

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031357.D
 Acq On : 01 May 2024 21:13
 Operator : MA/JU
 Sample : P2105-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 02 00:20:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	162726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	635765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	374762	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	761171	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	664391	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	794607	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15768	4.511	ng/uL	0.00
4) Pyridine-d5	3.540	84	124992	12.488	ng/u1	0.00
7) Phenol-d5	6.787	99	312471	23.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	186104	24.274	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	261841	24.995	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	242435	22.342	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	125710	27.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	134221	27.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	237583	25.945	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	320458	24.148	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	737944	29.868	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	820368	28.617	ng/u1	0.00
54) 4-Nitrophenol-d4	14.475	143	112483	25.087	ng/u1	0.00
60) Fluorene-d10	15.257	176	637508	30.216	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	87256	22.292	ng/u1	0.00
73) Anthracene-d10	17.110	188	990008	31.515	ng/u1	0.00
81) Pyrene-d10	19.416	212	1133740	28.019	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1195402	32.495	ng/u1	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.434	105	101594	6.297	ng/u1	97
52) Acenaphthene	14.322	153	72859	3.367	ng/u1	98
56) Dibenzofuran	14.663	168	40656	1.383	ng/u1	97
61) Fluorene	15.310	166	76079	3.247	ng/u1	99
72) Phenanthrene	17.051	178	1398286	37.120	ng/u1	100
74) Anthracene	17.145	178	454584	12.067	ng/u1	98
77) Carbazole	17.422	167	175746	5.341	ng/u1	98
80) Fluoranthene	19.080	202	3036376	62.597	ng/u1	99
82) Pyrene	19.445	202	2514113	50.808	ng/u1	99
85) Benzo(a)anthracene	21.233	228	1495194	34.484	ng/u1	99
87) Chrysene	21.292	228	1247452	30.707	ng/u1	96
90) Benzo(b)fluoranthene	23.227	252	1608002	33.393	ng/u1	95
91) Benzo(k)fluoranthene	23.280	252	651440m	13.756	ng/u1	
93) Benzo(a)pyrene	23.998	252	1216324	28.241	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.368	276	749677	15.362	ng/u1	97
95) Dibenzo(a,h)anthracene	27.409	278	193012	4.761	ng/u1	94
96) Benzo(g,h,i)perylene	28.386	276	632927m	16.079	ng/u1	

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

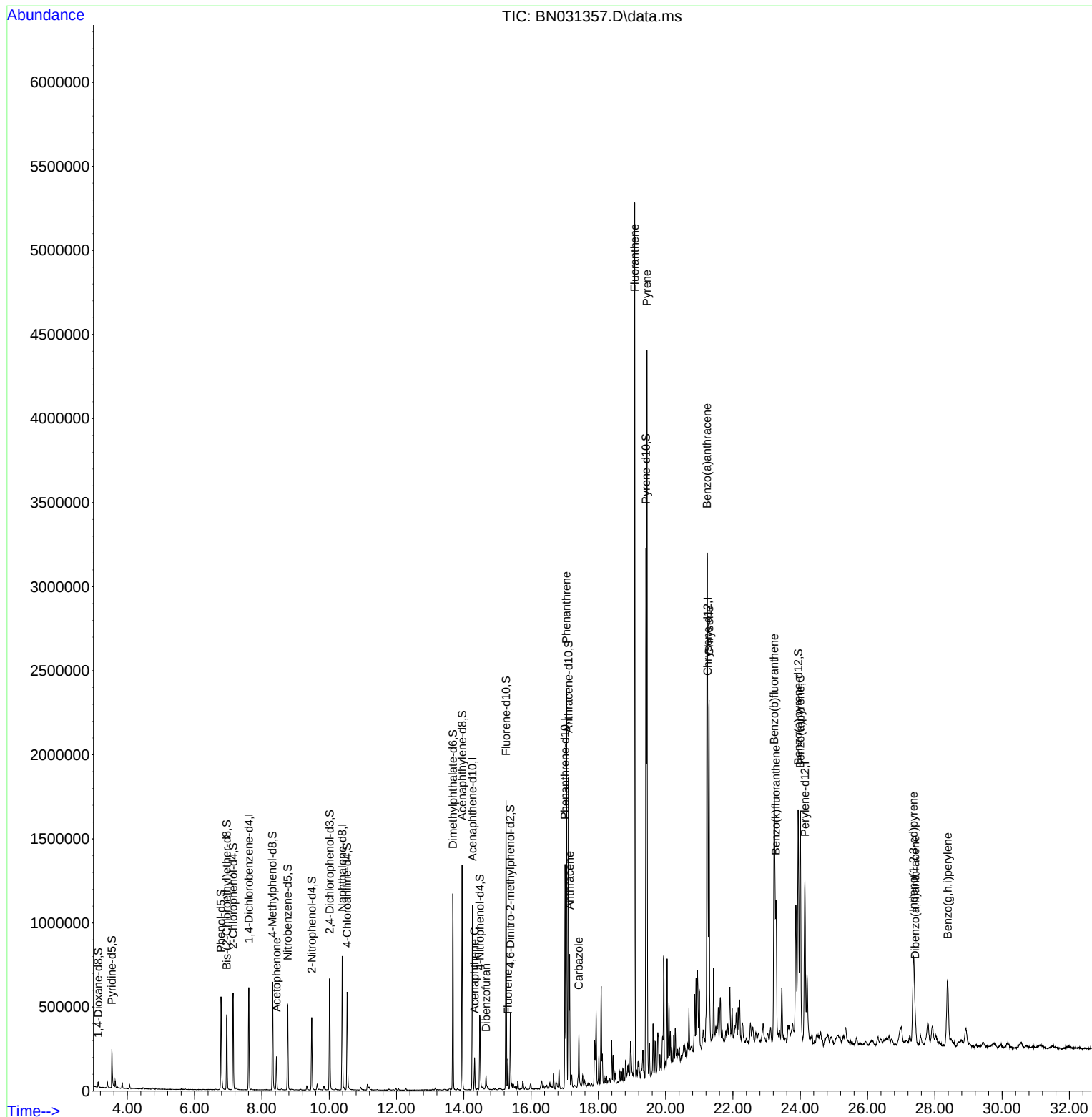
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031357.D
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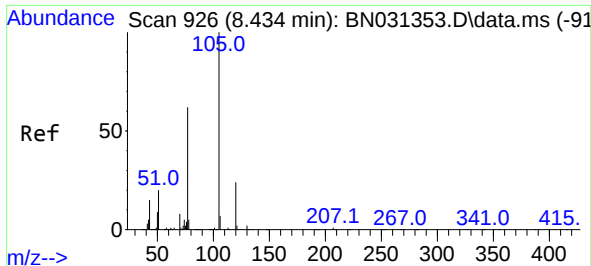
Instrument :
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 C0AD2

