

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029794.D
 Acq On : 15 Feb 2024 06:28
 Operator : MA/JU
 Sample : P1329-06
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FL5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/16/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 15 06:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	169605	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	688198	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	370563	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	766967	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	688035	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	765035	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	18902	3.666	ng/uL	0.00
4) Pyridine-d5	3.734	84	165008	11.999	ng/u1	0.00
7) Phenol-d5	7.040	99	345723	21.793	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	221619	20.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	273491	23.790	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	114250	9.657	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	136417	25.540	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	148001	31.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	230890	25.146	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	282317	18.022	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	777509	28.182	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	890351	27.175	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	121751	23.251	ng/u1	0.00
60) Fluorene-d10	15.510	176	662988	28.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	77695	20.790	ng/u1	0.00
73) Anthracene-d10	17.363	188	954324	26.550	ng/u1	0.00
81) Pyrene-d10	19.663	212	1291724	31.285	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1208277	31.563	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.699	105	39313	2.088	ng/u1	98
72) Phenanthrene	17.304	178	276215	6.226	ng/u1	99
74) Anthracene	17.398	178	51039	1.146	ng/u1	95
80) Fluoranthene	19.328	202	728727	14.529	ng/u1	98
82) Pyrene	19.692	202	646040	12.176	ng/u1	95
85) Benzo(a)anthracene	21.451	228	357286	7.069	ng/u1	97
87) Chrysene	21.504	228	330360	6.974	ng/u1	96
90) Benzo(b)fluoranthene	23.116	252	392271	8.141	ng/u1	96
91) Benzo(k)fluoranthene	23.163	252	163463m	3.314	ng/u1	
93) Benzo(a)pyrene	23.733	252	255188	5.522	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.280	276	145283	2.582	ng/u1	97
96) Benzo(g,h,i)perylene	27.027	276	120970	2.570	ng/u1	95

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

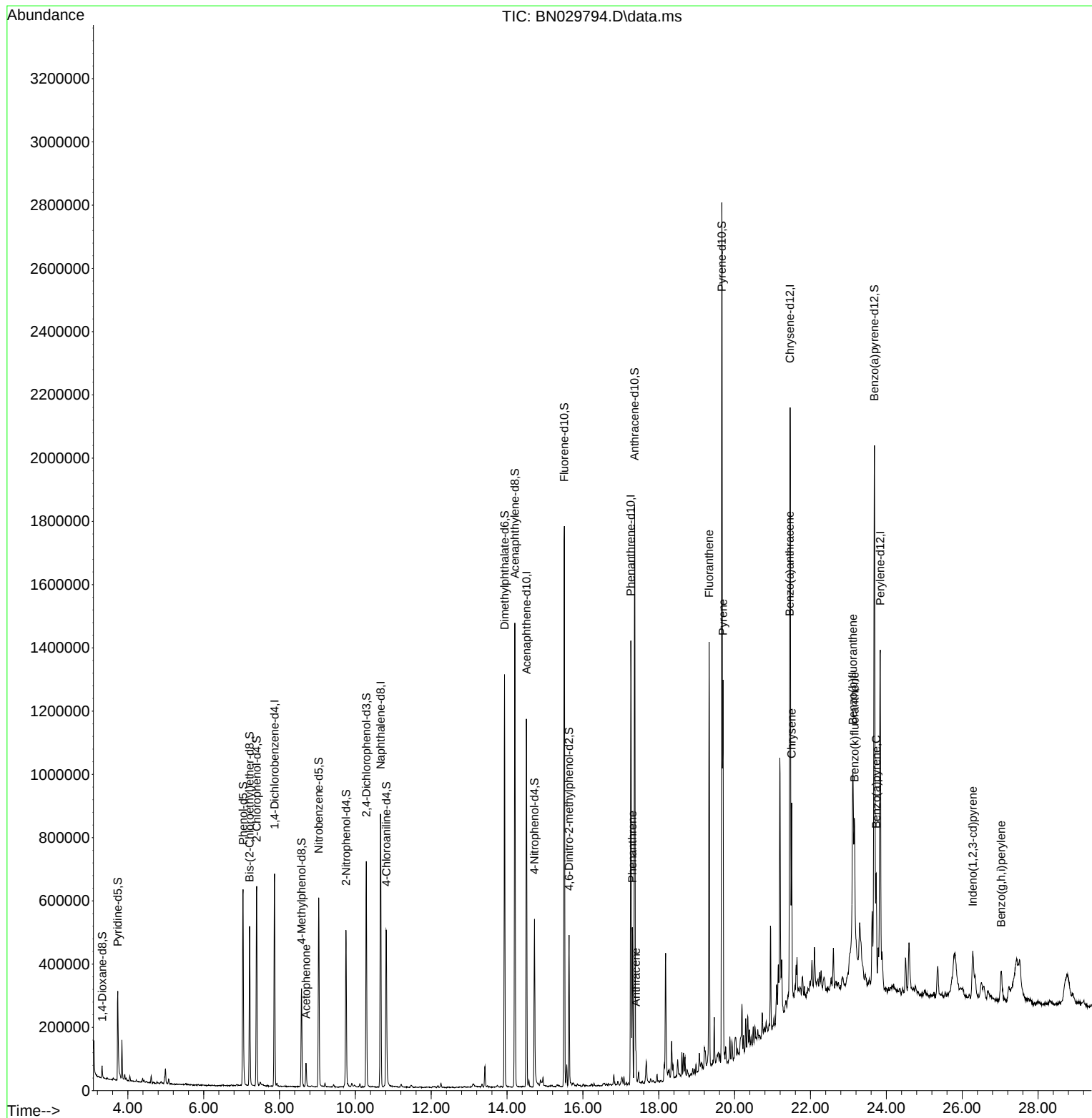
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029794.D
Acq On : 15 Feb 2024 06:28
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 73 Sample Multiplier: 1

