

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029783.D
 Acq On : 14 Feb 2024 23:17
 Operator : MA/JU
 Sample : P1286-20
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6S8

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 00:02:44 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	216040	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	880343	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	462477	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	937165	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	845301	20.000	ng/u1	# 0.00
88) Perylene-d12	23.833	264	951896	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	24813	3.778	ng/uL	0.00
4) Pyridine-d5	3.734	84	182947	10.444	ng/u1	0.00
7) Phenol-d5	7.040	99	460092	22.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	315780	23.415	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	370833	25.324	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	276061	18.318	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	180920	26.479	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	182073	30.597	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	316148	26.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	199179	9.940	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	953037	27.679	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1125335	27.521	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	126009	19.282	ng/u1	0.00
60) Fluorene-d10	15.510	176	827872	28.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	89848	19.676	ng/u1	0.00
73) Anthracene-d10	17.363	188	1201751	27.362	ng/u1	0.00
81) Pyrene-d10	19.663	212	1168284	23.031	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	800597	16.808	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.063	94	28850	1.393	ng/u1#	91
16) Acetophenone	8.699	105	72640	3.029	ng/u1	97
30) Naphthalene	10.716	128	106007	2.107	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	63976	2.074	ng/u1	95
37) 1-Methylnaphthalene	12.551	142	50224	1.642	ng/u1	95
50) Acenaphthylene	14.234	152	61100	1.245	ng/u1#	95
72) Phenanthrene	17.304	178	240992	4.445	ng/u1	99
74) Anthracene	17.398	178	65525	1.204	ng/u1	98
80) Fluoranthene	19.328	202	542754	8.808	ng/u1	100
82) Pyrene	19.692	202	356327	5.466	ng/u1	97
85) Benzo(a)anthracene	21.451	228	300453m	4.839	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.398	149	398844	9.705	ng/u1	100
87) Chrysene	21.504	228	300963	5.172	ng/u1	95
90) Benzo(b)fluoranthene	23.121	252	423772	7.068	ng/u1	99
91) Benzo(k)fluoranthene	23.157	252	165795m	2.702	ng/u1	
93) Benzo(a)pyrene	23.733	252	131856	2.293	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.280	276	134422	1.920	ng/u1	96

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

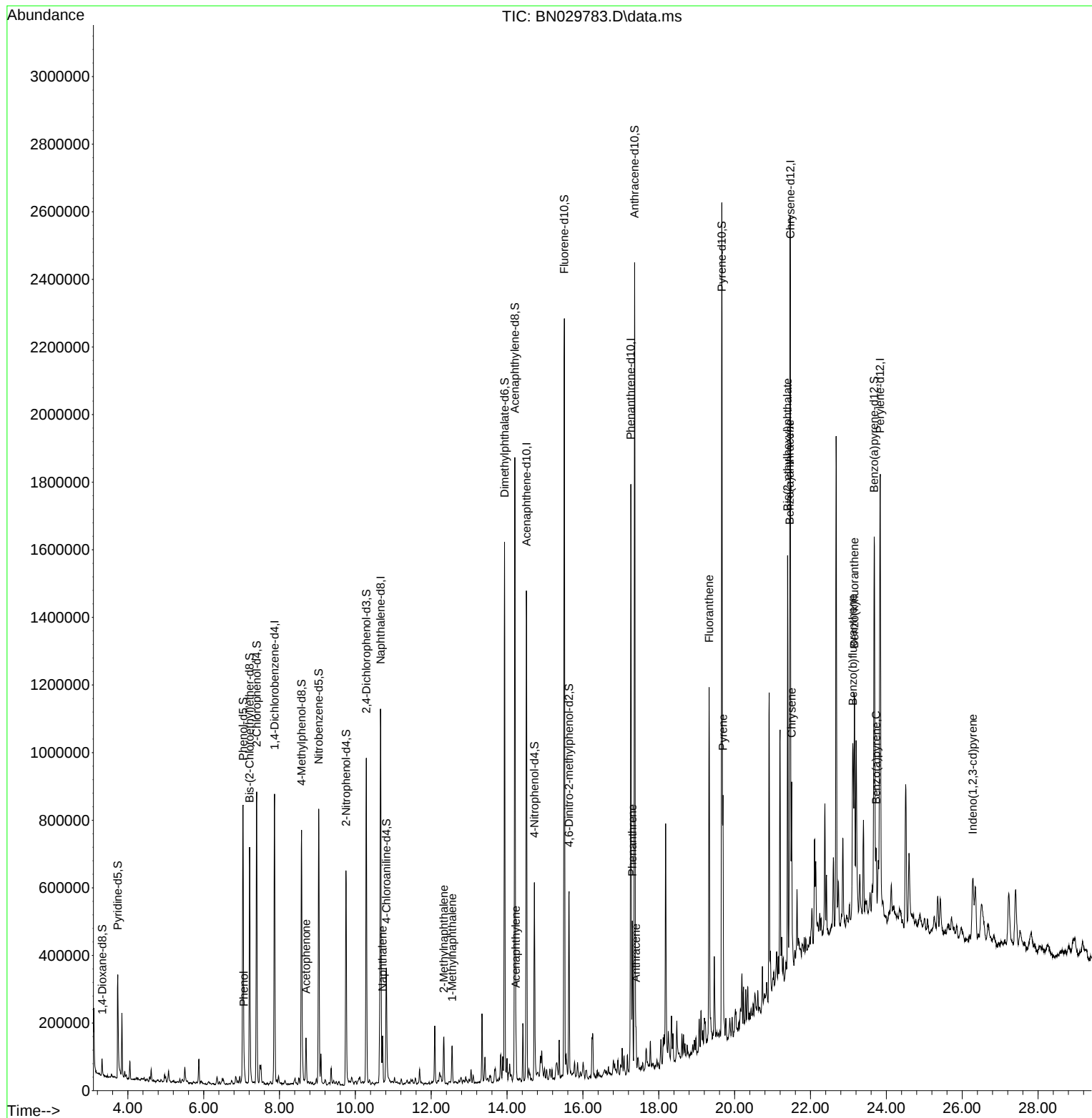
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029783.D
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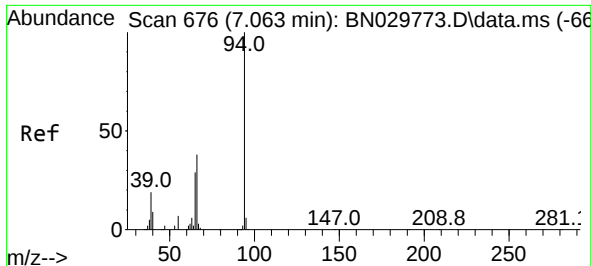
Instrument :
BNA_N
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Quant Time: Feb 15 00:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
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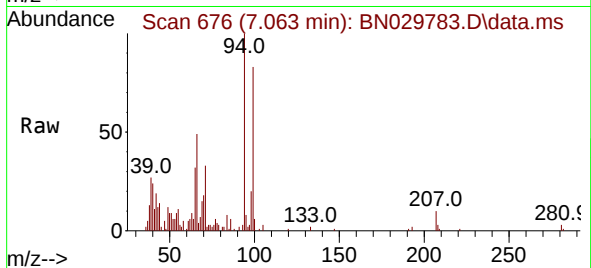
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024





