

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029733.D
 Acq On : 13 Feb 2024 14:15
 Operator : MA/JU
 Sample : P1305-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 13 14:55:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	249604	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.669	136	1010521	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.516	164	492460	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.269	188	846801	20.000	ng/u1	-0.01
79) Chrysene-d12	21.468	240	631074	20.000	ng/u1	-0.01
88) Perylene-d12	23.845	264	734483	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	29438	3.879	ng/uL	0.00
4) Pyridine-d5	3.734	84	390182	19.280	ng/u1	0.00
7) Phenol-d5	7.040	99	529379	22.674	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	366159	23.500	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.398	132	413046	24.414	ng/u1	-0.02
15) 4-Methylphenol-d8	8.581	113	384564	22.087	ng/u1	-0.02
21) Nitrobenzene-d5	9.040	128	201061	25.636	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.757	143	197139	28.861	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.292	165	341554	25.333	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.816	131	505368	21.971	ng/u1	-0.02
46) Dimethylphthalate-d6	13.939	166	989558	26.990	ng/u1	-0.01
49) Acenaphthylene-d8	14.210	160	1151531	26.447	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.722	143	118863	17.081	ng/u1	-0.01
60) Fluorene-d10	15.510	176	787360	25.243	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.633	200	83157	20.154	ng/u1	-0.01
73) Anthracene-d10	17.369	188	935590	23.575	ng/u1	-0.01
81) Pyrene-d10	19.668	212	1077144	28.442	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	1017226	27.678	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.310	178	544087	11.107	ng/u1	98
74) Anthracene	17.398	178	83315	1.695	ng/u1	98
77) Carbazole	17.680	167	56785	1.265	ng/u1	98
80) Fluoranthene	19.333	202	992165	21.567	ng/u1	100
82) Pyrene	19.698	202	859670	17.664	ng/u1	97
85) Benzo(a)anthracene	21.451	228	393127	8.480	ng/u1	99
87) Chrysene	21.509	228	406335	9.353	ng/u1	97
90) Benzo(b)fluoranthene	23.127	252	504740	10.910	ng/u1	98
91) Benzo(k)fluoranthene	23.162	252	151873m	3.207	ng/u1	
93) Benzo(a)pyrene	23.739	252	309942	6.986	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.292	276	175473	3.248	ng/u1	97
95) Dibenzo(a,h)anthracene	26.303	278	45140	1.023	ng/u1	94
96) Benzo(g,h,i)perylene	27.039	276	170257	3.768	ng/u1	95

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

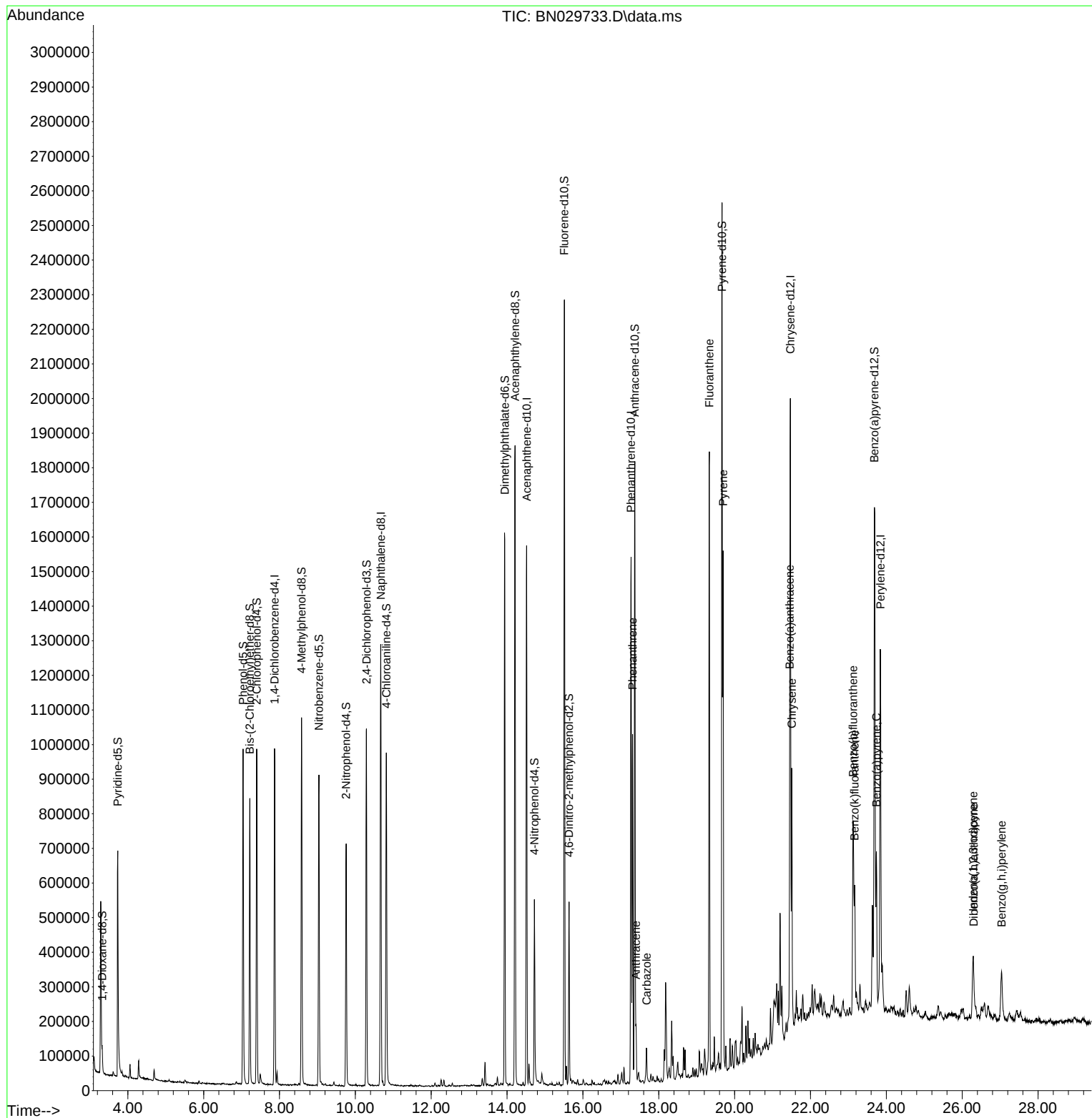
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029733.D
Acq On : 13 Feb 2024 14:15
Operator : MA/JU
Sample : P1305-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