Quant Time: May 02 00:20:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

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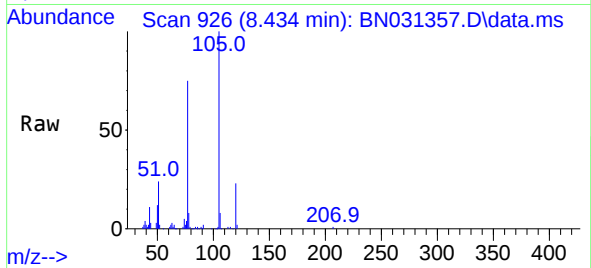
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024





#16
Acetophenone
Concen: 6.297 ng/ul
RT: 8.434 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

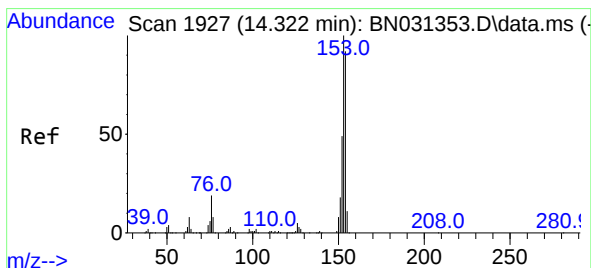
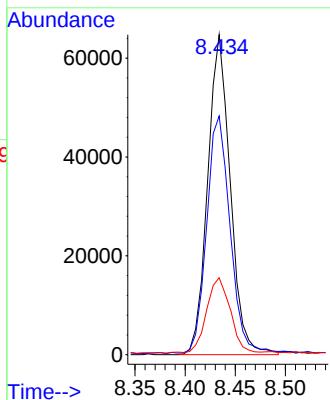
Instrument :
BNA_N
ClientSampleId :
C0AD2



Tgt Ion:105 Resp: 101594
Ion Ratio Lower Upper
105 100
77 74.6 62.0 93.0
51 24.0 20.6 30.8

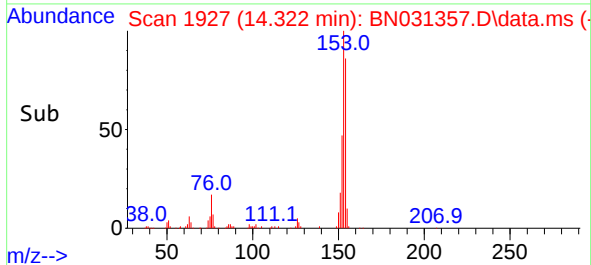
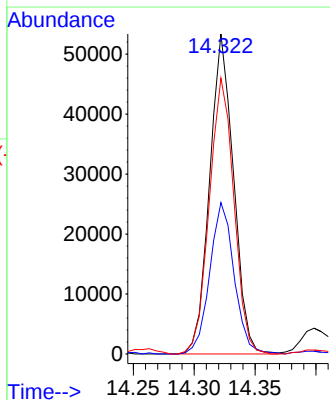
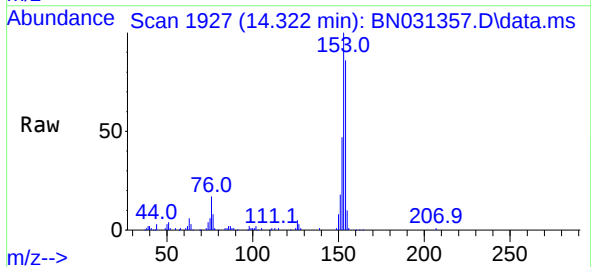
Manual Integrations
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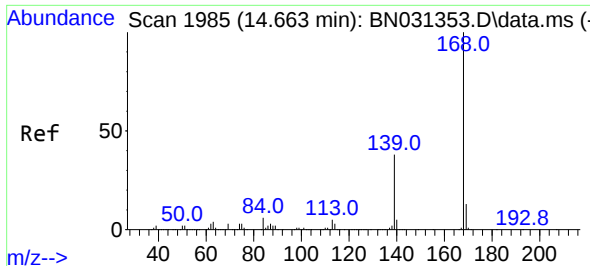
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#52
Acenaphthene
Concen: 3.367 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