#8
Phenol
Concen: 1.393 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

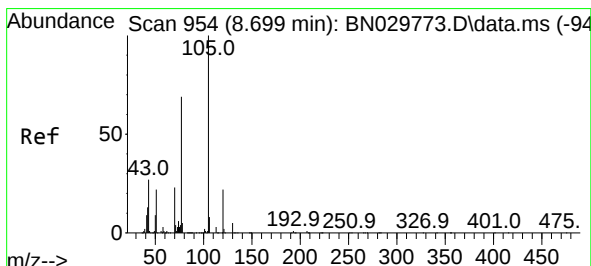
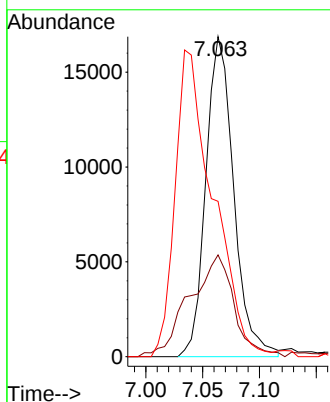
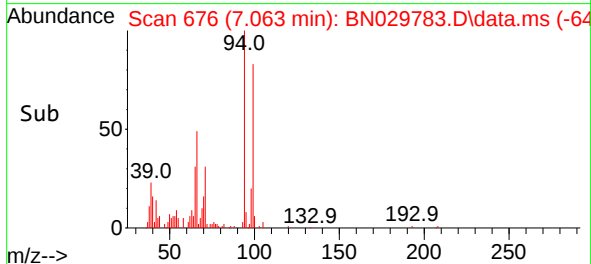
Instrument :
BNA_N
ClientSampleId :
BH6S8



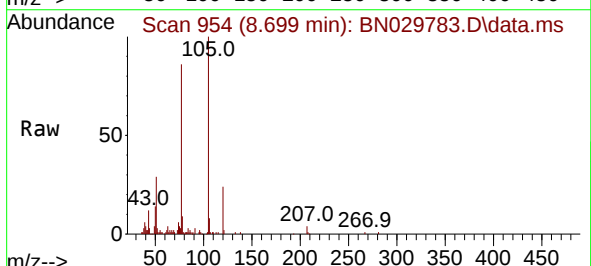
Tgt Ion: 94 Resp: 28850
Ion Ratio Lower Upper
94 100
65 31.8 23.9 35.9
66 48.5 32.2 48.2

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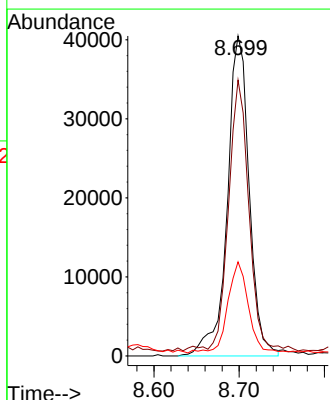
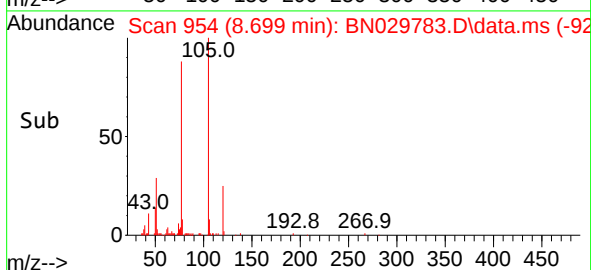
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

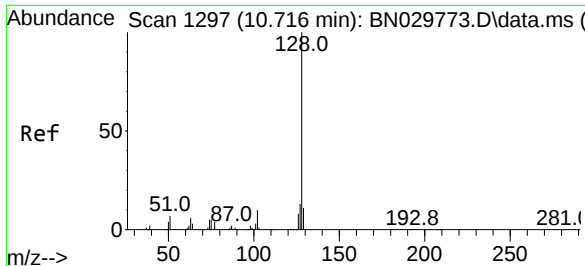


#16
Acetophenone
Concen: 3.029 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17