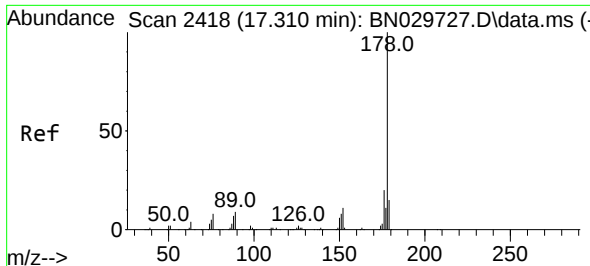
Instrument :
BNA_N
ClientSampleId :
C0FP6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

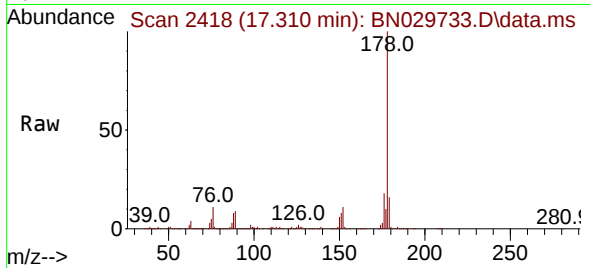
Quant Time: Feb 13 14:55:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 11.107 ng/ul
RT: 17.310 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BN029733.D
Acq: 13 Feb 2024 14:15

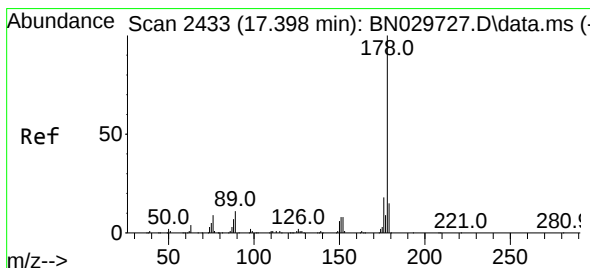
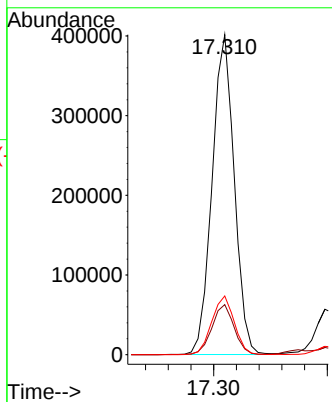
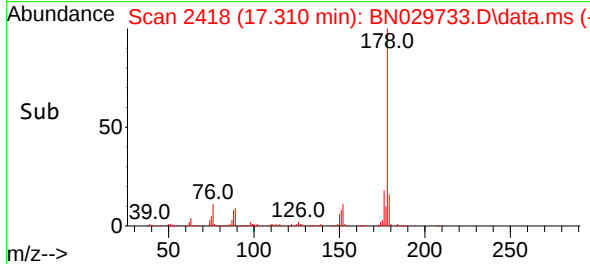
Instrument :
BNA_N
ClientSampleId :
C0FP6