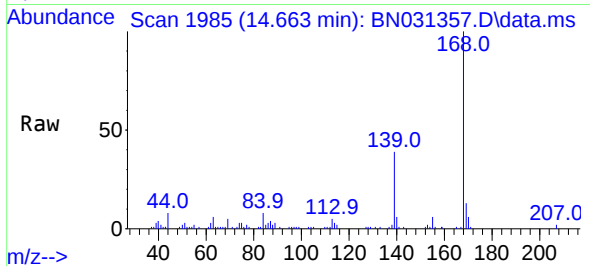
Tgt Ion:153 Resp: 72859
Ion Ratio Lower Upper
153 100
152 47.3 38.3 57.5
154 86.2 70.7 106.1





#56
Dibenzenofuran
Concen: 1.383 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

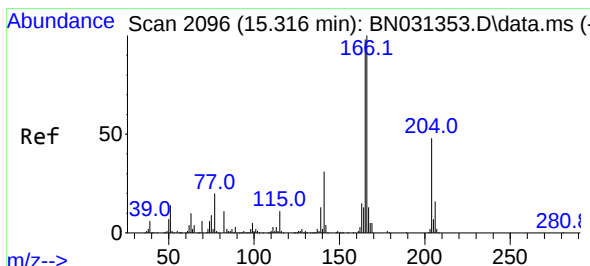
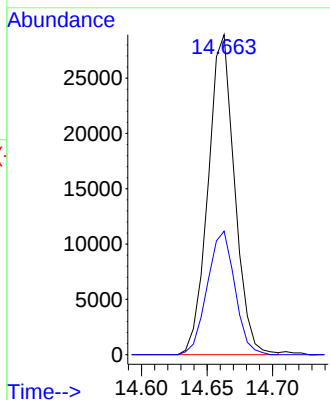
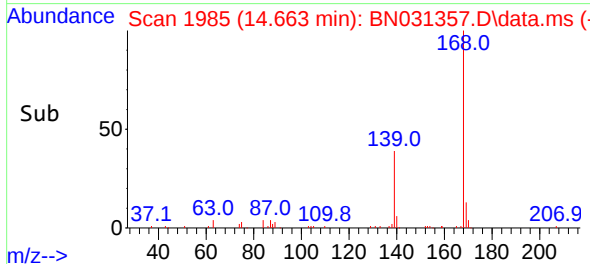
Instrument :
BNA_N
ClientSampleId :
C0AD2



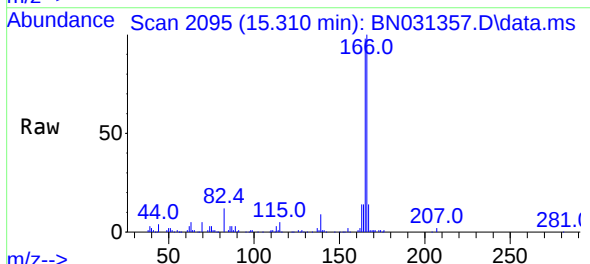
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Ion Ratio Lower Upper
168 100
139 38.6 29.7 44.5

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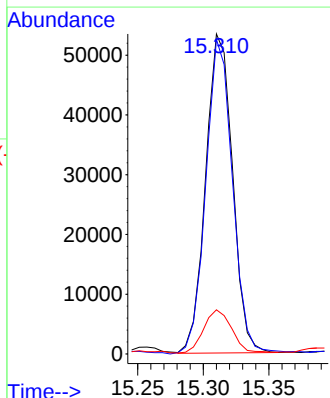
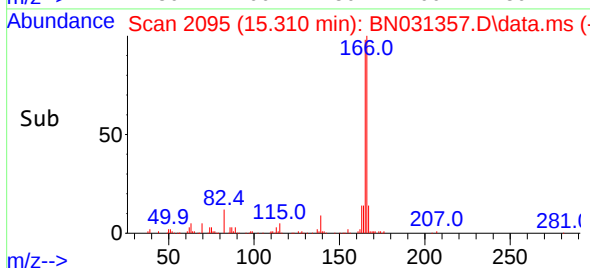
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

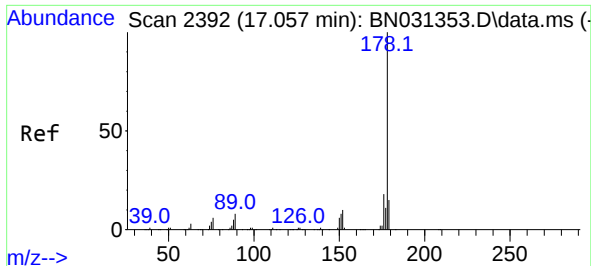


#61
Fluorene
Concen: 3.247 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13



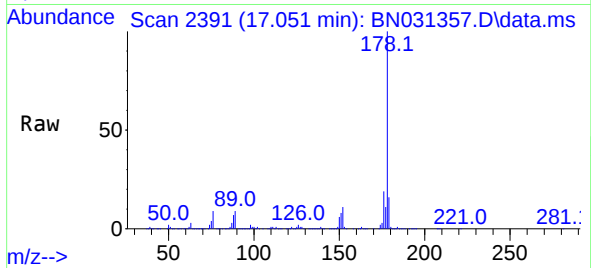
Tgt Ion:166 Resp: 76079
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.8 10.9 16.3





#72
Phenanthrene
Concen: 37.120 ng/u1
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

