

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029785.D
 Acq On : 15 Feb 2024 00:29
 Operator : MA/JU
 Sample : P1286-23
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6T7

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 01:21:22 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	177179	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	725341	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	392028	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	816881	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	704130	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	789641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	20361	3.780	ng/uL	0.00
4) Pyridine-d5	3.734	84	109451	7.619	ng/u1	0.00
7) Phenol-d5	7.040	99	393202	23.726	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	261810	23.671	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	315248	26.250	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	183596	14.855	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	155927	27.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	158523	32.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	263059	27.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	201020	12.175	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	839921	28.777	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	958456	27.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	120402	21.735	ng/u1	0.00
60) Fluorene-d10	15.510	176	742069	29.886	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	65392	16.429	ng/u1	0.00
73) Anthracene-d10	17.363	188	1065686	27.836	ng/u1	0.00
81) Pyrene-d10	19.663	212	874745	20.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	484602	12.264	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.064	94	18550	1.092	ng/u1	95
16) Acetophenone	8.699	105	77600	3.945	ng/u1	98
50) Acenaphthylene	14.234	152	58758	1.413	ng/u1	98
72) Phenanthrene	17.304	178	94435	1.998	ng/u1	99
80) Fluoranthene	19.328	202	278654	5.429	ng/u1	99
82) Pyrene	19.692	202	145805	2.685	ng/u1	95
85) Benzo(a)anthracene	21.451	228	199228m	3.852	ng/u1	
87) Chrysene	21.504	228	190609	3.932	ng/u1	98
90) Benzo(b)fluoranthene	23.116	252	283236	5.695	ng/u1	95
91) Benzo(k)fluoranthene	23.157	252	92383m	1.815	ng/u1	
93) Benzo(a)pyrene	23.727	252	53402	1.120	ng/u1#	83
94) Indeno(1,2,3-cd)pyrene	26.274	276	61964	1.067	ng/u1#	92

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

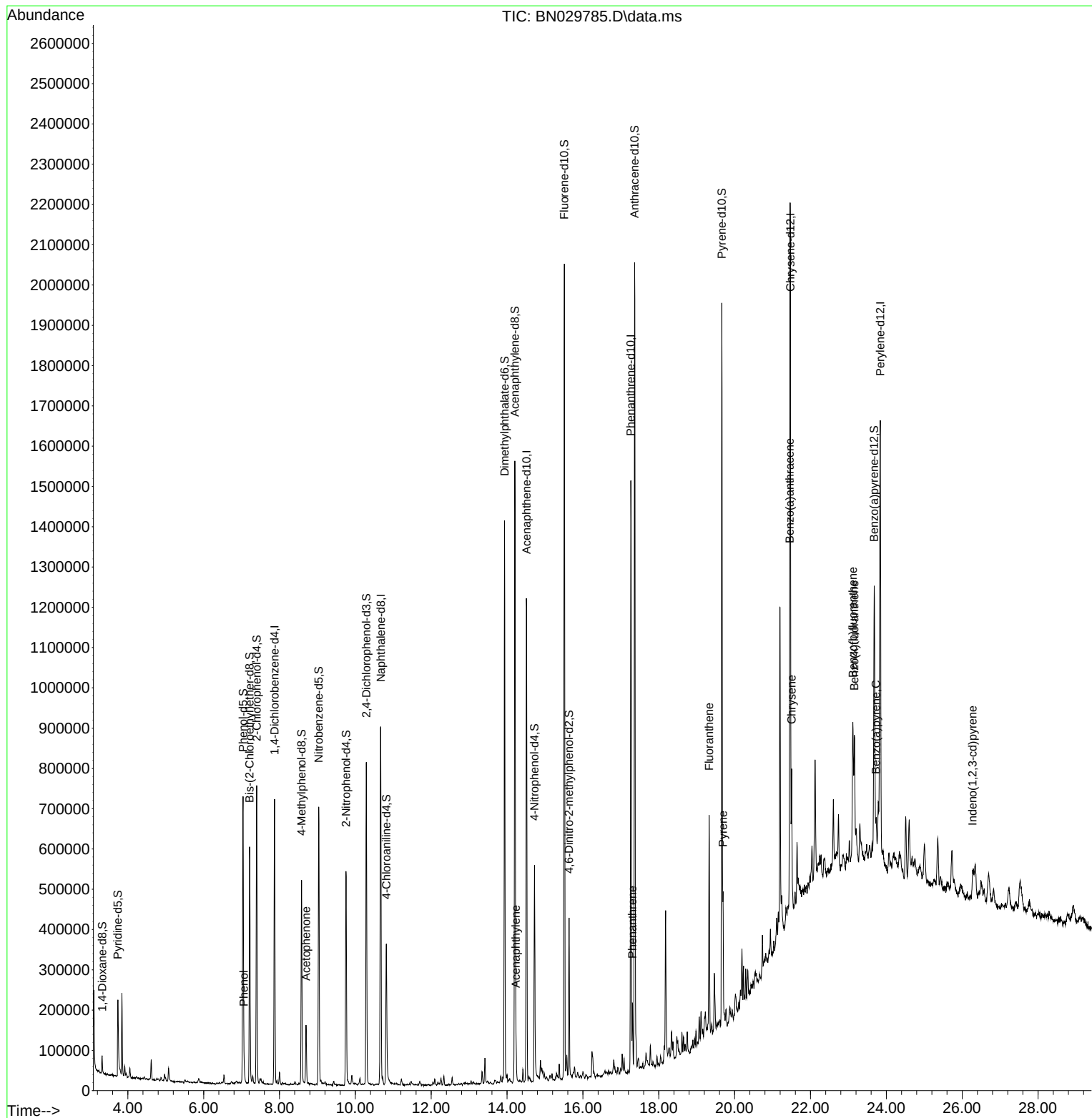
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029785.D
Acq On : 15 Feb 2024 00:29
Operator : MA/JU
Sample : P1286-23
Misc :
ALS Vial : 63 Sample Multiplier: 1