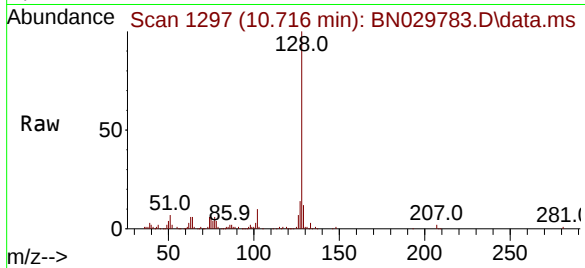
Tgt Ion:105 Resp: 72640
Ion Ratio Lower Upper
105 100
77 86.2 67.4 101.0
51 29.4 20.7 31.1





#30
Naphthalene
Concen: 2.107 ng/u1
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

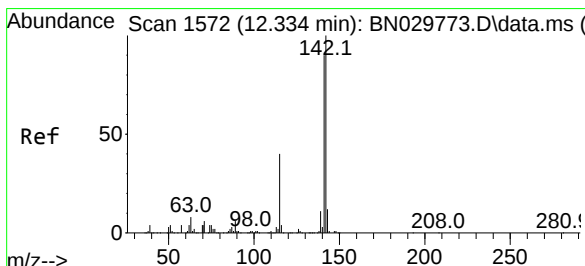
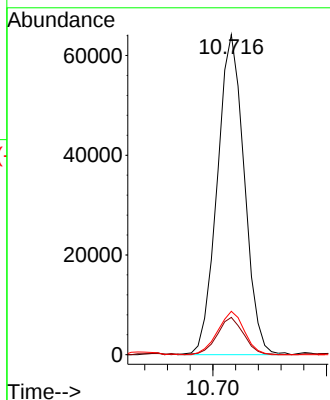
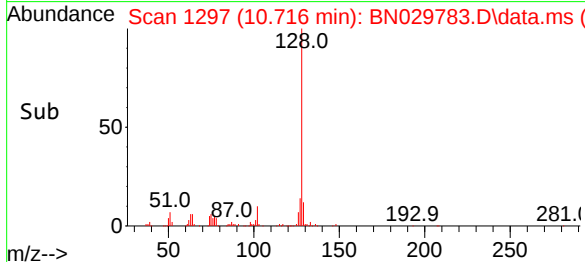
Instrument :
BNA_N
ClientSampleId :
BH6S8



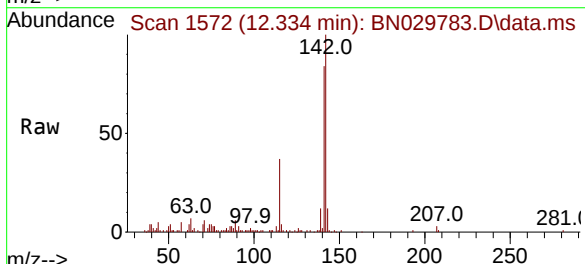
Tgt Ion:128 Resp: 106007
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.4 15.6

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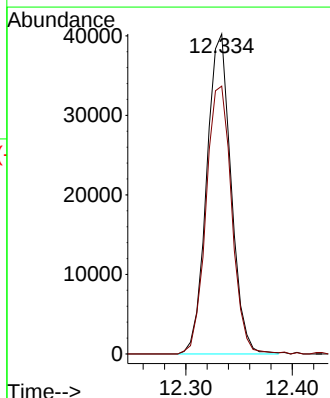
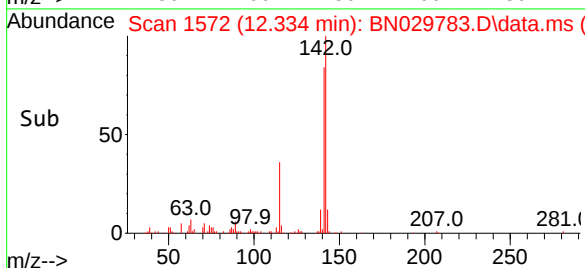
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

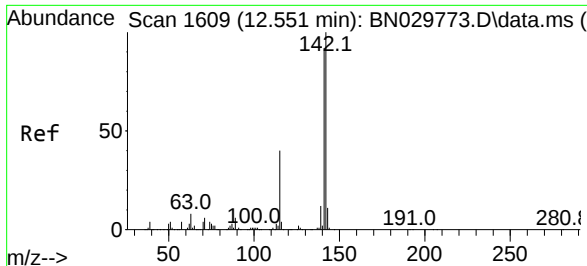


#36
2-Methylnaphthalene
Concen: 2.074 ng/u1
RT: 12.334 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17



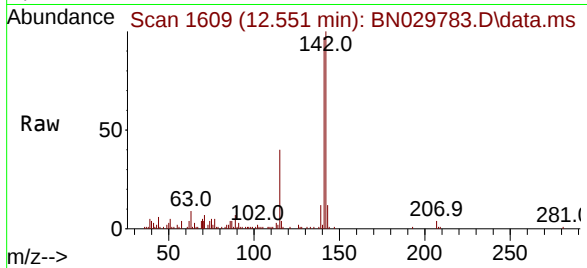
Tgt Ion:142 Resp: 63976
Ion Ratio Lower Upper
142 100
141 83.7 70.4 105.6





#37
1-Methylnaphthalene
Concen: 1.642 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

