

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031697.D
 Acq On : 29 May 2024 19:19
 Operator : MA/JU
 Sample : P2569-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH648

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 23:30:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	481564	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2225392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1460932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2993308	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2402579	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2255247	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	40527	3.482	ng/uL	0.00
4) Pyridine-d5	3.593	84	485168	14.807	ng/u1	0.00
7) Phenol-d5	6.852	99	861819	20.876	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	516872	21.404	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	674686	21.418	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	552137	16.407	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	352078	20.692	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	355695	20.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	678693	20.683	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	614890	12.621	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2276160	22.364	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2574955	22.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	305845	15.009	ng/u1	0.00
60) Fluorene-d10	15.322	176	1970630	22.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	241562m	16.055	ng/u1	0.00
73) Anthracene-d10	17.169	188	3015673	23.532	ng/u1	0.00
81) Pyrene-d10	19.469	212	3533530	27.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2769730	25.720	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	254725	1.926	ng/u1	98
52) Acenaphthene	14.386	153	98304	1.123	ng/u1	97
61) Fluorene	15.375	166	140734	1.470	ng/u1	95
72) Phenanthrene	17.110	178	3404091	22.324	ng/u1	99
74) Anthracene	17.204	178	894316	5.788	ng/u1	98
77) Carbazole	17.475	167	281421	2.136	ng/u1	99
80) Fluoranthene	19.133	202	6633754	43.174	ng/u1	100
82) Pyrene	19.498	202	5905778	37.463	ng/u1	99
83) Butylbenzylphthalate	20.404	149	112025	1.505	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3372792	20.973	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	10630476	97.942	ng/u1	99
87) Chrysene	21.345	228	3026273m	20.147	ng/u1	
90) Benzo(b)fluoranthene	23.315	252	3456648	25.643	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	1219774m	9.221	ng/u1	
93) Benzo(a)pyrene	24.104	252	2396157	18.979	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	1344554	9.242	ng/u1	96
95) Dibenzo(a,h)anthracene	27.580	278	362271m	3.050	ng/u1	
96) Benzo(g,h,i)perylene	28.568	276	1213393	10.492	ng/u1	97