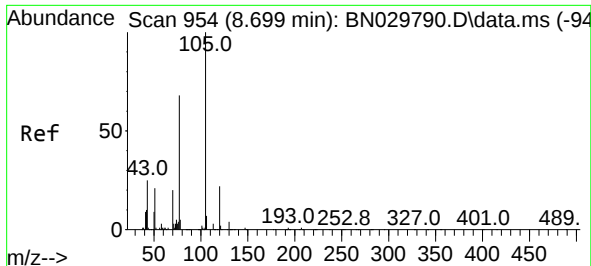
Instrument :
BNA_N
ClientSampleId :
COFL5

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Supervised By :mohammad ahmed 02/17/2024

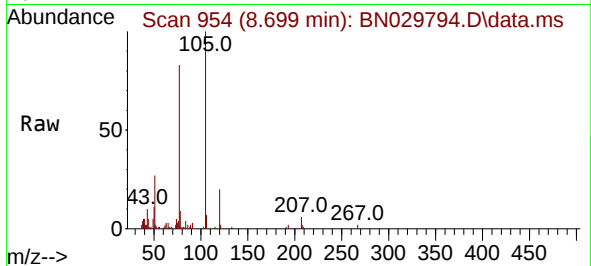
Quant Time: Feb 15 06:55:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.088 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28

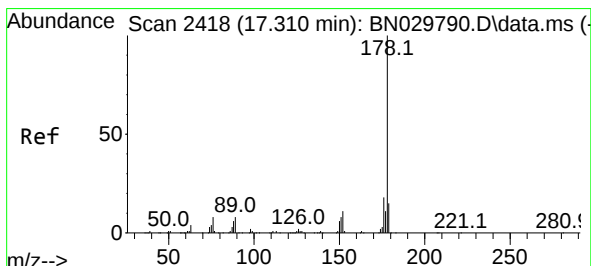
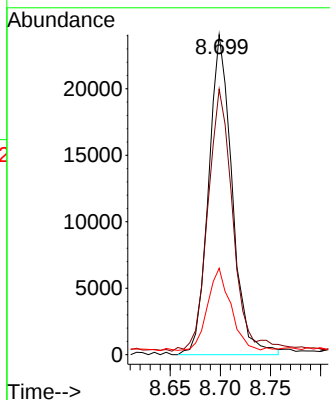
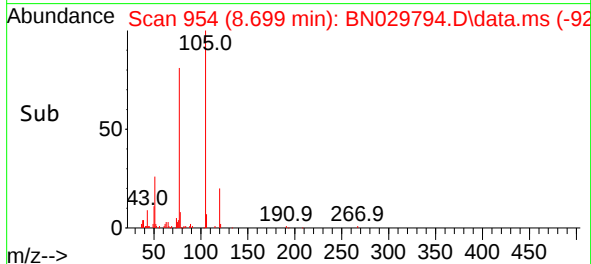
Instrument :
BNA_N
ClientSampleId :
C0FL5