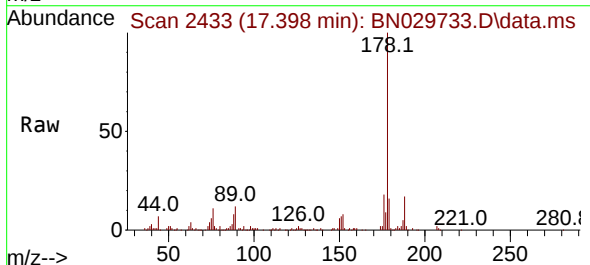
Tgt Ion:178 Resp: 54408
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.3 15.7 23.5

Manual Integrations
APPROVED

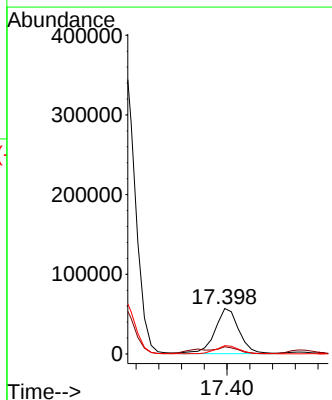
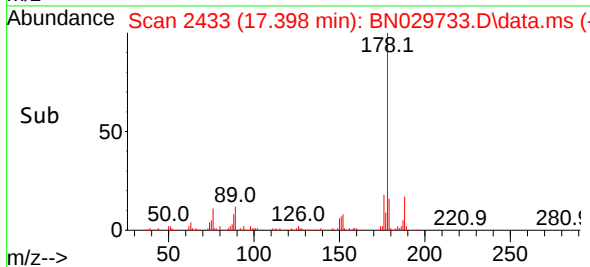
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

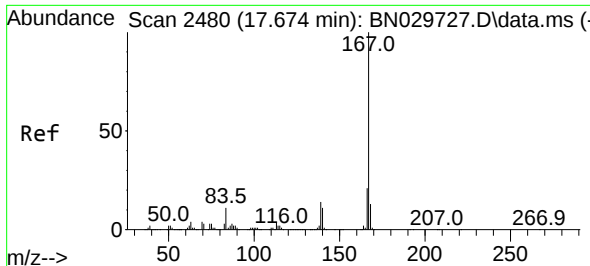


#74
Anthracene
Concen: 1.695 ng/ul
RT: 17.398 min Scan# 2433
Delta R.T. -0.018 min
Lab File: BN029733.D
Acq: 13 Feb 2024 14:15



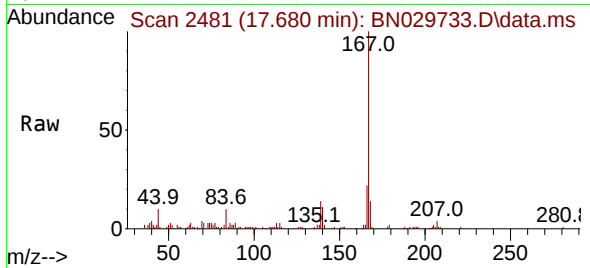
Tgt Ion:178 Resp: 83315
Ion Ratio Lower Upper
178 100
179 15.8 11.6 17.4
176 18.1 14.2 21.2





#77
 Carbazole
 Concen: 1.265 ng/ul
 RT: 17.680 min Scan# 2480
 Delta R.T. -0.012 min
 Lab File: BN029733.D
 Acq: 13 Feb 2024 14:15

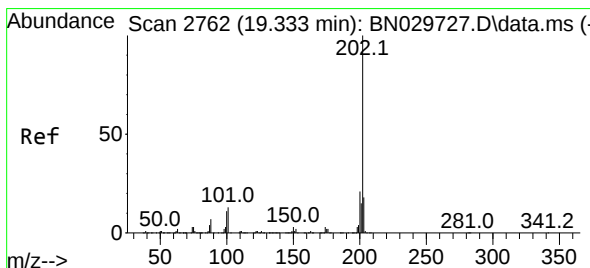
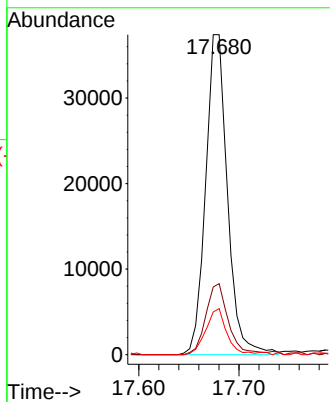
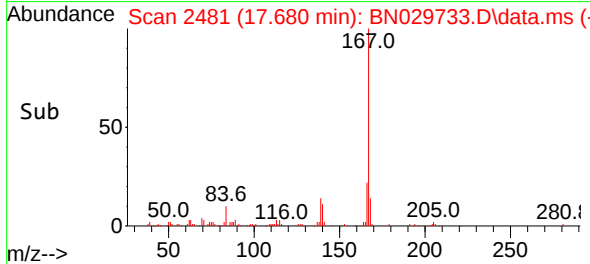
Instrument :
 BNA_N
 ClientSampleId :
 C0FP6