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

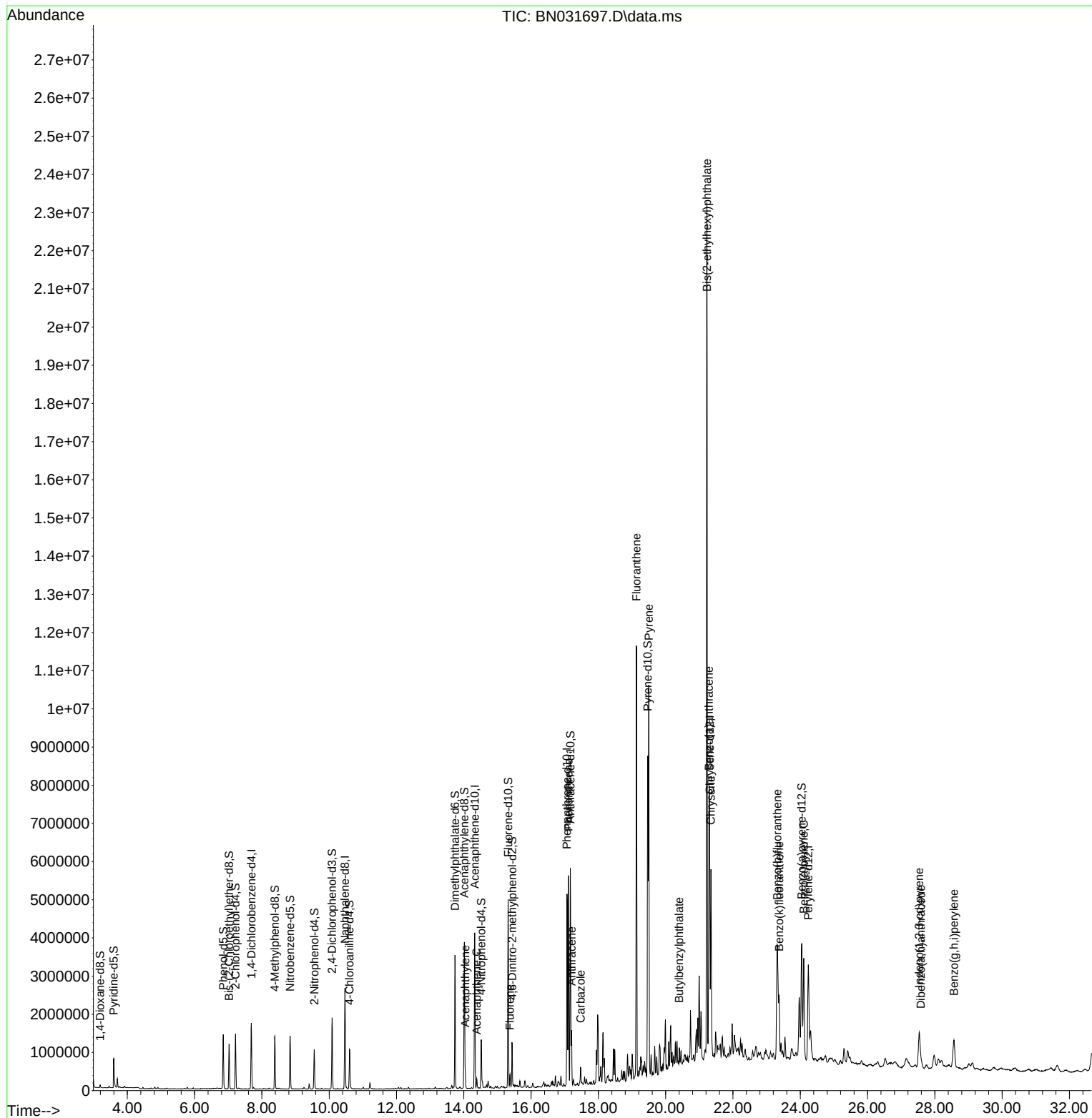
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031697.D
 Acq On : 29 May 2024 19:19
 Operator : MA/JU
 Sample : P2569-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

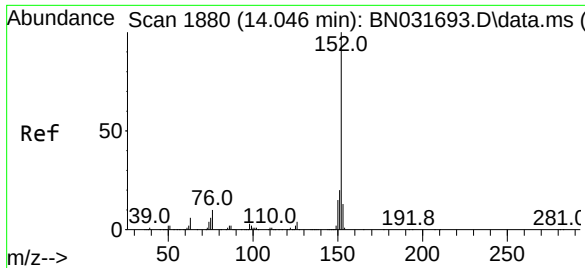
Instrument :
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 Supervised By :mohammad ahmed 05/31/2024

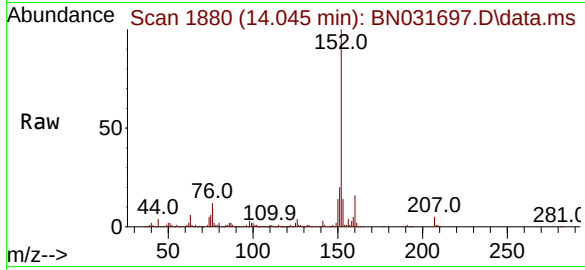
Quant Time: May 29 23:30:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.926 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