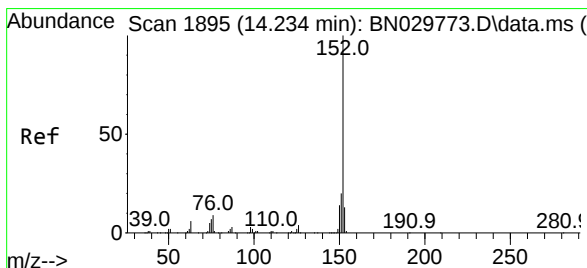
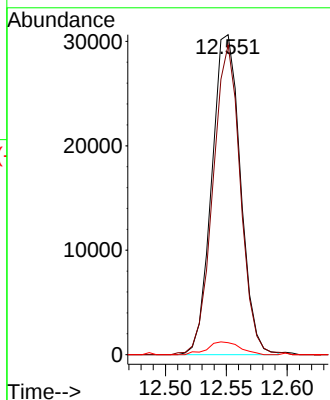
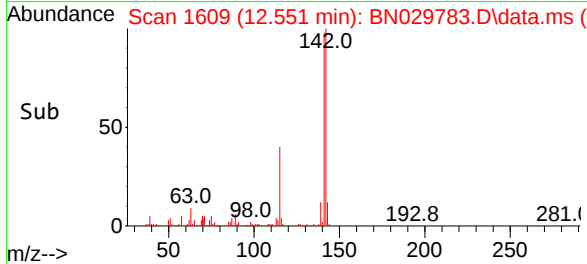
Instrument :
BNA_N
ClientSampleId :
BH6S8



Tgt Ion:142 Resp: 50224
Ion Ratio Lower Upper
142 100
141 96.8 73.8 110.8
116 3.8 3.3 4.9

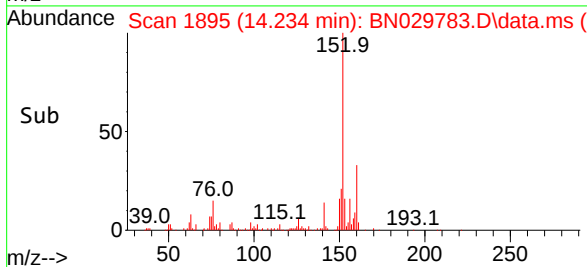
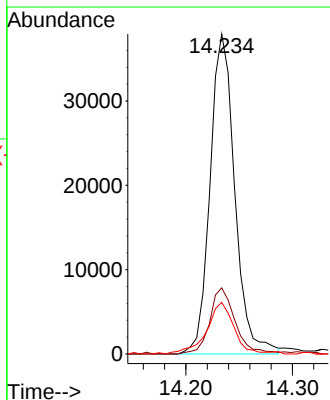
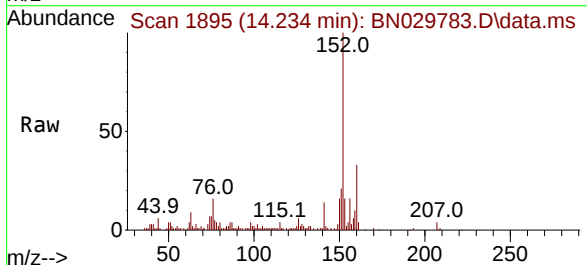
Manual Integrations
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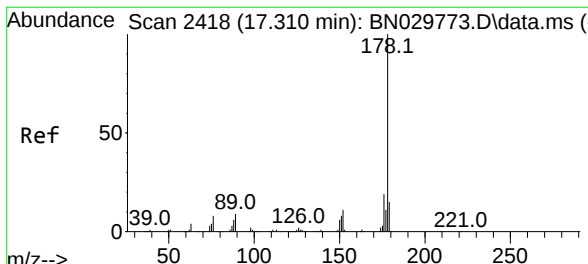
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024



#50
Acenaphthylene
Concen: 1.245 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

Tgt Ion:152 Resp: 61100
Ion Ratio Lower Upper
152 100
151 20.6 15.4 23.2
153 16.1 10.5 15.7#





#72
 Phenanthrene
 Concen: 4.445 ng/u1
 RT: 17.304 min Scan# 2417
 Delta R.T. -0.006 min
 Lab File: BN029783.D
 Acq: 14 Feb 2024 23:17

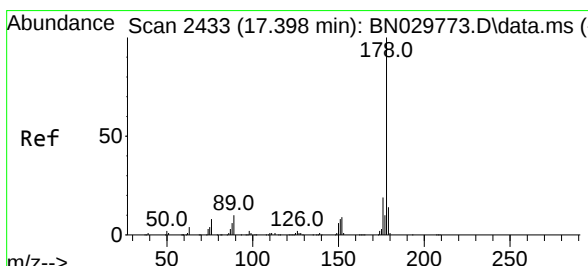
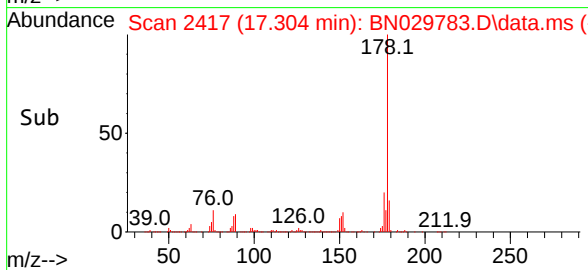
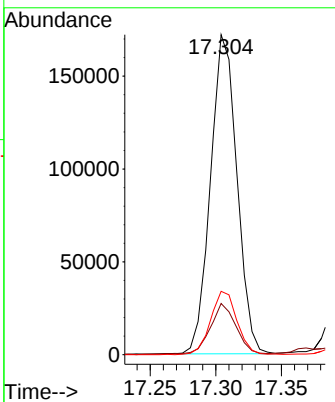
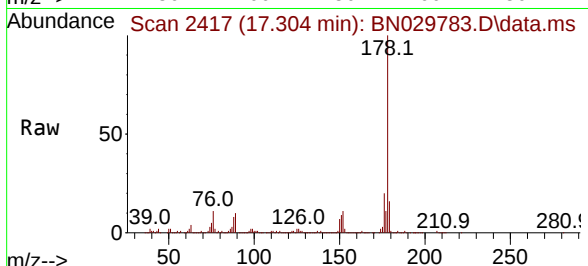
Instrument : BNA_N
 ClientSampleId : BH6S8