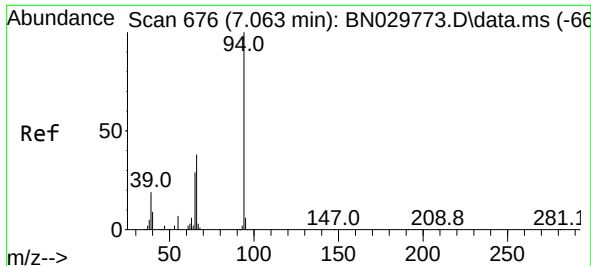
Instrument :
BNA_N
ClientSampleId :
BH6T7

Quant Time: Feb 15 01:21:22 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

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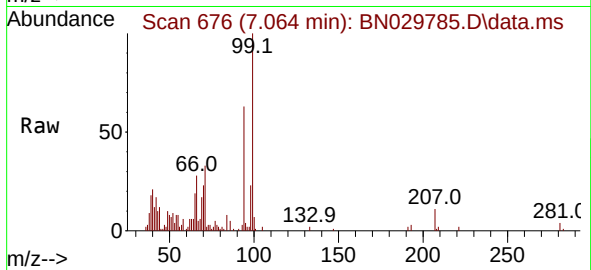
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024





#8
Phenol
Concen: 1.092 ng/ul
RT: 7.064 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29

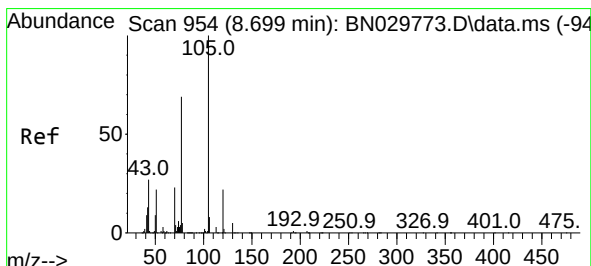
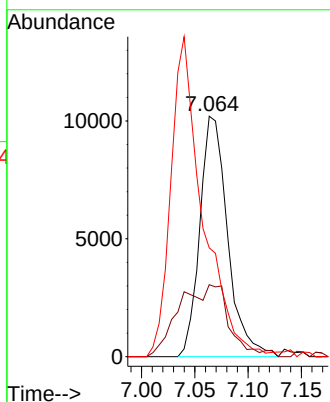
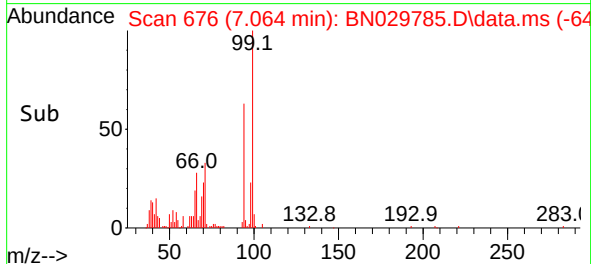
Instrument :
BNA_N
ClientSampleId :
BH6T7