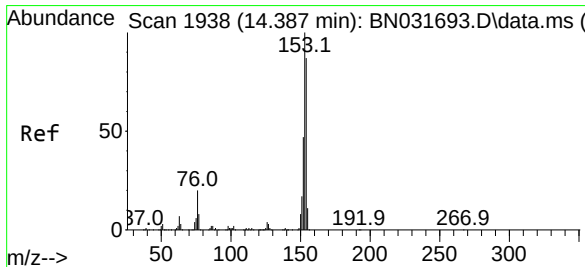
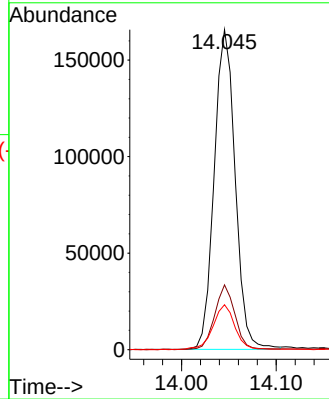
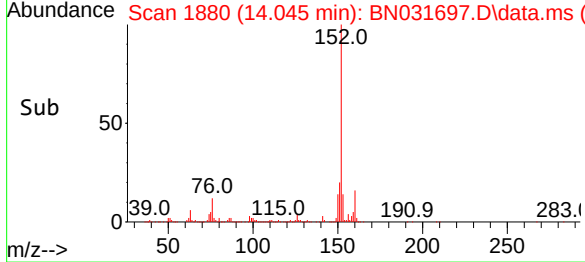
Instrument :
BNA_N
ClientSampleId :
BH648



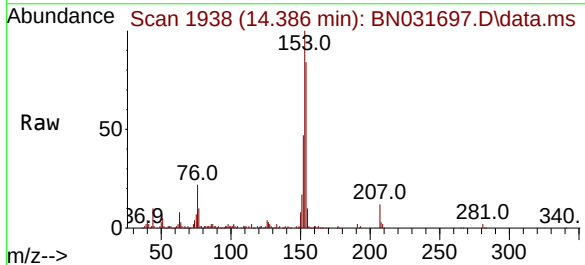
Tgt Ion:152 Resp: 254725
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.1 10.4 15.6

Manual Integrations
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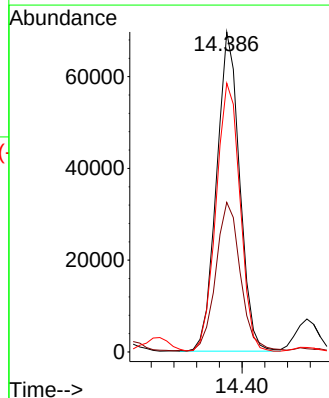
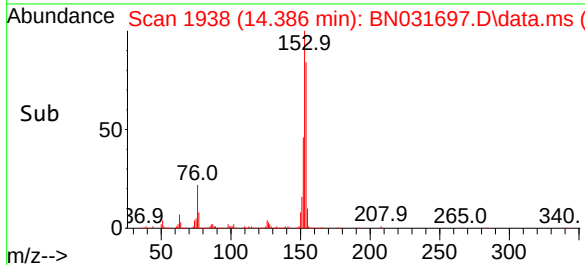
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

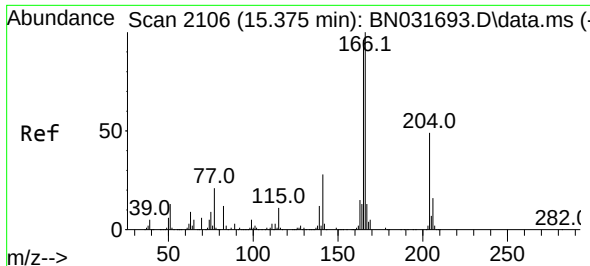


#52
Acenaphthene
Concen: 1.123 ng/ul
RT: 14.386 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19



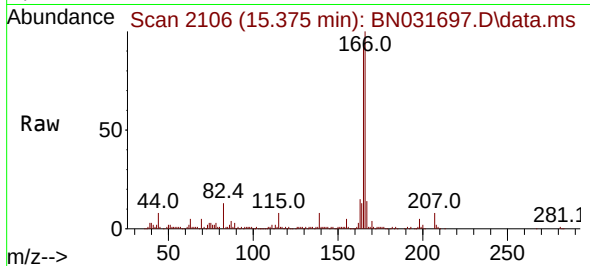
Tgt Ion:153 Resp: 98304
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 84.0 69.8 104.8