Tgt Ion:167 Resp: 56785
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.6 25.0
 139 14.4 11.4 17.0

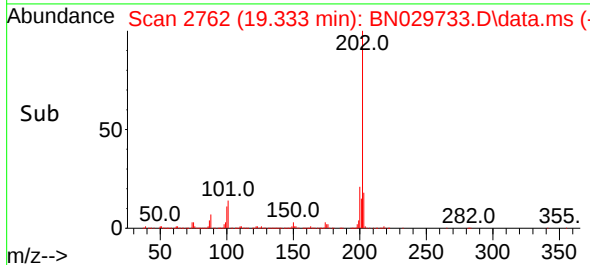
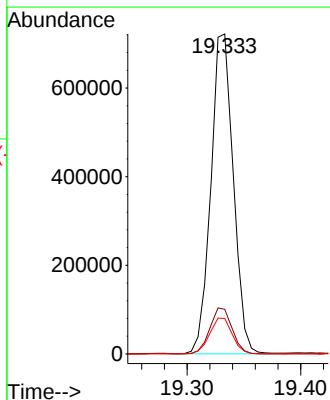
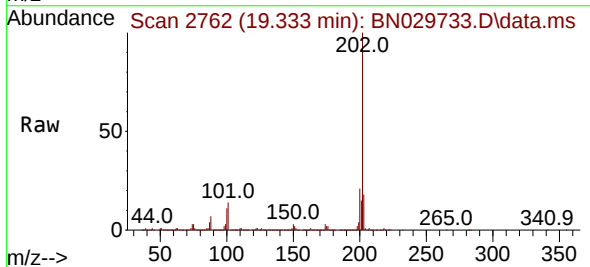
Manual Integrations
 APPROVED

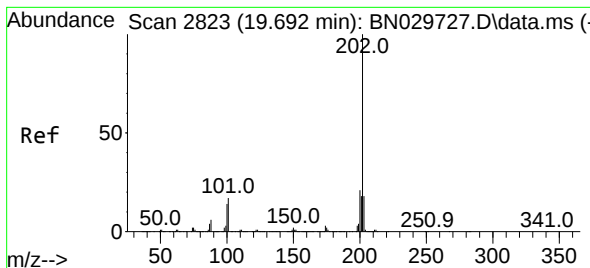
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024



#80
 Fluoranthene
 Concen: 21.567 ng/ul
 RT: 19.333 min Scan# 2762
 Delta R.T. -0.012 min
 Lab File: BN029733.D
 Acq: 13 Feb 2024 14:15

Tgt Ion:202 Resp: 992165
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.1 16.7
 100 11.1 8.9 13.3





#82

Pyrene

Concen: 17.664 ng/ul

RT: 19.698 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

Instrument :

BNA_N

ClientSampleId :

C0FP6

Tgt Ion:202 Resp: 859670

Ion Ratio Lower Upper

202 100

101 16.3 14.2 21.4

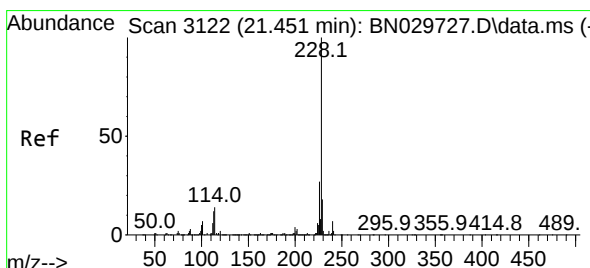
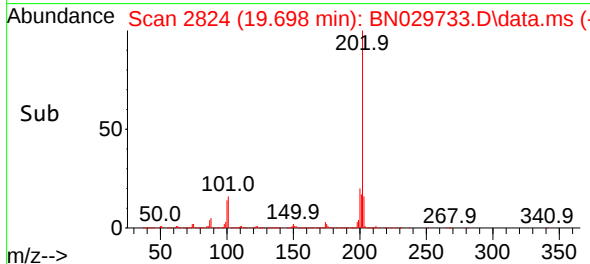
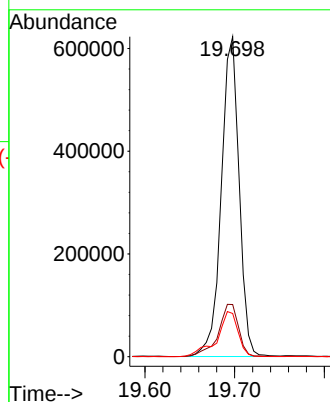
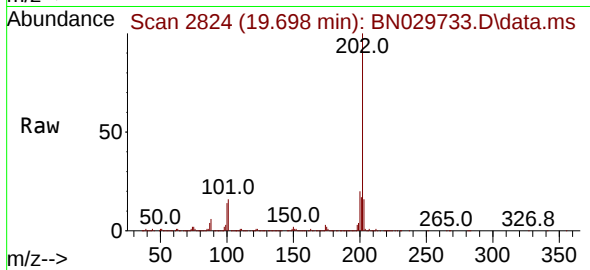
100 13.5 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#85