Tgt Ion:178 Resp: 240992

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.8	15.7	23.5

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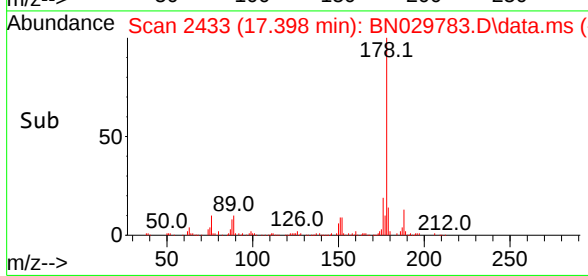
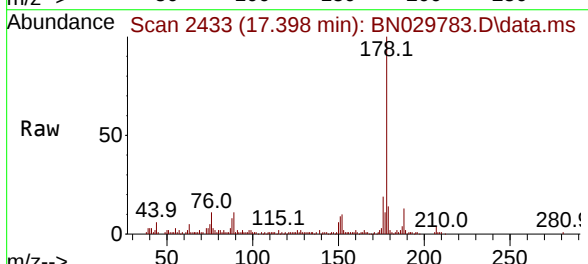
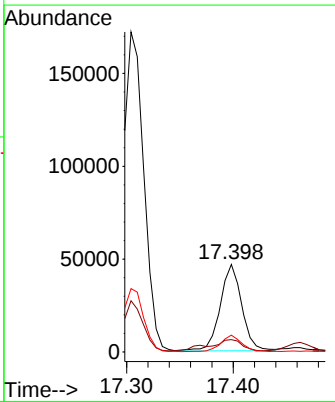
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

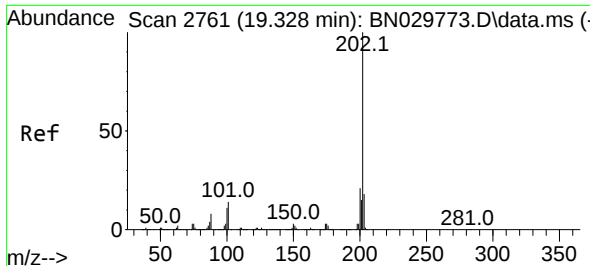


#74
 Anthracene
 Concen: 1.204 ng/u1
 RT: 17.398 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BN029783.D
 Acq: 14 Feb 2024 23:17

Tgt Ion:178 Resp: 65525

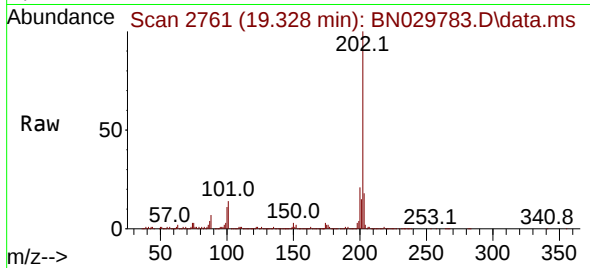
Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.6	17.4
176	19.3	14.2	21.2





#80
Fluoranthene
Concen: 8.808 ng/u1
RT: 19.328 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

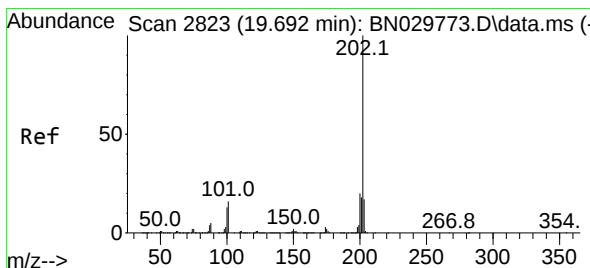
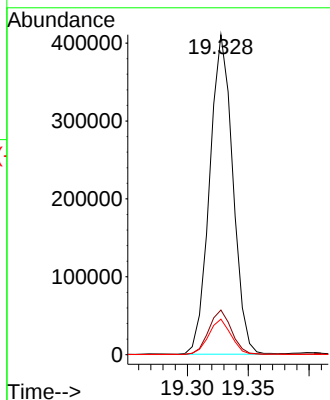
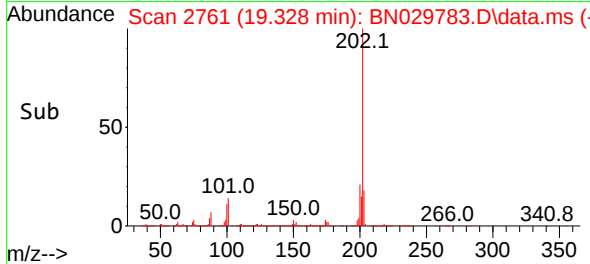
Instrument :
BNA_N
ClientSampleId :
BH6S8



Tgt Ion:202 Resp: 542754
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.1 8.9 13.3