#61
Fluorene
Concen: 1.470 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

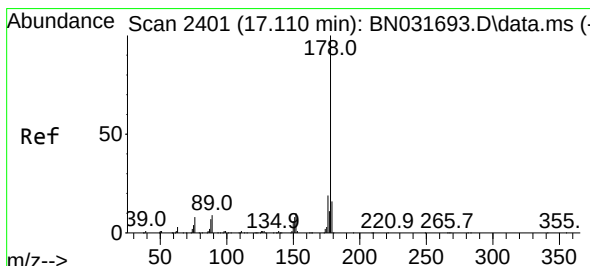
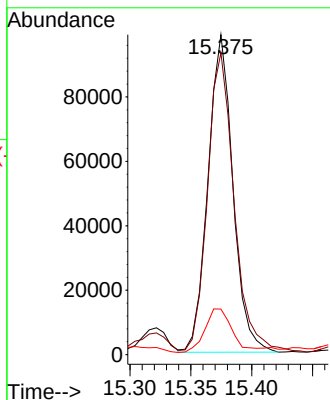
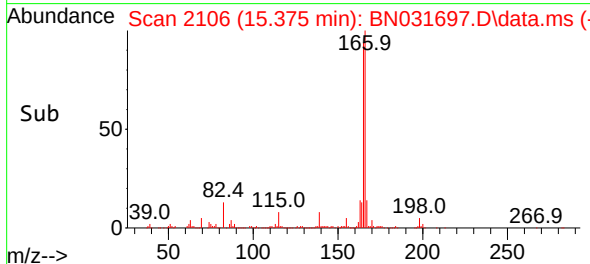
Instrument :
BNA_N
ClientSampleId :
BH648



Tgt Ion:166 Resp: 140734
Ion Ratio Lower Upper
166 100
165 94.4 80.3 120.5
167 14.3 11.3 16.9

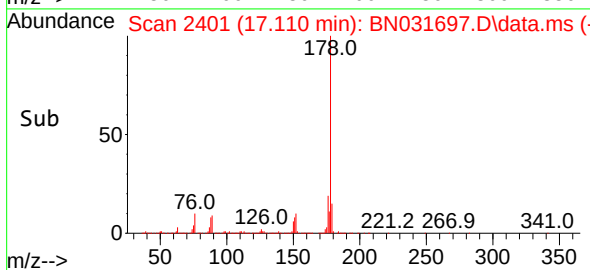
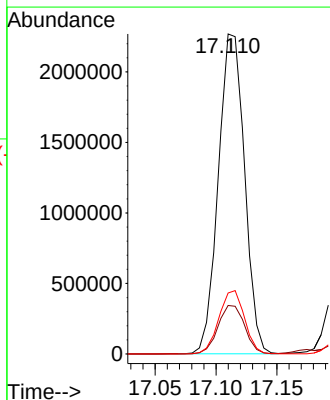
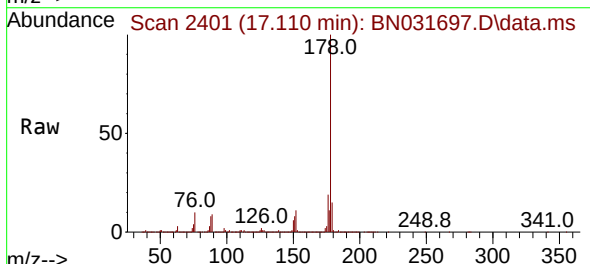
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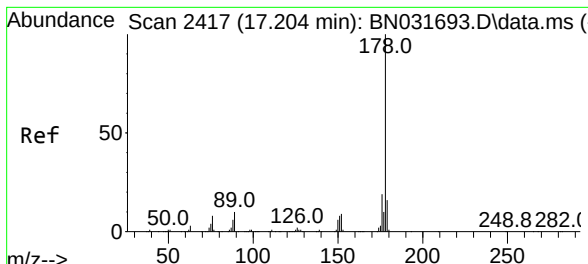
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#72
Phenanthrene
Concen: 22.324 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:178 Resp: 3404091
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 19.1 15.8 23.6