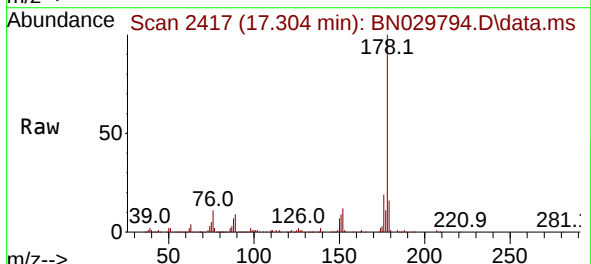
Tgt Ion:105 Resp: 3931
Ion Ratio Lower Upper
105 100
77 83.0 67.4 101.0
51 27.0 20.7 31.1

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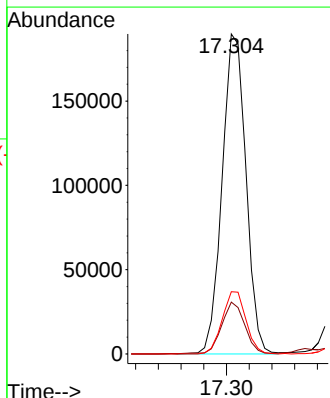
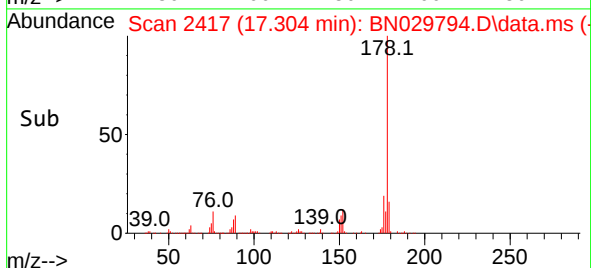
Reviewed By :Yogesh Patel 02/16/2024
Supervised By :mohammad ahmed 02/17/2024

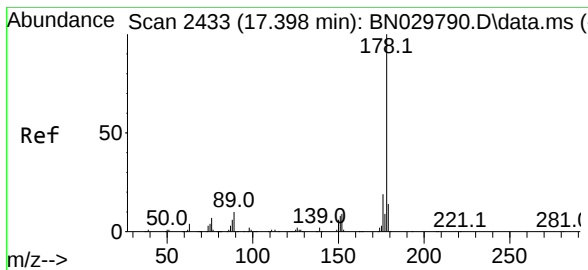


#72
Phenanthrene
Concen: 6.226 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28



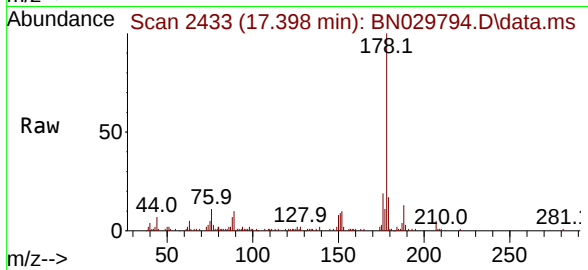
Tgt Ion:178 Resp: 276215
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 19.5 15.7 23.5





#74
 Anthracene
 Concen: 1.146 ng/u1
 RT: 17.398 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN029794.D
 Acq: 15 Feb 2024 06:28