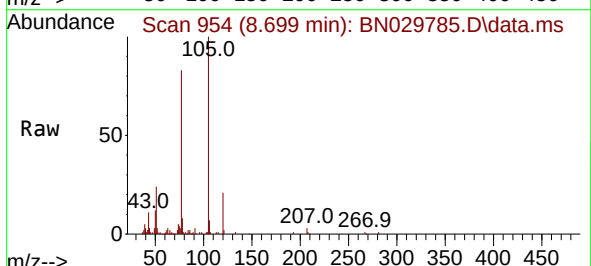
Tgt Ion: 94 Resp: 18550
Ion Ratio Lower Upper
94 100
65 30.0 23.9 35.9
66 45.3 32.2 48.2

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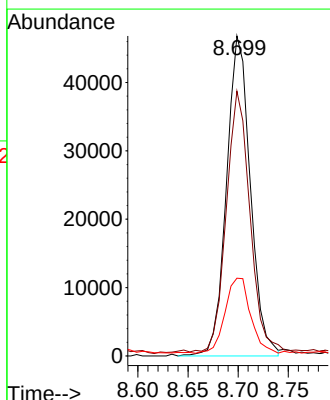
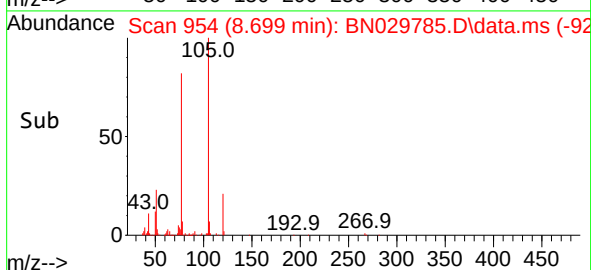
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

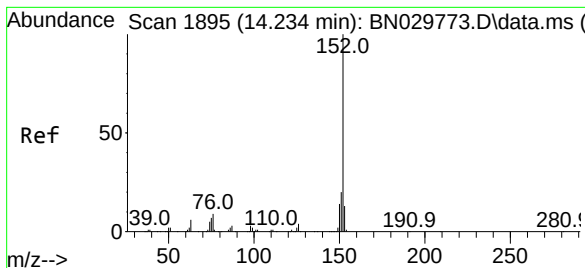


#16
Acetophenone
Concen: 3.945 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29



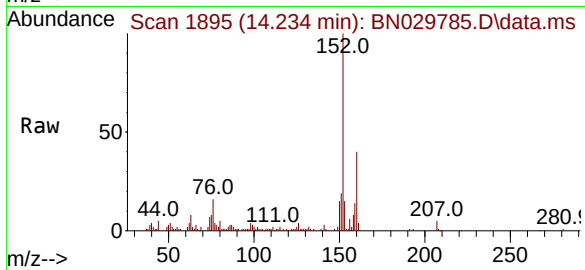
Tgt Ion:105 Resp: 77600
Ion Ratio Lower Upper
105 100
77 82.8 67.4 101.0
51 24.3 20.7 31.1





#50
Acenaphthylene
Concen: 1.413 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29