Benzo(a)anthracene

Concen: 8.480 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

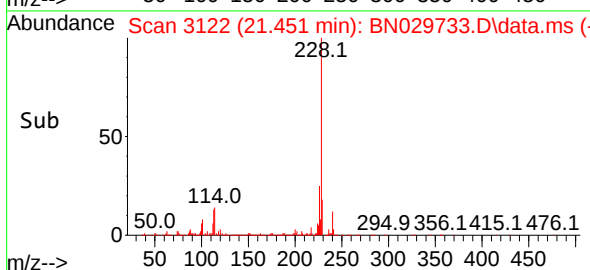
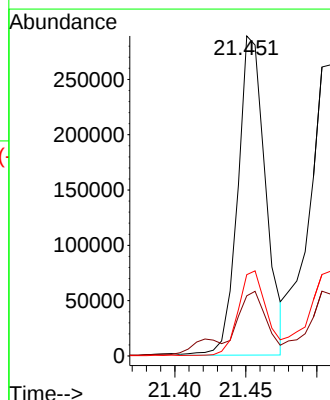
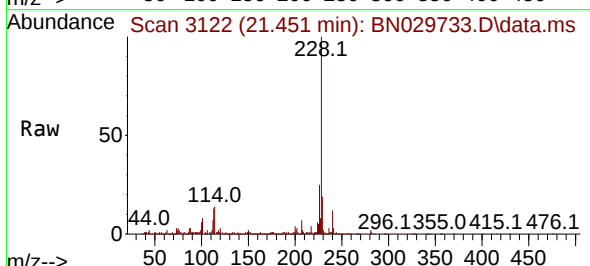
Tgt Ion:228 Resp: 393127

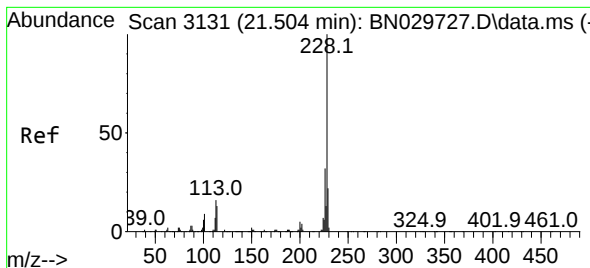
Ion Ratio Lower Upper

228 100

229 18.8 15.0 22.6

226 25.4 21.0 31.6





#87

Chrysene

Concen: 9.353 ng/u1

RT: 21.509 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

Instrument :

BNA_N

ClientSampleId :

C0FP6

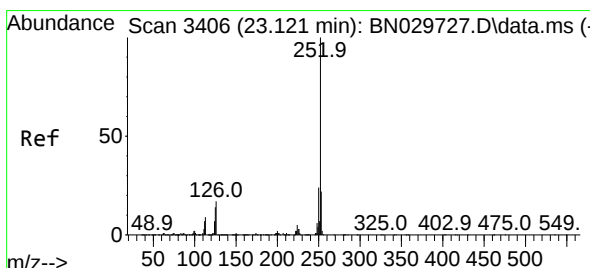
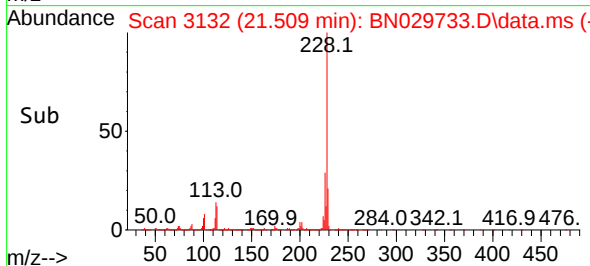
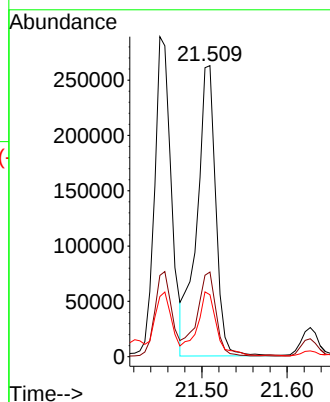
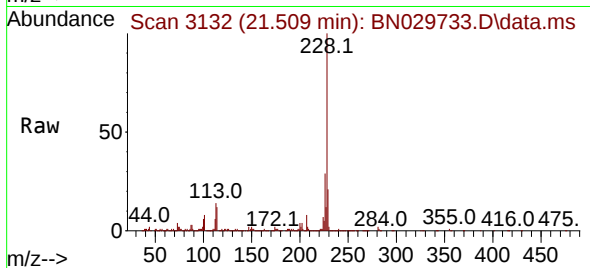
Tgt Ion:228 Resp: 406335
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.6 37.0
 229 21.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#90