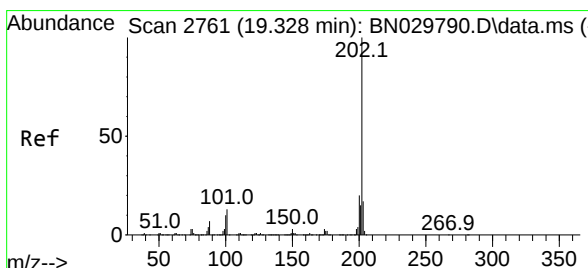
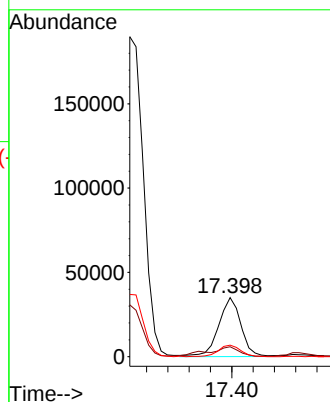
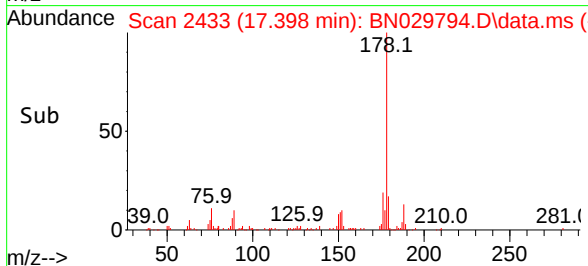
Instrument :
 BNA_N
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 C0FL5



Tgt Ion:178 Resp: 51039
 Ion Ratio Lower Upper
 178 100
 179 16.8 11.6 17.4
 176 19.4 14.2 21.2

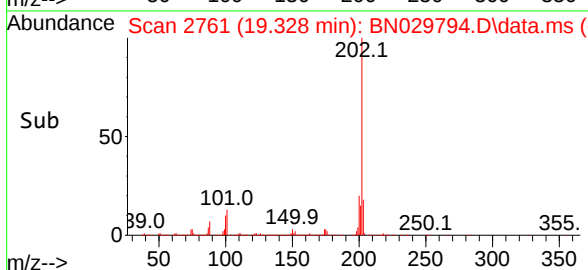
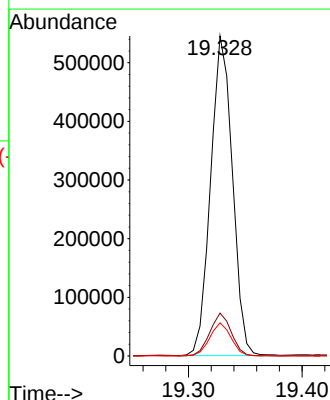
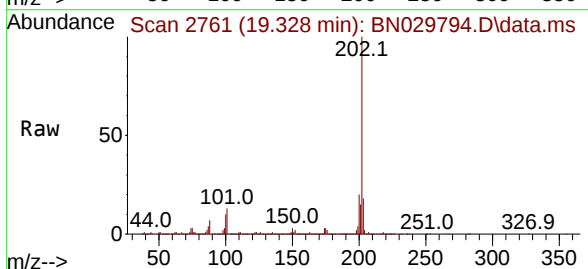
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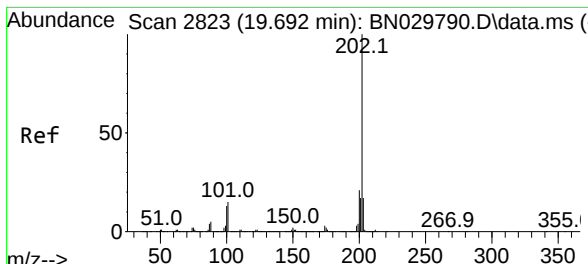
Reviewed By :Yogesh Patel 02/16/2024
 Supervised By :mohammad ahmed 02/17/2024



#80
 Fluoranthene
 Concen: 14.529 ng/u1
 RT: 19.328 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BN029794.D
 Acq: 15 Feb 2024 06:28

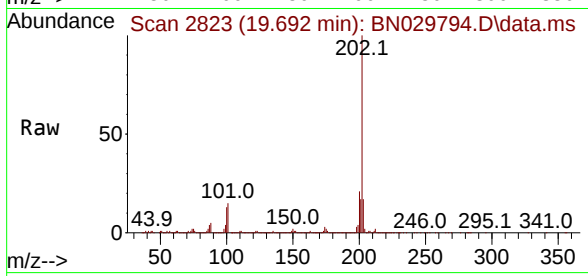
Tgt Ion:202 Resp: 728727
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.1 16.7
 100 10.4 8.9 13.3





#82
 Pyrene
 Concen: 12.176 ng/ul
 RT: 19.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029794.D
 Acq: 15 Feb 2024 06:28