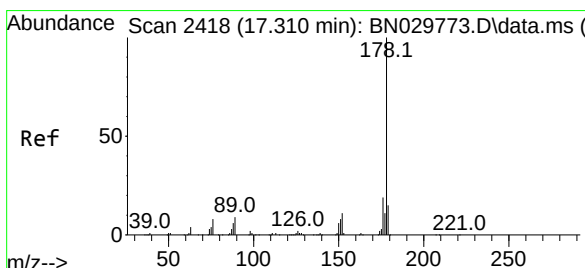
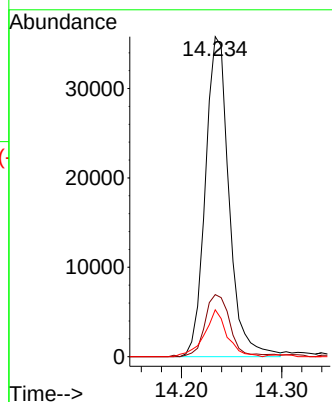
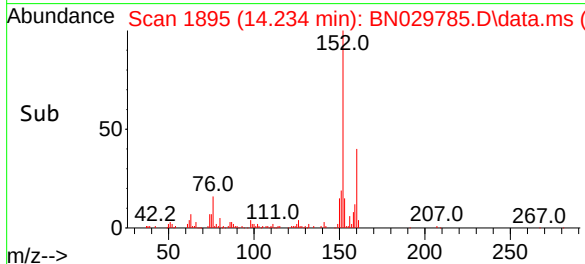
Instrument : BNA_N
ClientSampleId : BH6T7



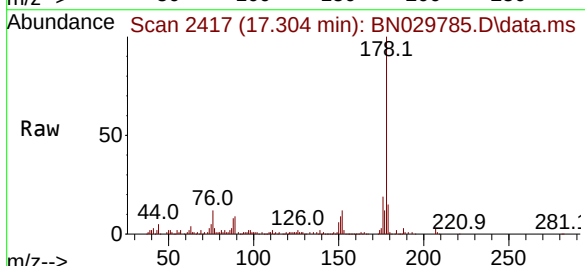
Tgt Ion:152 Resp: 58758
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 14.6 10.5 15.7

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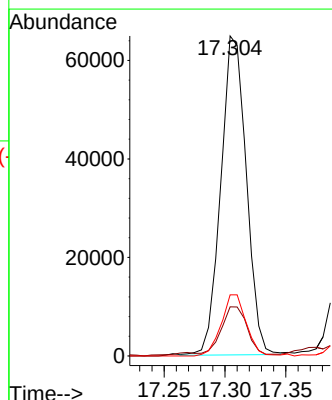
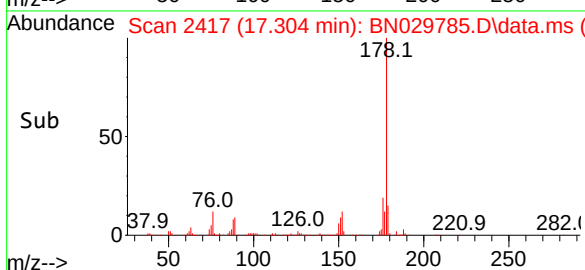
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

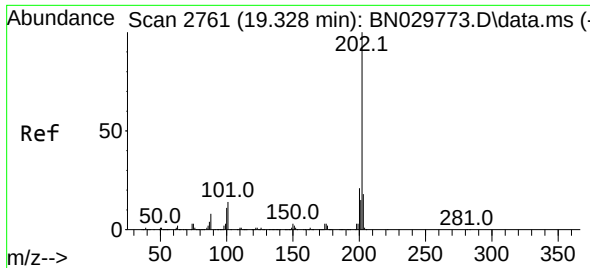


#72
Phenanthrene
Concen: 1.998 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29



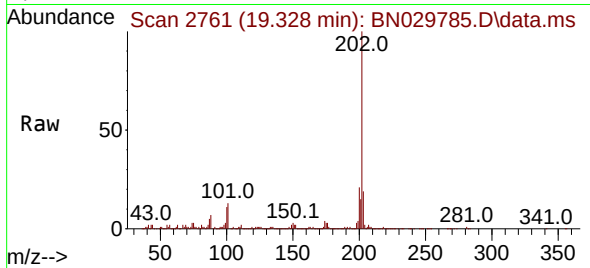
Tgt Ion:178 Resp: 94435
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.1 15.7 23.5





#80
Fluoranthene
Concen: 5.429 ng/u1
RT: 19.328 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29