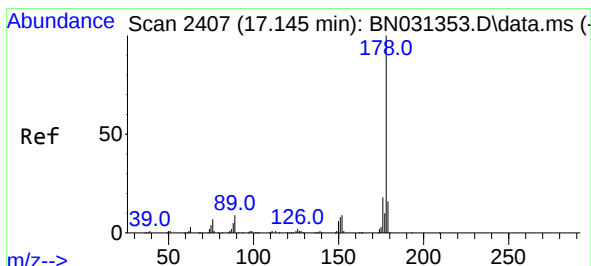
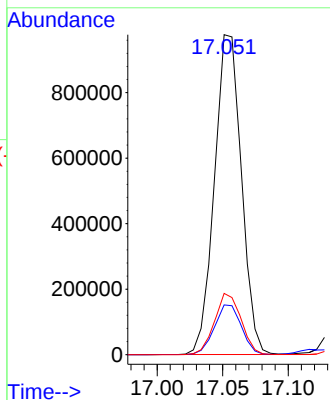
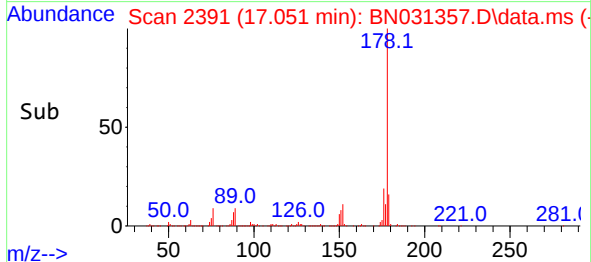
Instrument :
BNA_N
ClientSampleId :
C0AD2



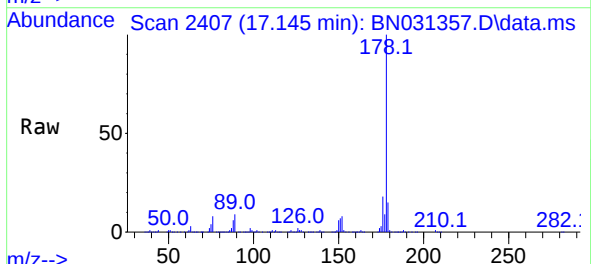
Tgt Ion:178 Resp: 1398280
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.6 23.4

Manual Integrations
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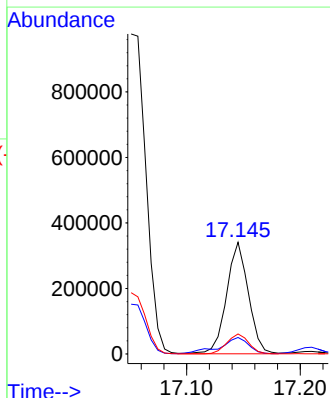
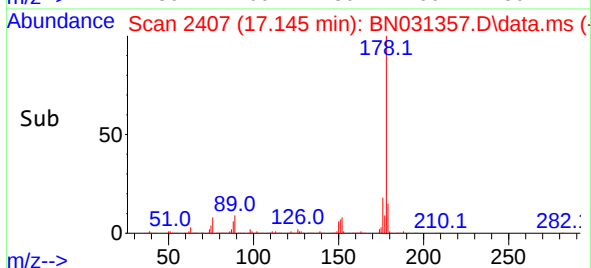
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

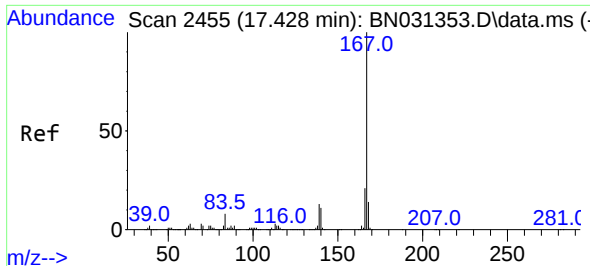


#74
Anthracene
Concen: 12.067 ng/u1
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13



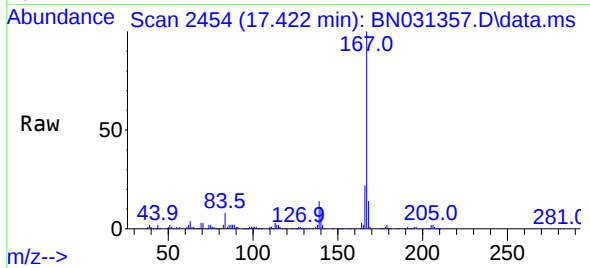
Tgt Ion:178 Resp: 454584
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 17.9 15.1 22.7





#77
 Carbazole
 Concen: 5.341 ng/ul
 RT: 17.422 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BN031357.D
 Acq: 01 May 2024 21:13

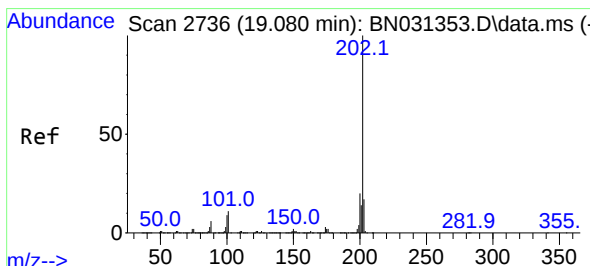
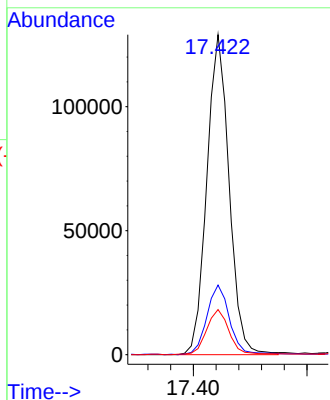
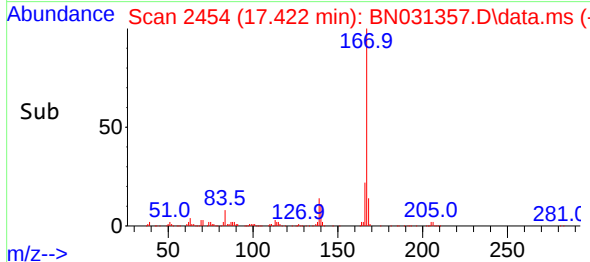
Instrument :
 BNA_N
 ClientSampleId :
 C0AD2