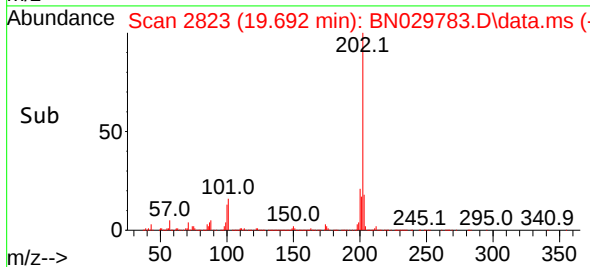
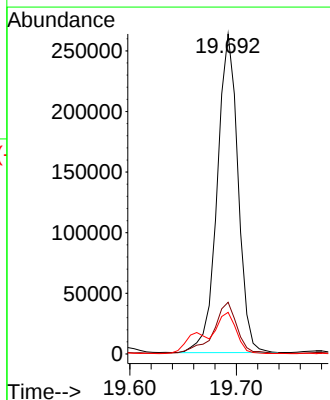
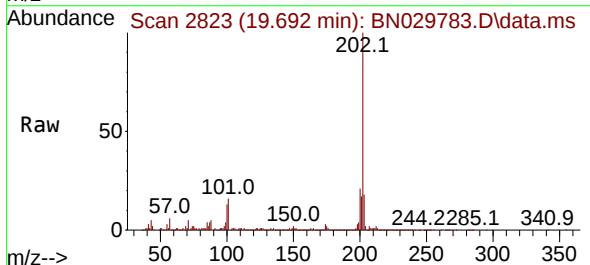
Manual Integrations
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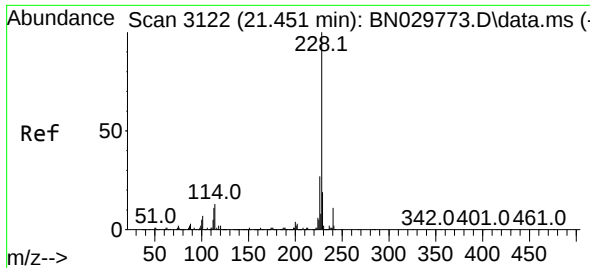
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024



#82
Pyrene
Concen: 5.466 ng/u1
RT: 19.692 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

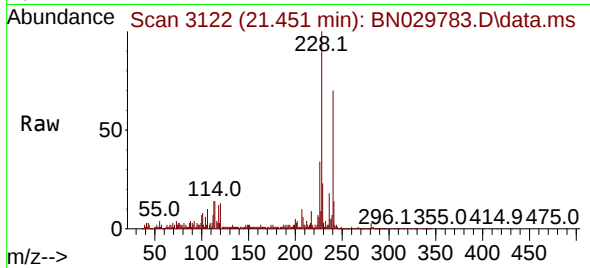
Tgt Ion:202 Resp: 356327
Ion Ratio Lower Upper
202 100
101 16.2 14.2 21.4
100 13.0 11.4 17.2





#85
Benzo(a)anthracene
Concen: 4.839 ng/ul m
RT: 21.451 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

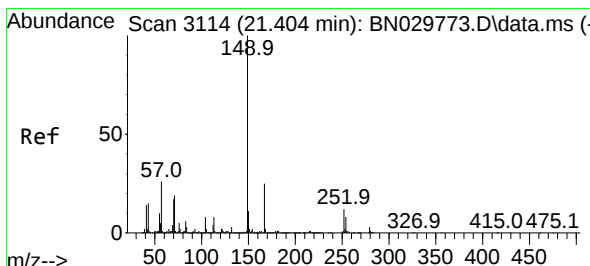
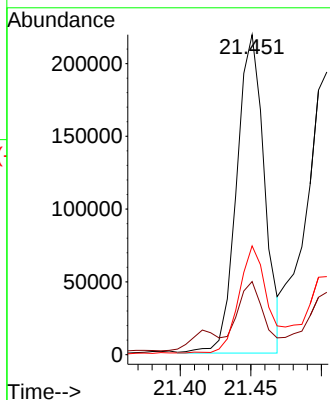
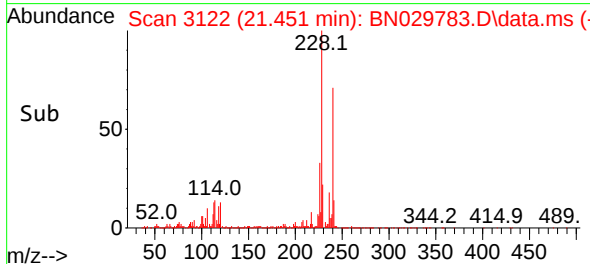
Instrument : BNA_N
ClientSampleId : BH6S8



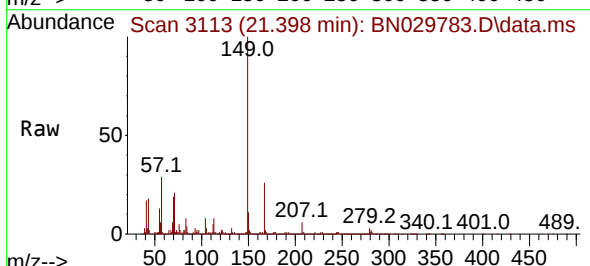
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Ion Ratio Lower Upper
228 100
229 22.9 15.0 22.6
226 34.0 21.0 31.6

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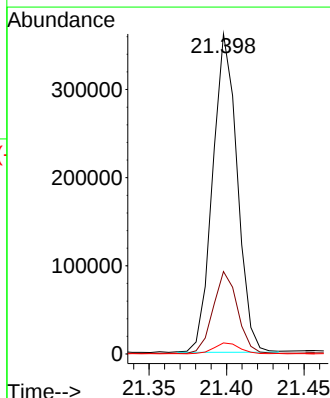
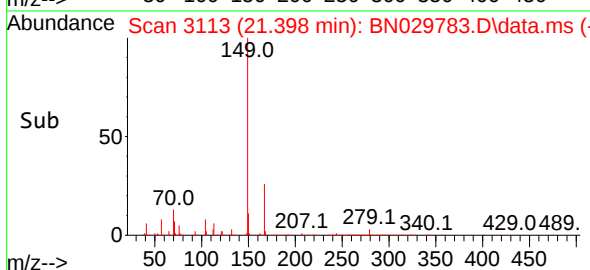
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