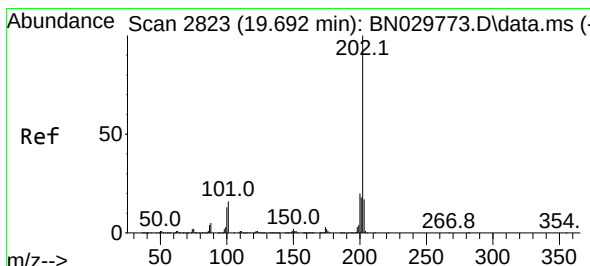
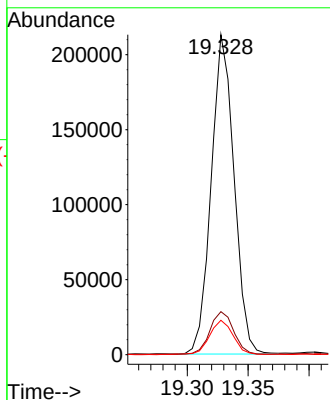
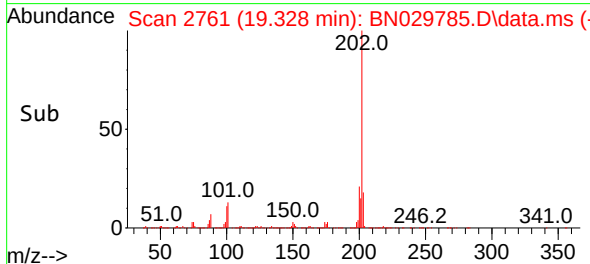
Instrument :
BNA_N
ClientSampleId :
BH6T7



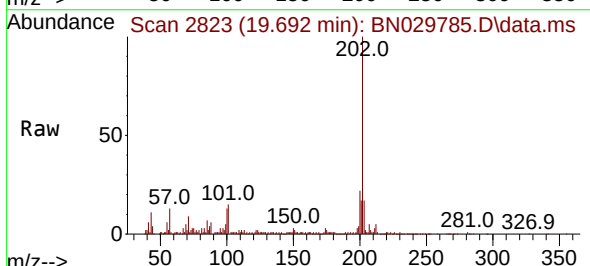
Tgt Ion:202 Resp: 278654
Ion Ratio Lower Upper
202 100
101 13.5 11.1 16.7
100 10.8 8.9 13.3

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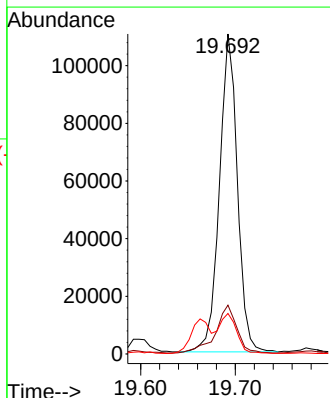
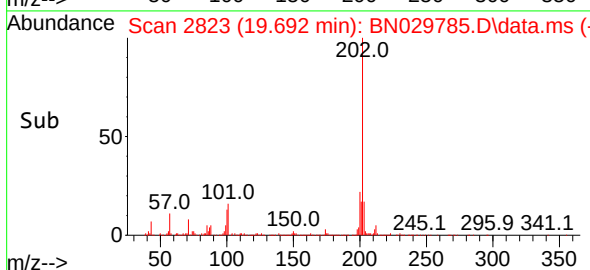
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

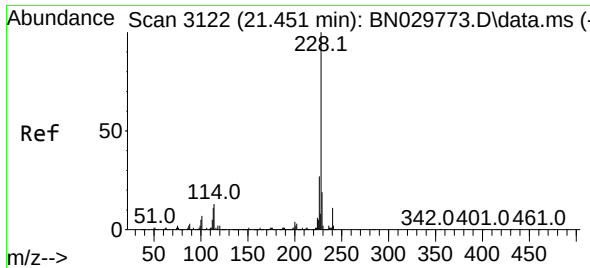


#82
Pyrene
Concen: 2.685 ng/u1
RT: 19.692 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29