Benzo(b)fluoranthene

Concen: 10.910 ng/u1

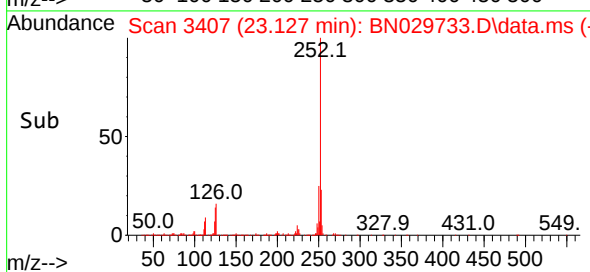
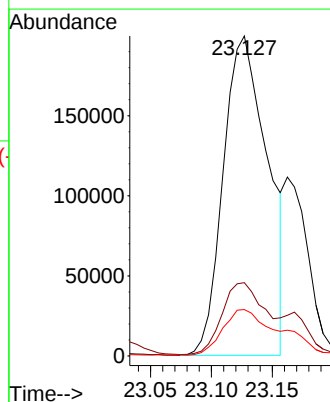
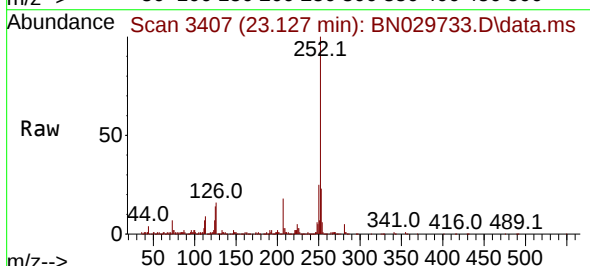
RT: 23.127 min Scan# 3407

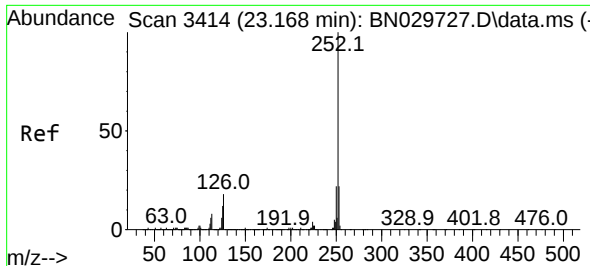
Delta R.T. -0.006 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

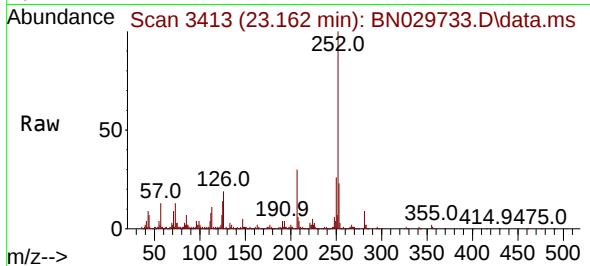
Tgt Ion:252 Resp: 504740
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.5 26.3
 125 14.5 11.1 16.7





#91
Benzo(k)fluoranthene
Concen: 3.207 ng/ul m
RT: 23.162 min Scan# 3414
Delta R.T. -0.018 min
Lab File: BN029733.D
Acq: 13 Feb 2024 14:15