Tgt Ion:167 Resp: 175740
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.7 25.1
 139 14.1 10.4 15.6

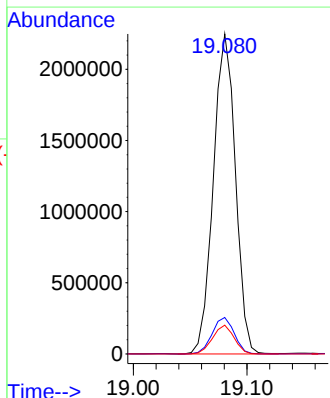
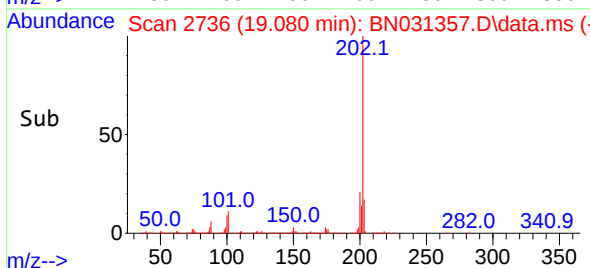
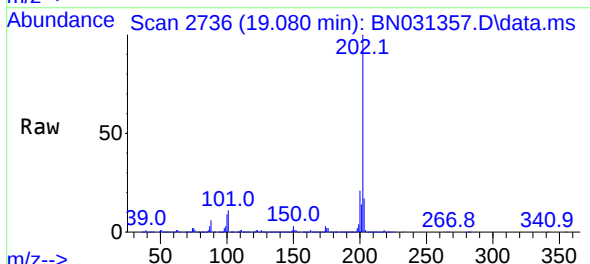
Manual Integrations
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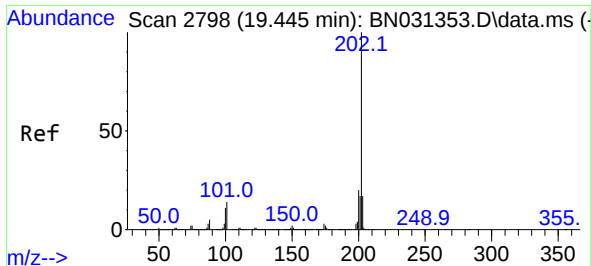
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024



#80
 Fluoranthene
 Concen: 62.597 ng/ul
 RT: 19.080 min Scan# 2736
 Delta R.T. 0.000 min
 Lab File: BN031357.D
 Acq: 01 May 2024 21:13

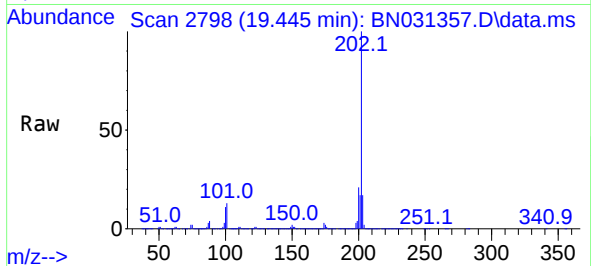
Tgt Ion:202 Resp: 3036376
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.0 13.6
 100 9.0 6.7 10.1





#82
Pyrene
Concen: 50.808 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

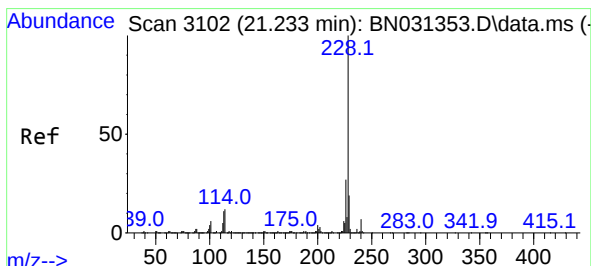
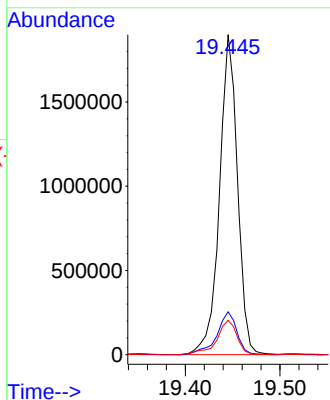
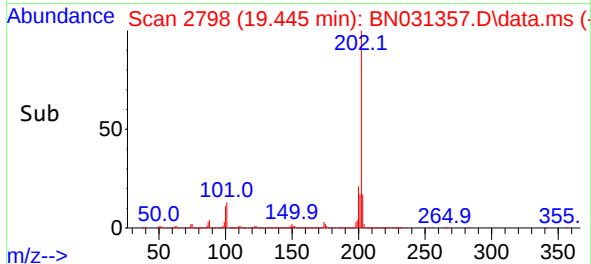
Instrument :
BNA_N
ClientSampleId :
C0AD2



Tgt Ion:202 Resp: 251411
Ion Ratio Lower Upper
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101 13.4 11.0 16.6
100 10.7 9.2 13.8