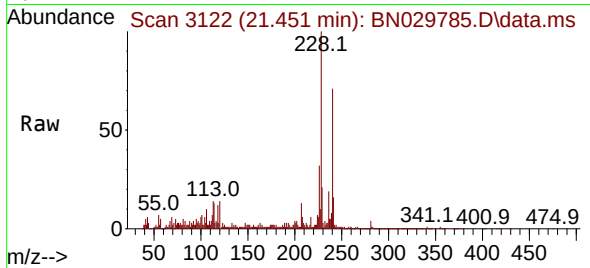
Tgt Ion:202 Resp: 145805
Ion Ratio Lower Upper
202 100
101 15.3 14.2 21.4
100 12.6 11.4 17.2





#85
Benzo(a)anthracene
Concen: 3.852 ng/ul m
RT: 21.451 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29

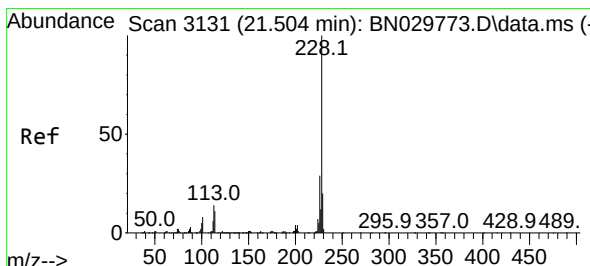
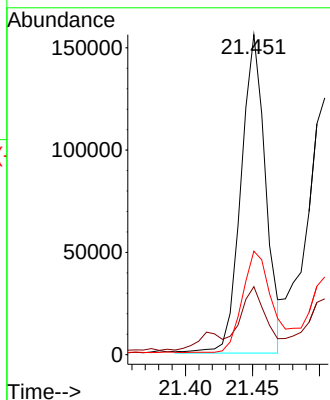
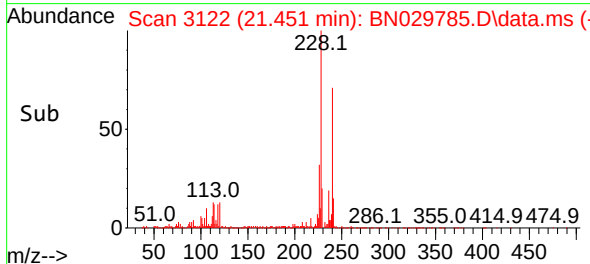
Instrument :
BNA_N
ClientSampleId :
BH6T7



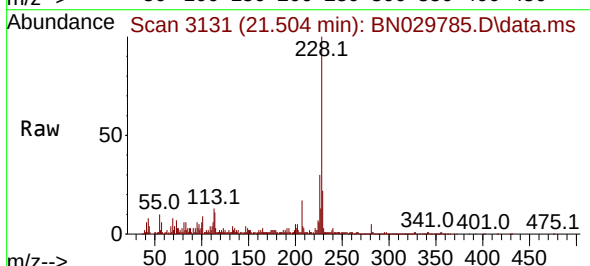
Tgt Ion:228 Resp: 199228
Ion Ratio Lower Upper
228 100
229 21.2 15.0 22.6
226 32.4 21.0 31.6

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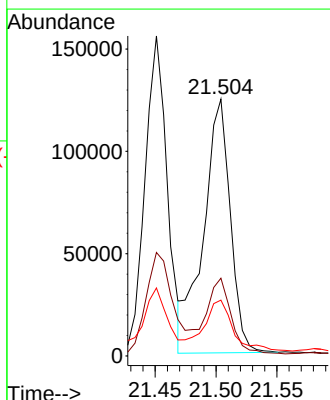
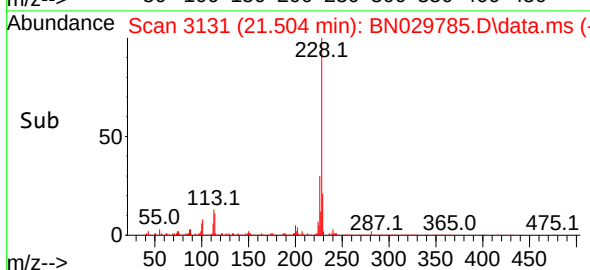
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