Instrument :
 BNA_N
 ClientSampleId :
 C0FL5

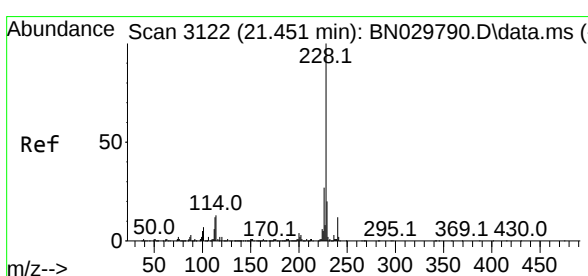
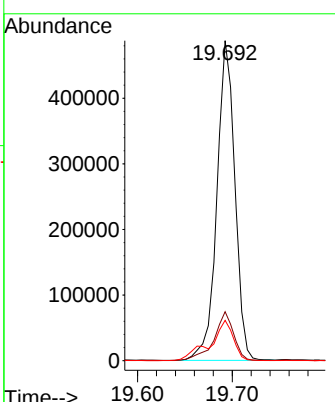
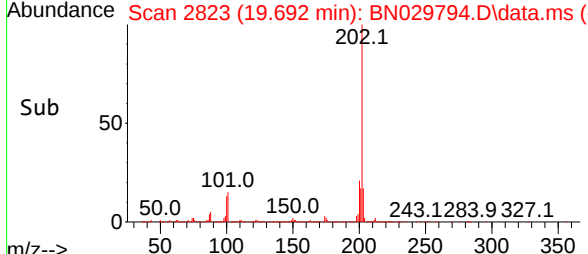


Tgt Ion: 202 Resp: 646040

Ion	Ratio	Lower	Upper
202	100		
101	15.3	14.2	21.4
100	12.6	11.4	17.2

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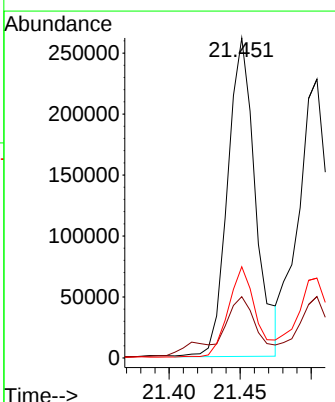
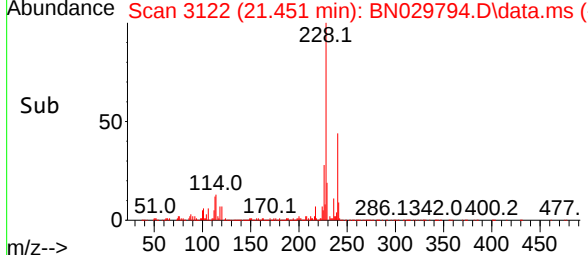
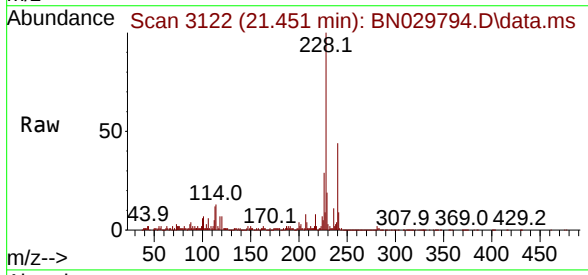
Reviewed By : Yogesh Patel 02/16/2024
 Supervised By : mohammad ahmed 02/17/2024

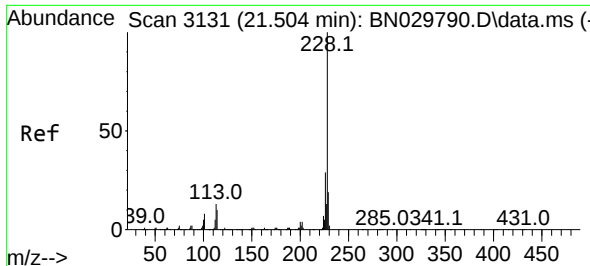


#85
 Benzo(a)anthracene
 Concen: 7.069 ng/ul
 RT: 21.451 min Scan# 3122
 Delta R.T. 0.000 min
 Lab File: BN029794.D
 Acq: 15 Feb 2024 06:28