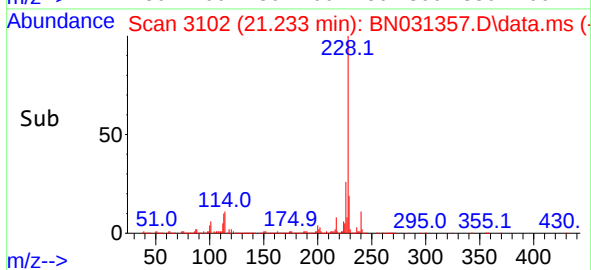
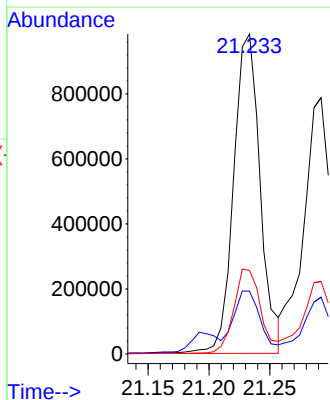
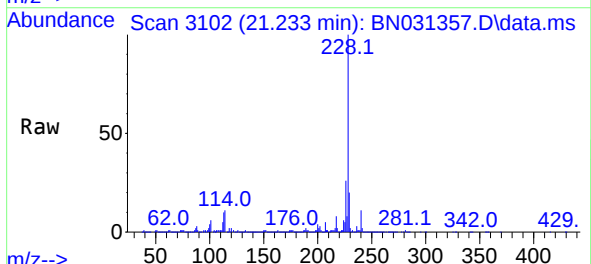
Manual Integrations
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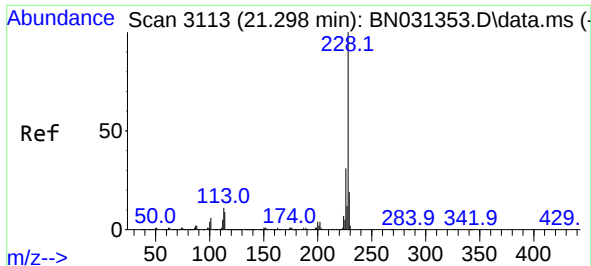
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#85
Benzo(a)anthracene
Concen: 34.484 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

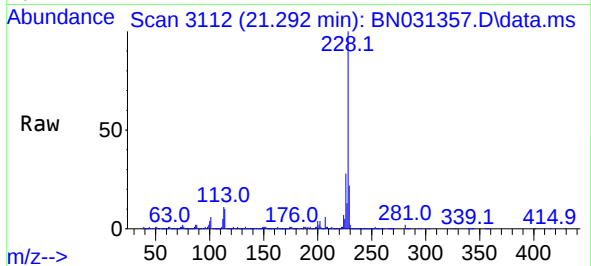
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Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 26.1 21.1 31.7





#87
Chrysene
Concen: 30.707 ng/u1
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

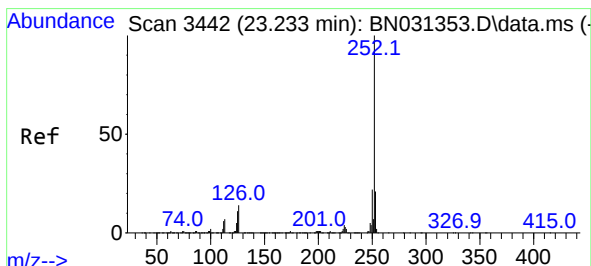
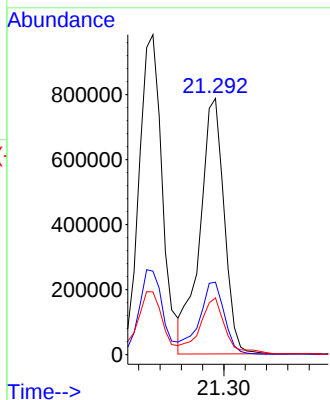
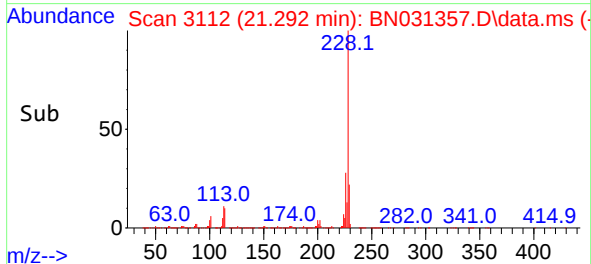
Instrument :
BNA_N
ClientSampleId :
C0AD2



Tgt Ion:228 Resp: 1247452
Ion Ratio Lower Upper
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226 28.3 24.5 36.7
229 22.2 16.7 25.1

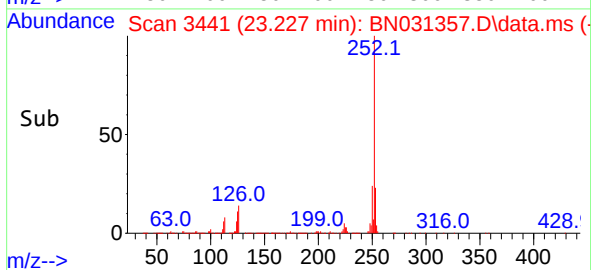
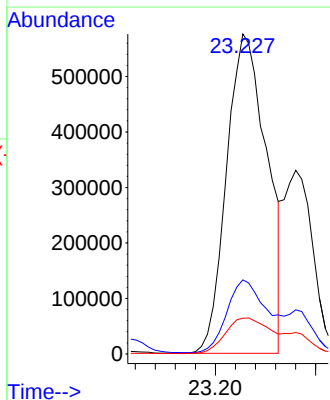
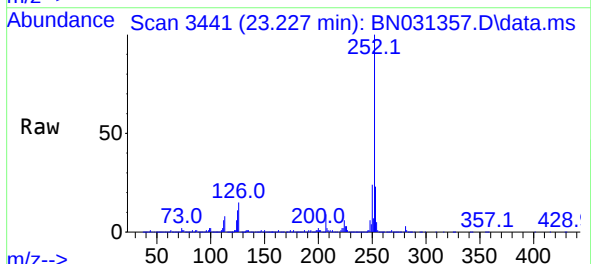
Manual Integrations
APPROVED