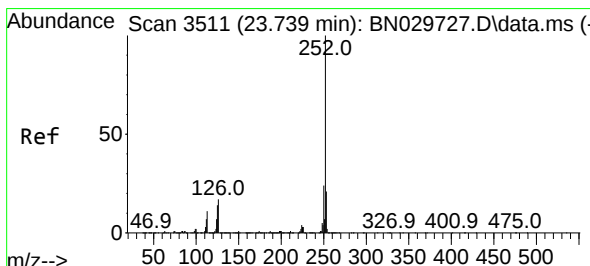
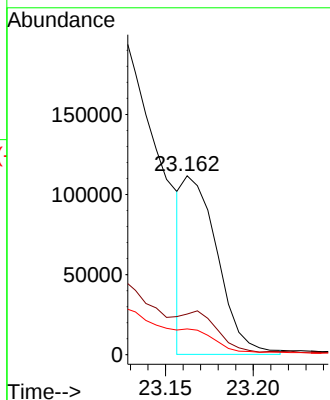
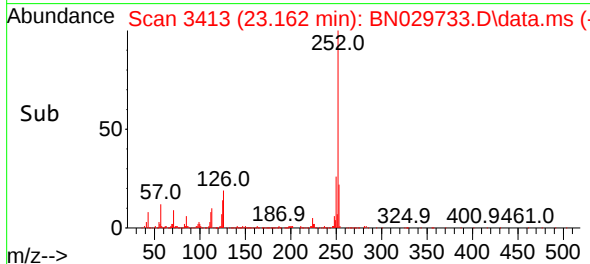
Instrument :
BNA_N
ClientSampleId :
C0FP6



Tgt Ion:252 Resp: 15187
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 14.4 11.2 16.8

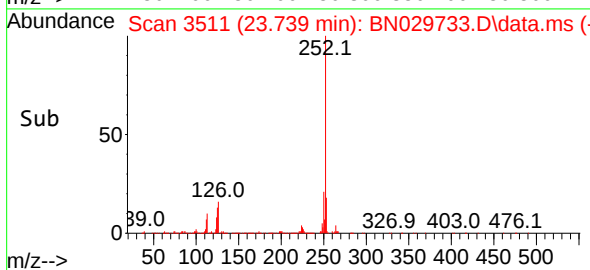
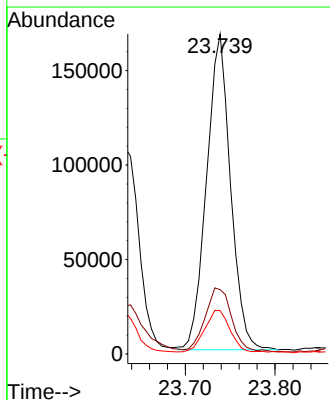
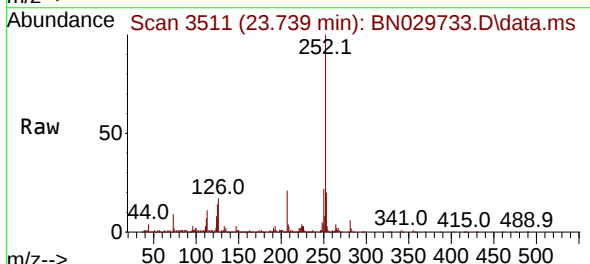
Manual Integrations
APPROVED

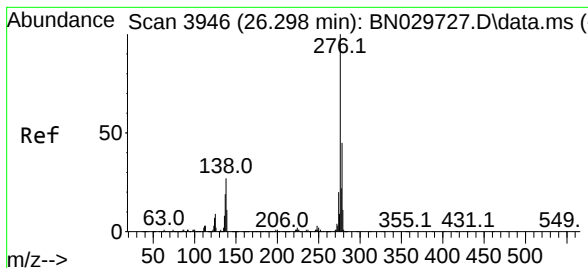
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024



#93
Benzo(a)pyrene
Concen: 6.986 ng/ul
RT: 23.739 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BN029733.D
Acq: 13 Feb 2024 14:15

Tgt Ion:252 Resp: 309942
Ion Ratio Lower Upper
252 100
253 20.1 18.8 28.2
125 13.6 12.2 18.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.248 ng/ul

RT: 26.292 min Scan# 3945

Delta R.T. -0.018 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

Instrument :

BNA_N

ClientSampleId :