Tgt Ion: 228 Resp: 357286

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.0	22.6
226	28.5	21.0	31.6





#87

Chrysene

Concen: 6.974 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BN029794.D

Acq: 15 Feb 2024 06:28

Instrument :

BNA_N

ClientSampleId :

C0FL5

Tgt Ion:228 Resp: 330360

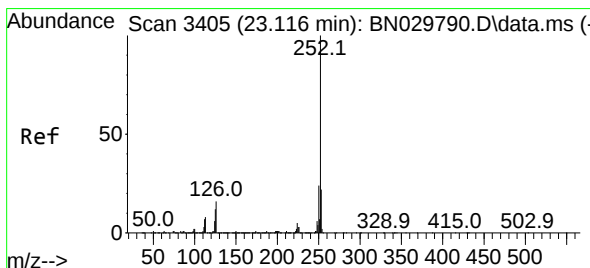
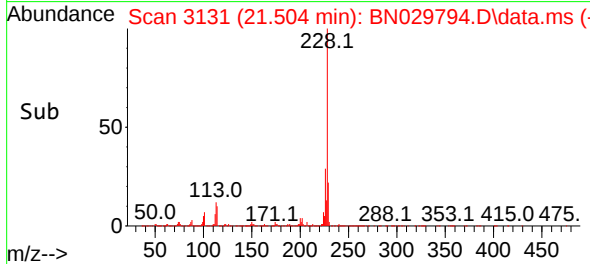
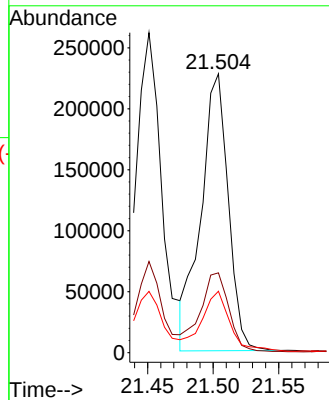
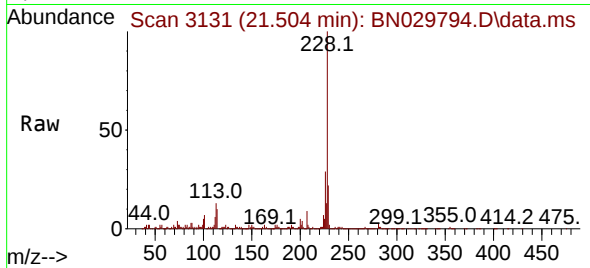
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.6	37.0
229	22.0	16.2	24.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/16/2024

Supervised By :mohammad ahmed 02/17/2024



#90

Benzo(b)fluoranthene

Concen: 8.141 ng/ul

RT: 23.116 min Scan# 3405

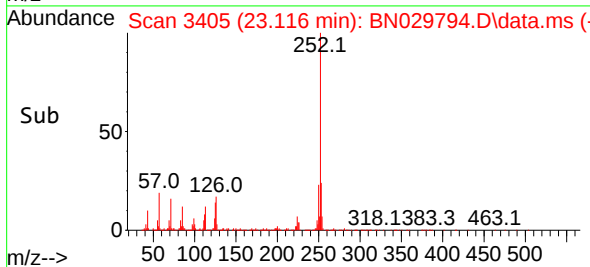
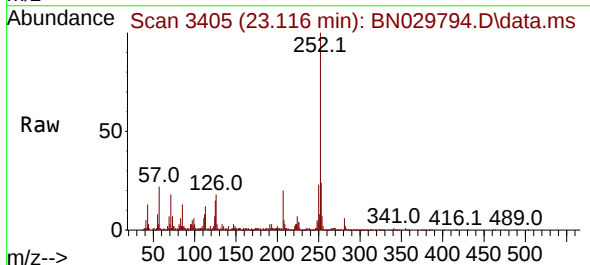
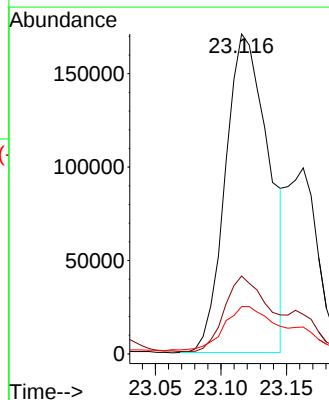
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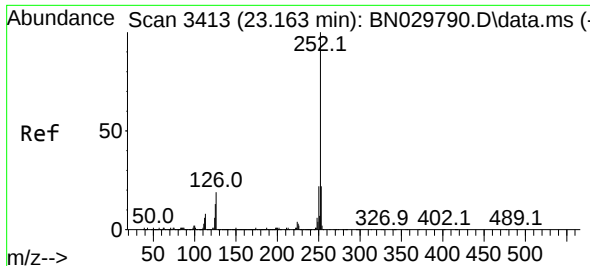
Lab File: BN029794.D