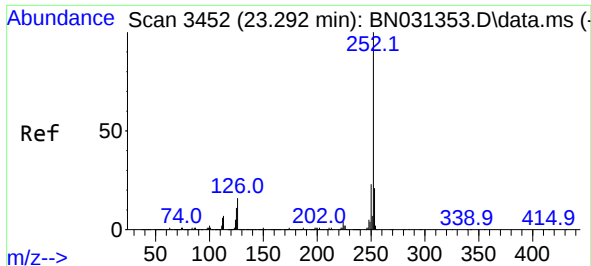
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#90
Benzo(b)fluoranthene
Concen: 33.393 ng/u1
RT: 23.227 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

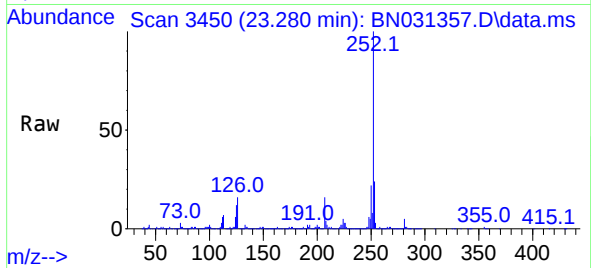
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Ion Ratio Lower Upper
252 100
253 23.1 15.7 23.5
125 11.2 8.6 13.0





#91
Benzo(k)fluoranthene
Concen: 13.756 ng/ul m
RT: 23.280 min Scan# 3452
Delta R.T. -0.012 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

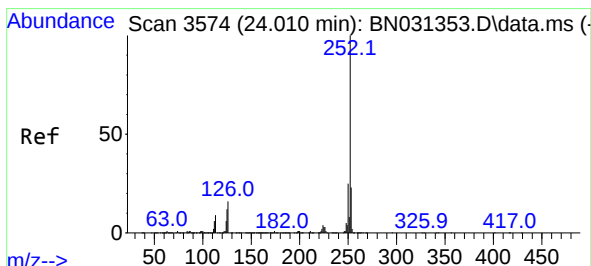
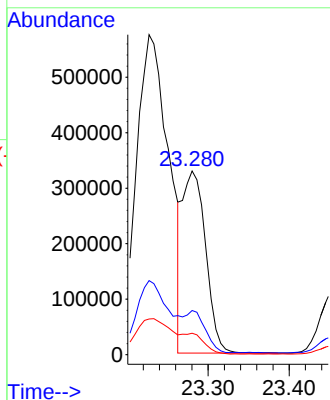
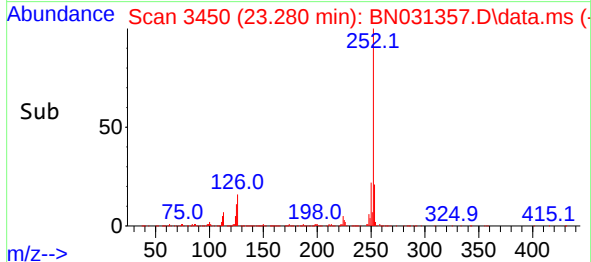
Instrument :
BNA_N
ClientSampleId :
C0AD2



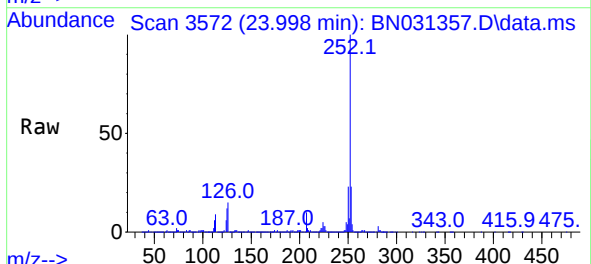
Tgt Ion:252 Resp: 651440
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 11.7 8.7 13.1

Manual Integrations
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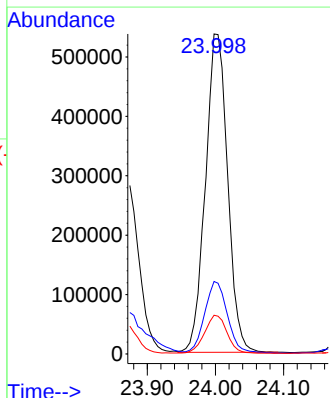
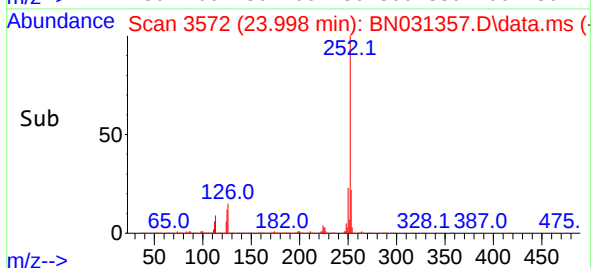
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

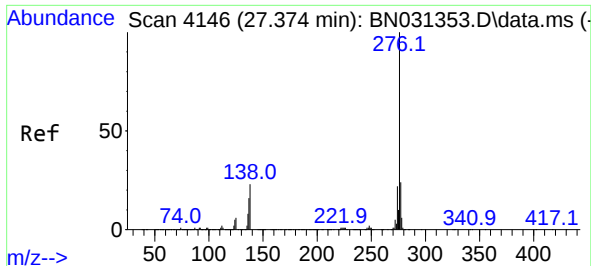


#93
Benzo(a)pyrene
Concen: 28.241 ng/ul
RT: 23.998 min Scan# 3572
Delta R.T. -0.012 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13



