ion:252	Resp:	291097
Ion Ratio	Lower	Upper
252	100	
253	22.9	16.6 24.8
125	17.2	9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.898 ng/ul m

RT: 27.562 min Scan# 4178

Delta R.T. 0.029 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

Instrument :

BNA_N

ClientSampleId :

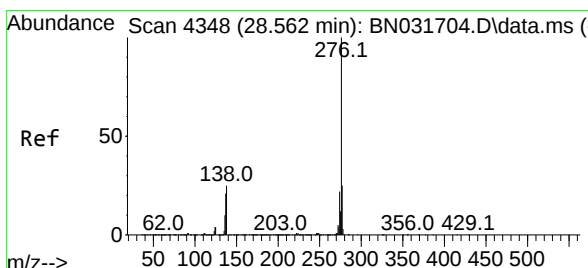
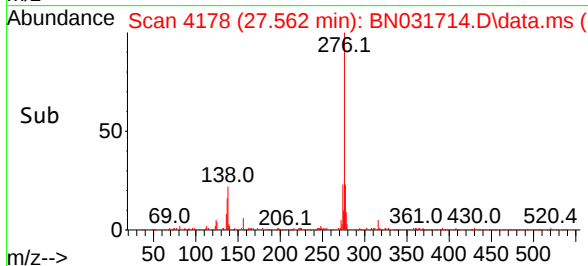
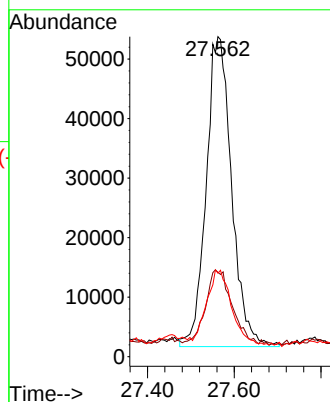
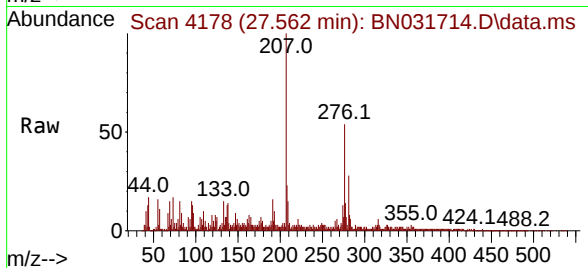
BH6A1

Tgt Ion:	276	Resp:	21157
Ion Ratio	Lower	Upper	
276	100		
138	26.4	18.1	27.1
277	26.1	18.2	27.2

Manual Integrations

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



#96

Benzo(g,h,i)perylene

Concen: 2.280 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031714.D

Acq: 30 May 2024 09:03

Tgt Ion:	276	Resp:	202036
Ion Ratio	Lower	Upper	
276	100		
138	26.3	20.9	31.3
277	25.8	18.0	27.0