Acq: 15 Feb 2024 06:28

Tgt Ion:252 Resp: 392271

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	14.8	11.1	16.7





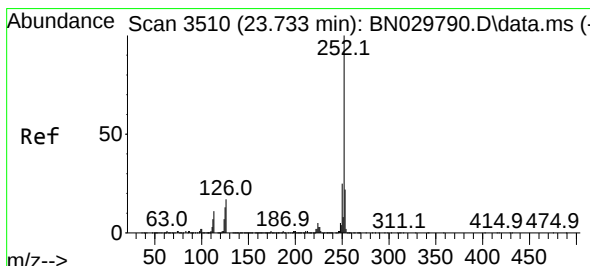
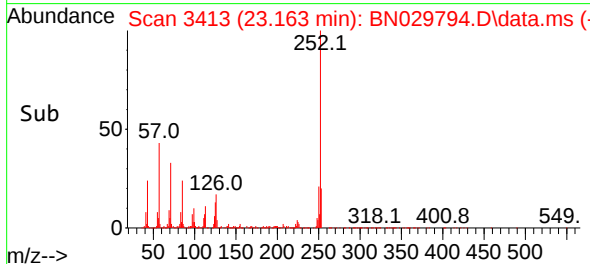
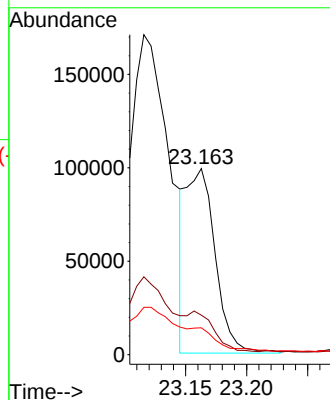
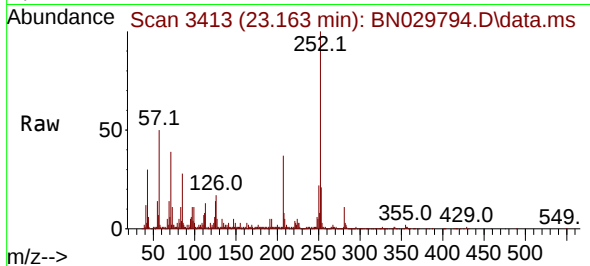
#91
Benzo(k)fluoranthene
Concen: 3.314 ng/ul m
RT: 23.163 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28

Instrument :
BNA_N
ClientSampleId :
C0FL5

Tgt Ion:252 Resp: 16346
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 14.5 11.2 16.8