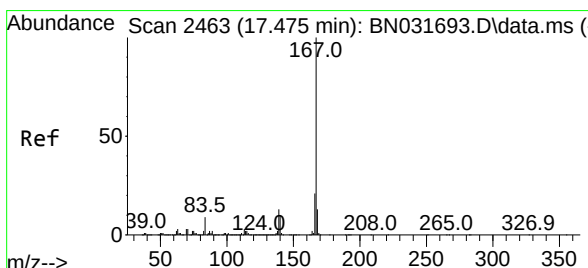
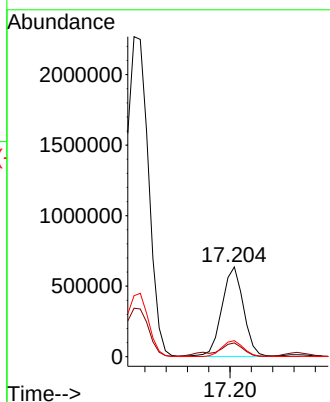
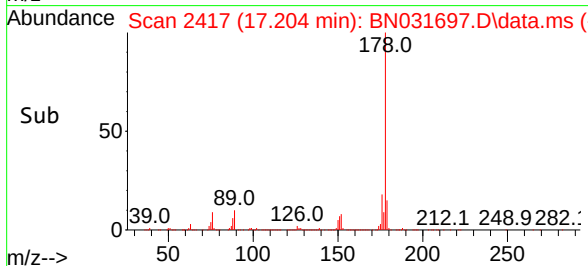
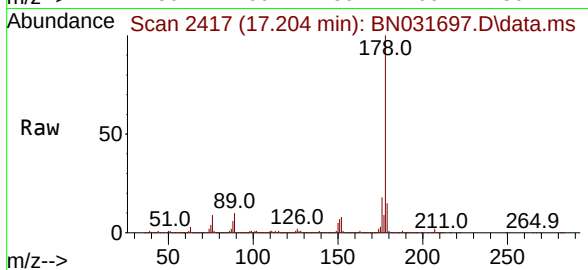
#74
 Anthracene
 Concen: 5.788 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

Instrument : BNA_N
 ClientSampleId : BH648

Tgt Ion:178 Resp: 894310
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 17.8 14.8 22.2

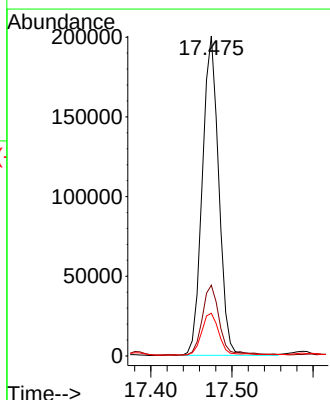
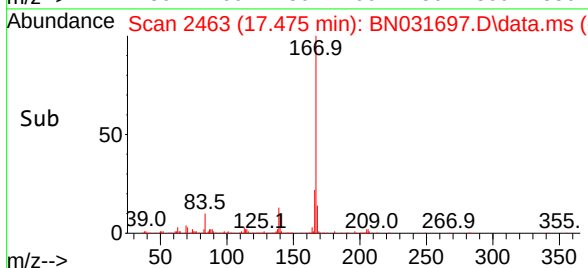
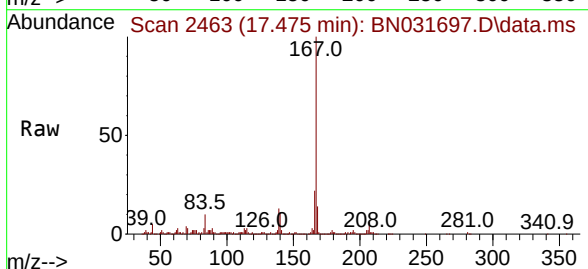
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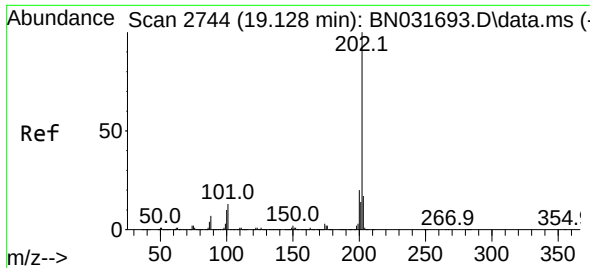
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#77
 Carbazole
 Concen: 2.136 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031697.D
 Acq: 29 May 2024 19:19