C0FP6

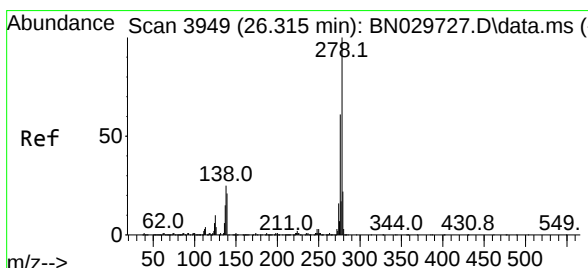
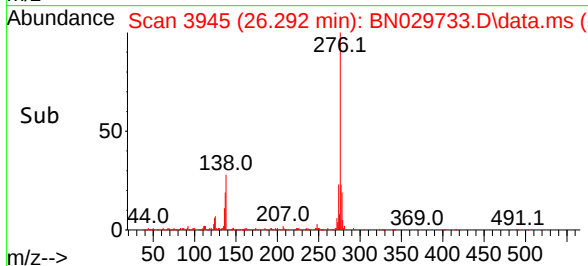
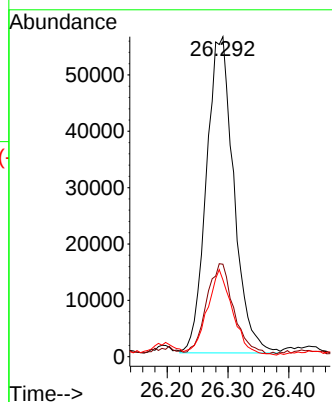
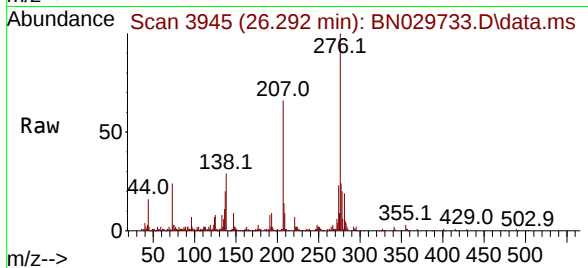
Tgt Ion:	276	Resp:	17547
Ion Ratio	Lower	Upper	
276	100		
138	28.9	21.7	32.5
277	24.0	17.8	26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.023 ng/ul

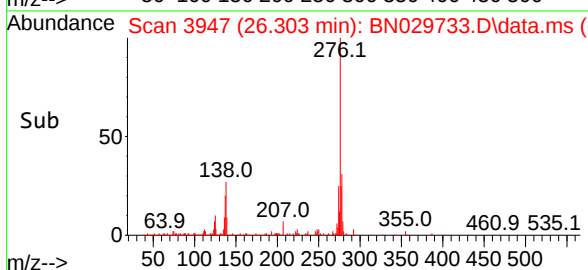
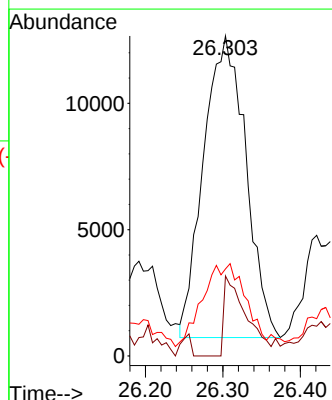
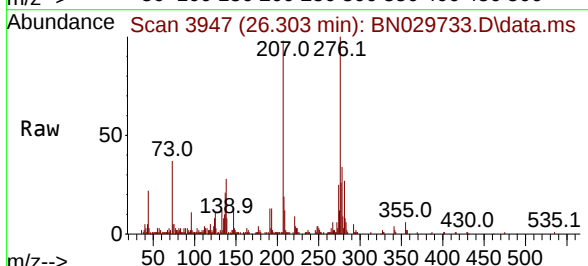
RT: 26.303 min Scan# 3947

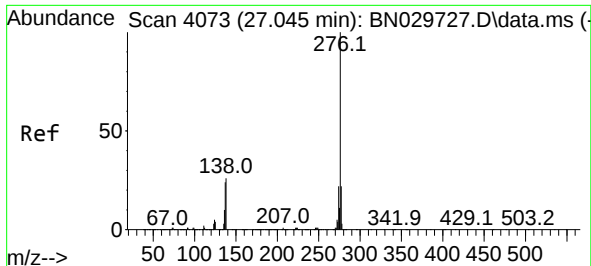
Delta R.T. -0.035 min

Lab File: BN029733.D

Acq: 13 Feb 2024 14:15

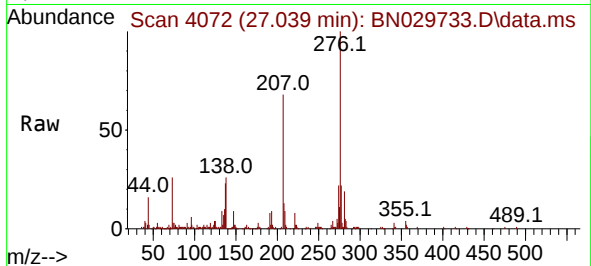
Tgt Ion:	278	Resp:	45140
Ion Ratio	Lower	Upper	
278	100		
139	25.0	17.8	26.6
279	27.2	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 3.768 ng/ul
 RT: 27.039 min Scan# 4072
 Delta R.T. -0.030 min
 Lab File: BN029733.D
 Acq: 13 Feb 2024 14:15

Instrument :
 BNA_N
 ClientSampleId :
 C0FP6



Tgt Ion: 276 Resp: 17025

Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.9	35.9
277	21.6	18.6	28.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