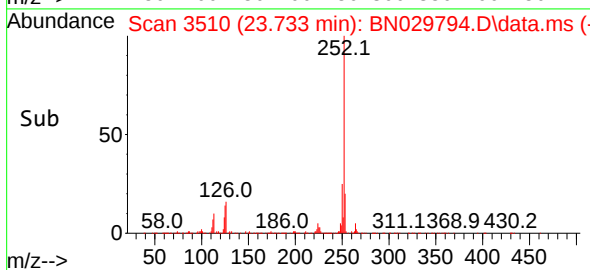
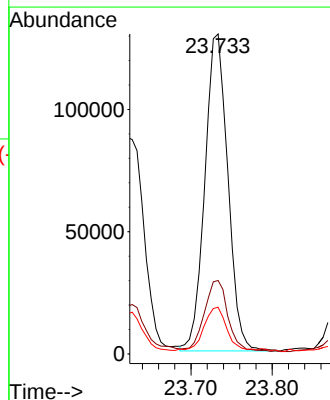
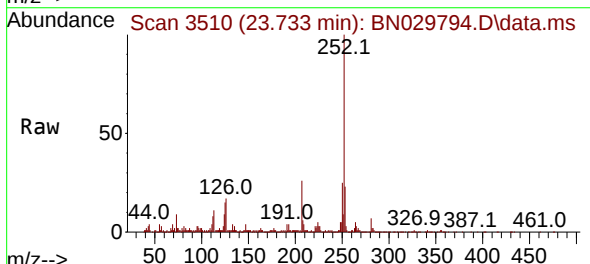
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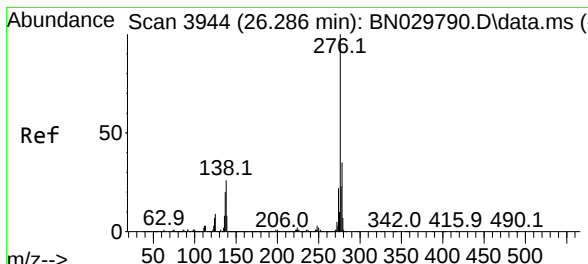
Reviewed By :Yogesh Patel 02/16/2024
Supervised By :mohammad ahmed 02/17/2024



#93
Benzo(a)pyrene
Concen: 5.522 ng/ul
RT: 23.733 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28

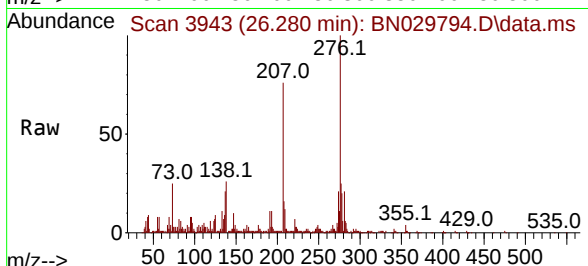
Tgt Ion:252 Resp: 255188
Ion Ratio Lower Upper
252 100
253 23.0 18.8 28.2
125 14.6 12.2 18.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.582 ng/ul
RT: 26.280 min Scan# 3944
Delta R.T. 0.000 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28

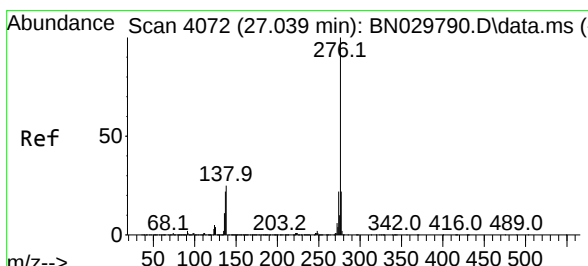
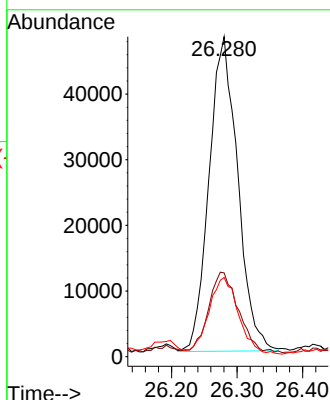
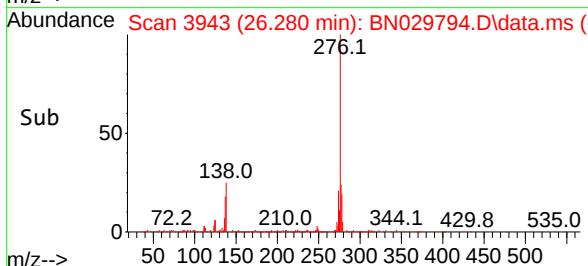
Instrument :
BNA_N
ClientSampleId :
C0FL5



Tgt Ion:276 Resp: 14528
Ion Ratio Lower Upper
276 100
138 26.2 21.7 32.5
277 24.7 17.8 26.8

Manual Integrations
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Reviewed By :Yogesh Patel 02/16/2024
Supervised By :mohammad ahmed 02/17/2024



#96
Benzo(g,h,i)perylene
Concen: 2.570 ng/ul
RT: 27.027 min Scan# 4070
Delta R.T. -0.006 min
Lab File: BN029794.D
Acq: 15 Feb 2024 06:28

Tgt Ion:276 Resp: 120970
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
277 24.2 18.6 28.0