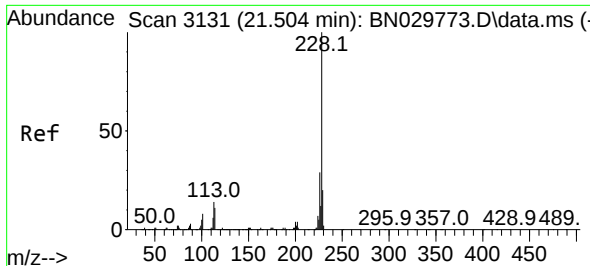


#86
Bis(2-ethylhexyl)phthalate
Concen: 9.705 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17



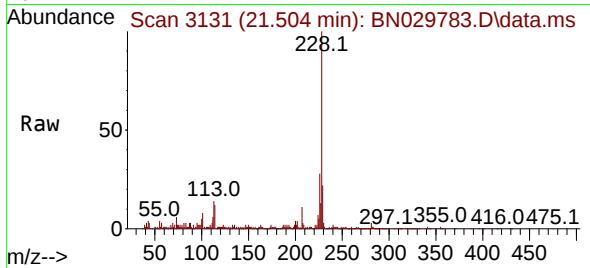
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Ion Ratio Lower Upper
149 100
167 25.8 20.6 30.8
279 3.5 2.7 4.1





#87
Chrysene
Concen: 5.172 ng/u1
RT: 21.504 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17

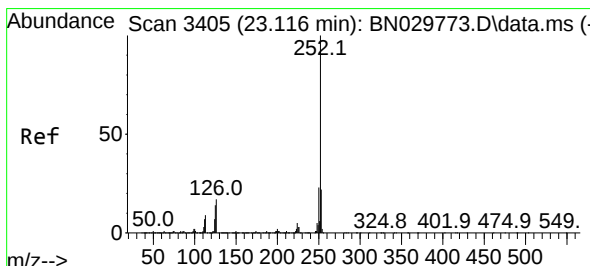
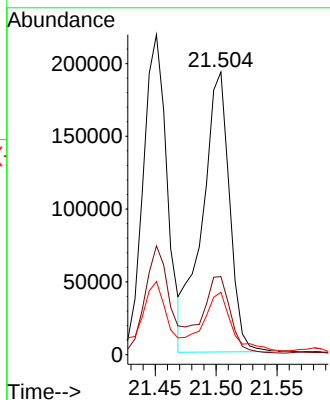
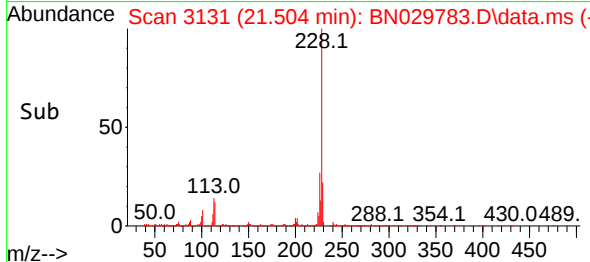
Instrument :
BNA_N
ClientSampleId :
BH6S8



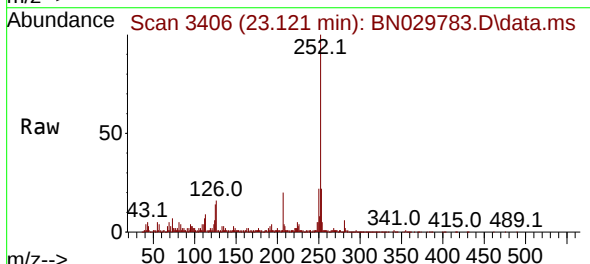
Tgt Ion:228 Resp: 30096
Ion Ratio Lower Upper
228 100
226 27.6 24.6 37.0
229 22.1 16.2 24.4

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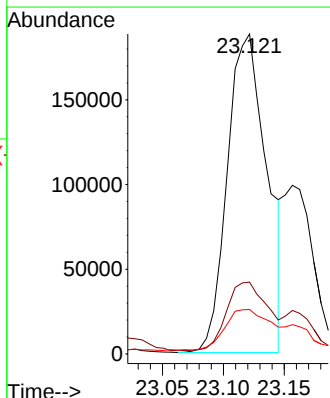
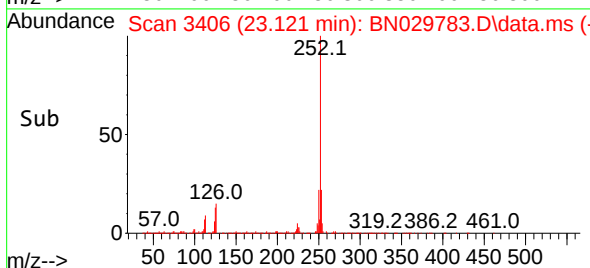
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/17/2024

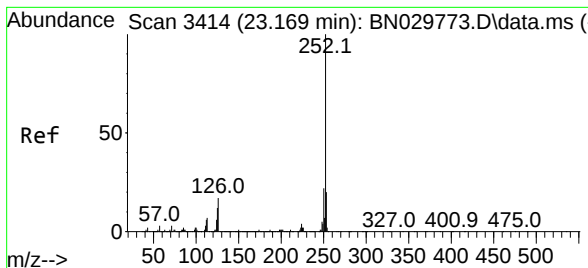


#90
Benzo(b)fluoranthene
Concen: 7.068 ng/u1
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BN029783.D
Acq: 14 Feb 2024 23:17



Tgt Ion:252 Resp: 423772
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.9 11.1 16.7