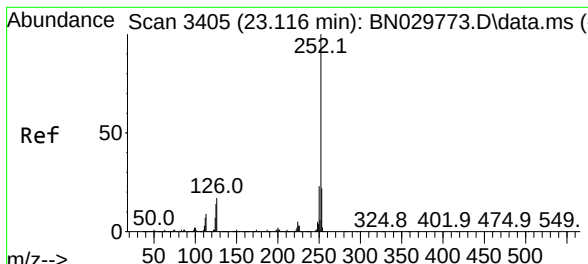


#87
Chrysene
Concen: 3.932 ng/ul
RT: 21.504 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN029785.D
Acq: 15 Feb 2024 00:29



Tgt Ion:228 Resp: 190609
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.7 16.2 24.4





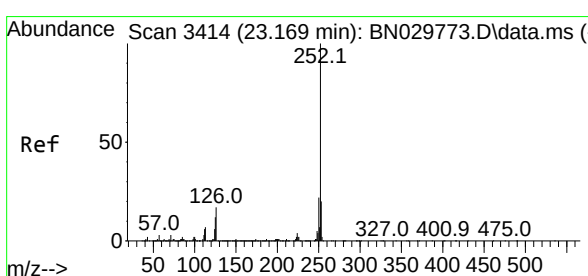
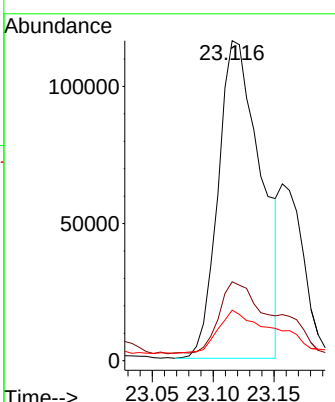
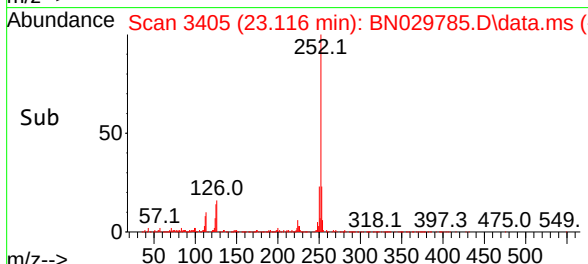
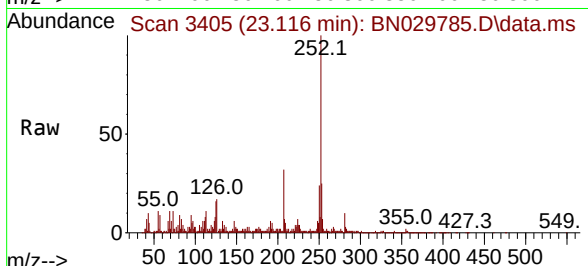
#90
 Benzo(b)fluoranthene
 Concen: 5.695 ng/ul
 RT: 23.116 min Scan# 3405
 Delta R.T. -0.000 min
 Lab File: BN029785.D
 Acq: 15 Feb 2024 00:29

Instrument :
 BNA_N
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 BH6T7

Tgt Ion:	252	Resp:	283230
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	15.8	11.1	16.7

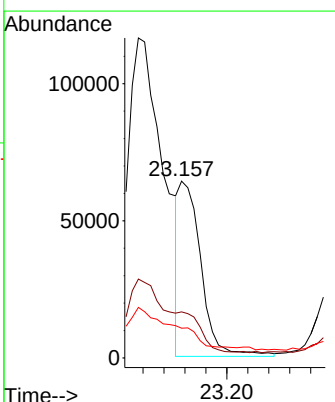
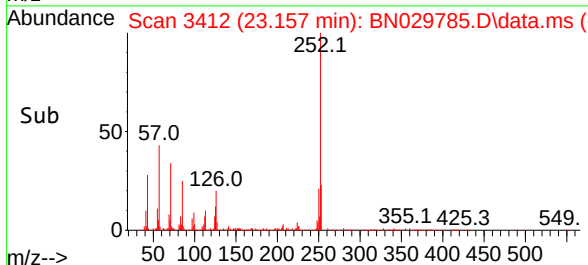
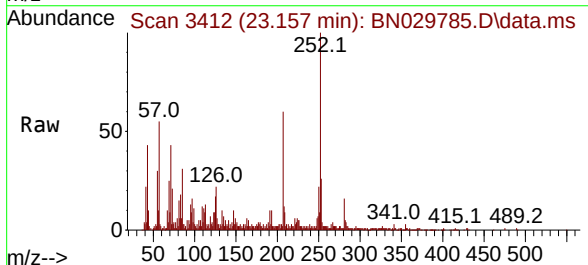
Manual Integrations
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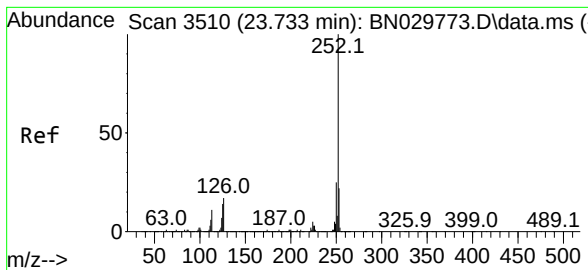
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024