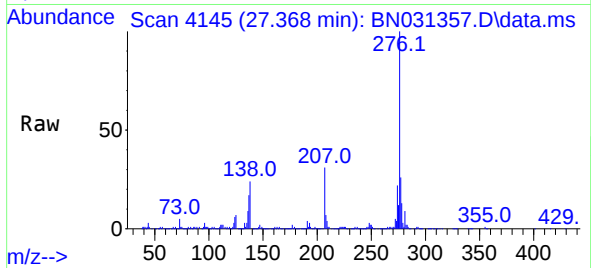
Tgt Ion:252 Resp: 1216324
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 12.1 9.7 14.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 15.362 ng/ul
RT: 27.368 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13

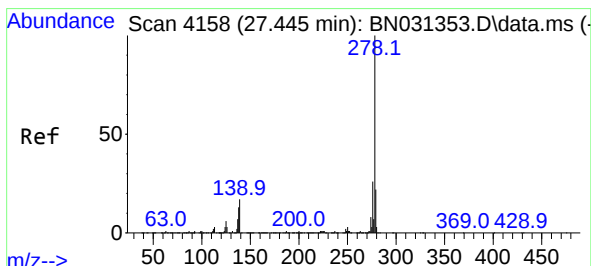
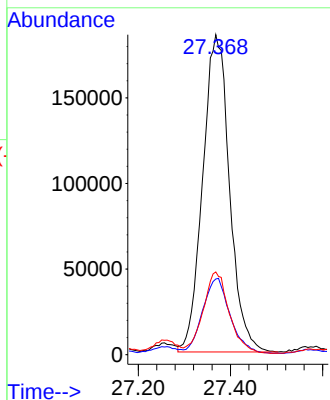
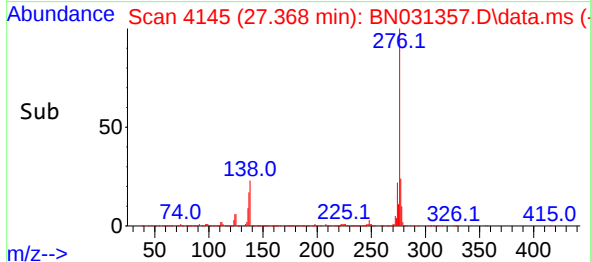
Instrument :
BNA_N
ClientSampleId :
C0AD2



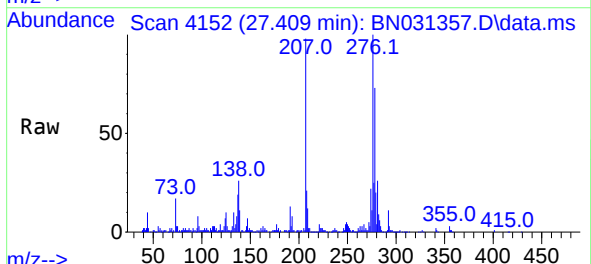
Tgt Ion: 276 Resp: 74967
Ion Ratio Lower Upper
276 100
138 23.7 18.1 27.1
277 25.9 19.5 29.3

Manual Integrations
APPROVED

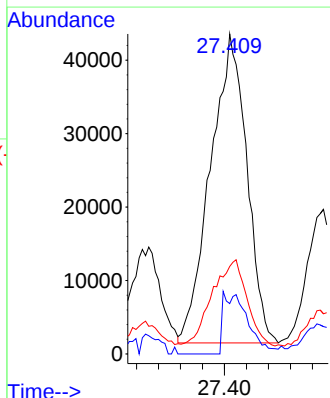
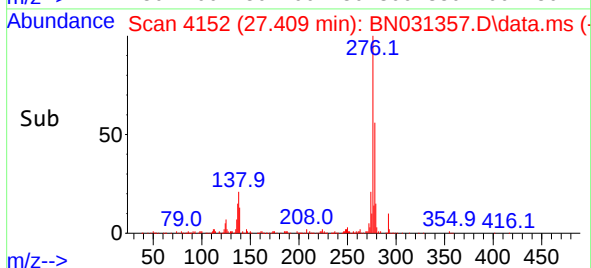
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

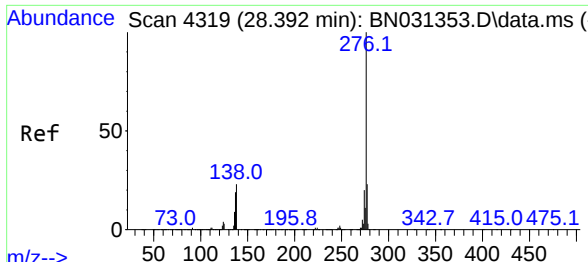


#95
Dibenzo(a,h)anthracene
Concen: 4.761 ng/ul
RT: 27.409 min Scan# 4152
Delta R.T. -0.035 min
Lab File: BN031357.D
Acq: 01 May 2024 21:13



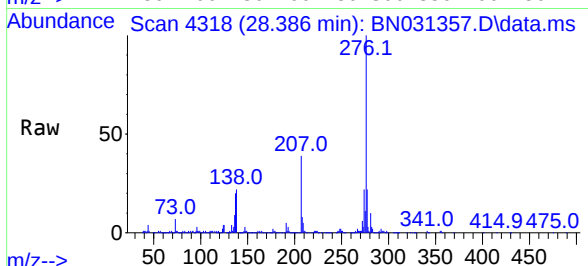
Tgt Ion: 278 Resp: 193012
Ion Ratio Lower Upper
278 100
139 15.7 13.9 20.9
279 27.3 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 16.079 ng/ul m
 RT: 28.386 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN031357.D
 Acq: 01 May 2024 21:13

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2



Tgt Ion: 276 Resp: 63292

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.8	28.2
277	21.6	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