#91

Benzo(k)fluoranthene

Concen: 2.702 ng/ul m

RT: 23.157 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BN029783.D

Acq: 14 Feb 2024 23:17

Instrument :

BNA_N

ClientSampleId :

BH6S8

Tgt Ion:252 Resp: 165795

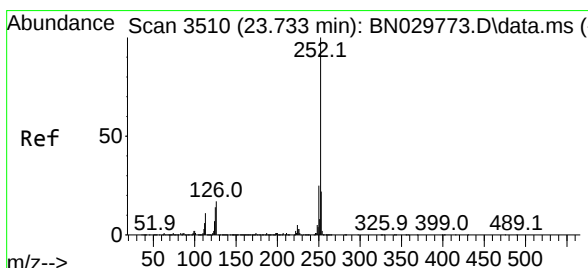
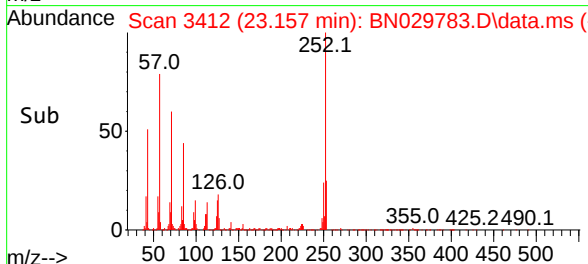
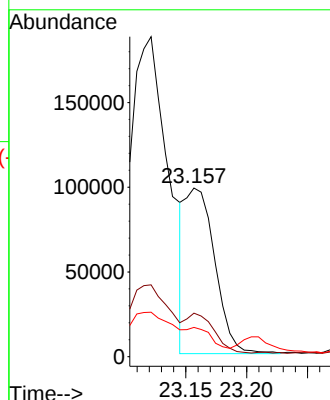
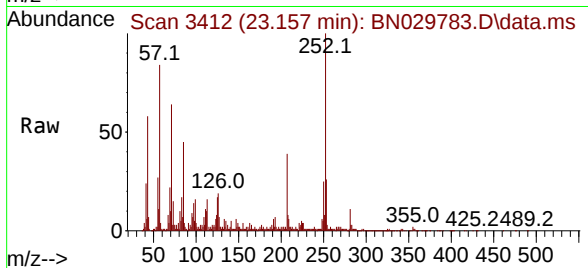
Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.4
125	17.3	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024



#93

Benzo(a)pyrene

Concen: 2.293 ng/ul

RT: 23.733 min Scan# 3510

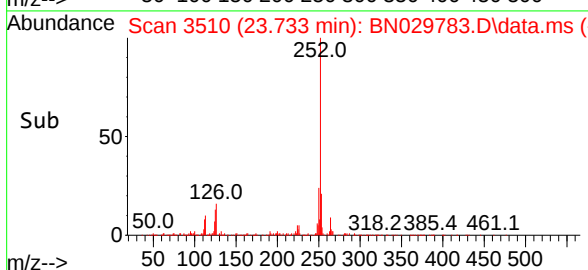
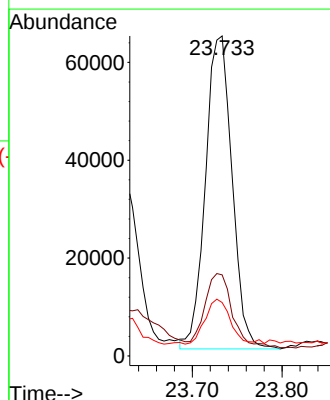
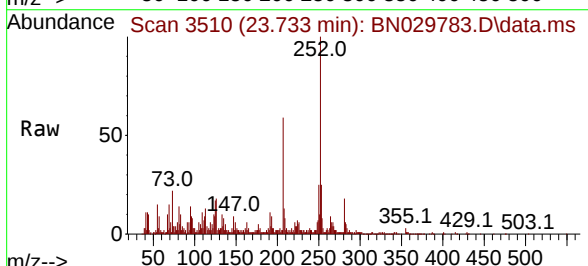
Delta R.T. 0.006 min

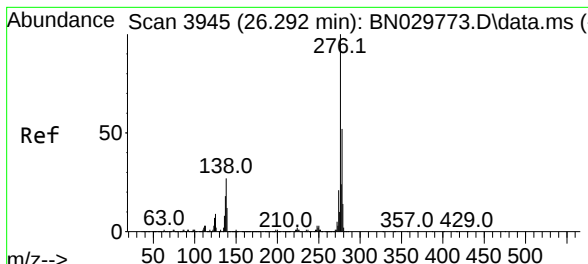
Lab File: BN029783.D

Acq: 14 Feb 2024 23:17

Tgt Ion:252 Resp: 131856

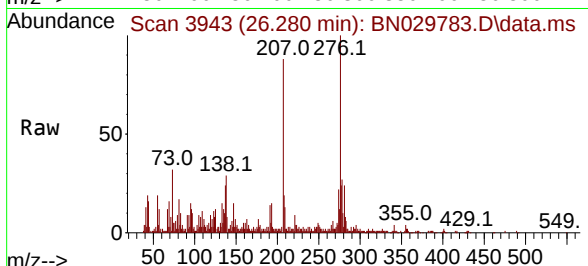
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.8	28.2
125	16.7	12.2	18.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.920 ng/ul
 RT: 26.280 min Scan# 3943
 Delta R.T. -0.000 min
 Lab File: BN029783.D
 Acq: 14 Feb 2024 23:17

Instrument :
 BNA_N
 ClientSampleId :
 BH6S8



Tgt Ion:	276	Resp:	13442
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.7	32.5
277	24.5	17.8	26.8

Manual Integrations
 APPROVED

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