#91
 Benzo(k)fluoranthene
 Concen: 1.815 ng/ul m
 RT: 23.157 min Scan# 3412
 Delta R.T. -0.006 min
 Lab File: BN029785.D
 Acq: 15 Feb 2024 00:29

Tgt Ion:	252	Resp:	92383
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.2	27.4
125	16.8	11.2	16.8





#93

Benzo(a)pyrene

Concen: 1.120 ng/ul

RT: 23.727 min Scan# 3509

Delta R.T. -0.000 min

Lab File: BN029785.D

Acq: 15 Feb 2024 00:29

Instrument :

BNA_N

ClientSampleId :

BH6T7

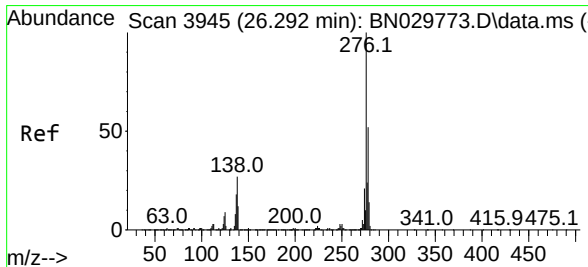
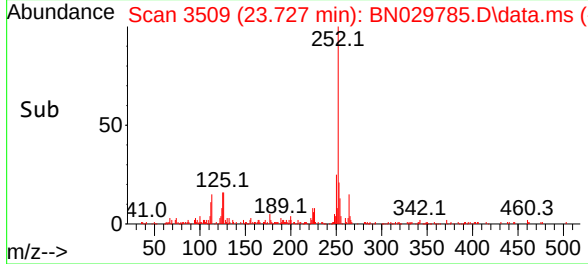
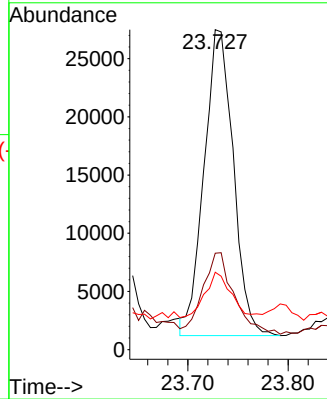
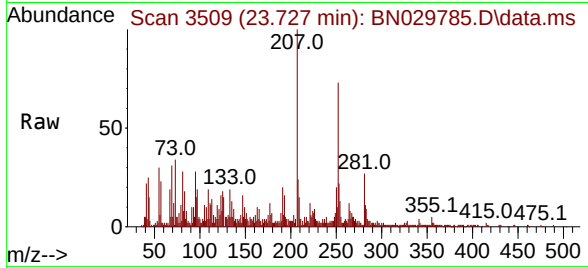
Tgt Ion:	252	Resp:	5340
Ion Ratio	Lower	Upper	
252	100		
253	30.2	18.8	28.2
125	24.2	12.2	18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.067 ng/ul

RT: 26.274 min Scan# 3942

Delta R.T. -0.006 min

Lab File: BN029785.D

Acq: 15 Feb 2024 00:29

Tgt Ion:	276	Resp:	61964
Ion Ratio	Lower	Upper	
276	100		
138	30.5	21.7	32.5
277	26.9	17.8	26.8