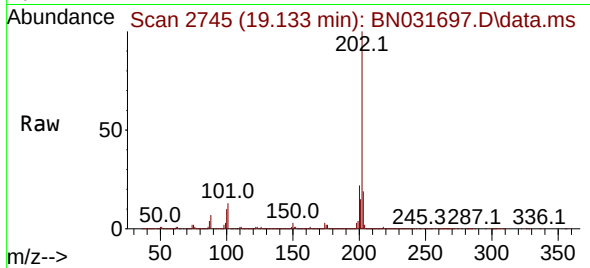
Tgt Ion:167 Resp: 281421
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.4 10.5 15.7





#80
Fluoranthene
Concen: 43.174 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

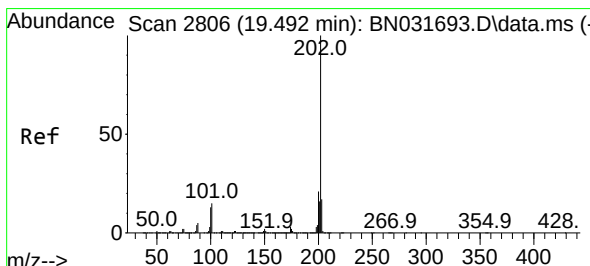
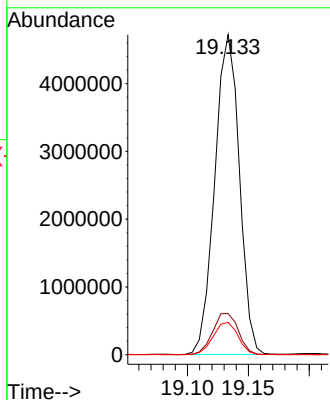
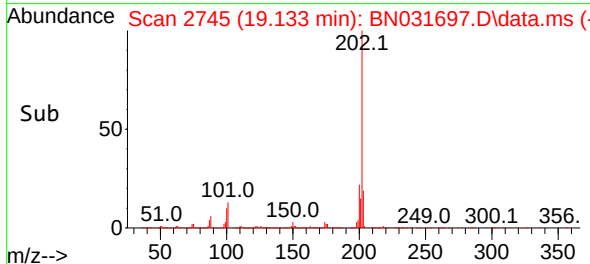
Instrument :
BNA_N
ClientSampleId :
BH648



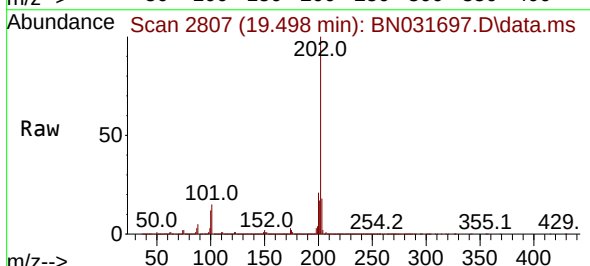
Tgt Ion:202 Resp: 6633754
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.1 8.0 12.0

Manual Integrations
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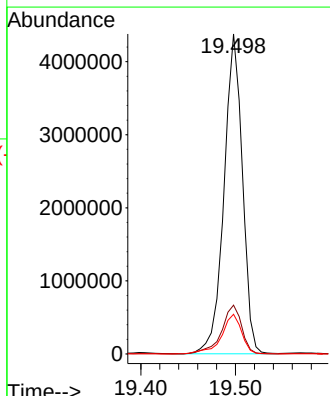
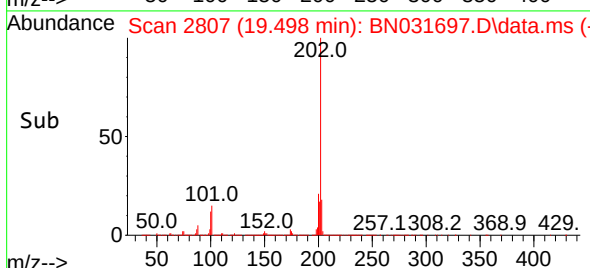
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

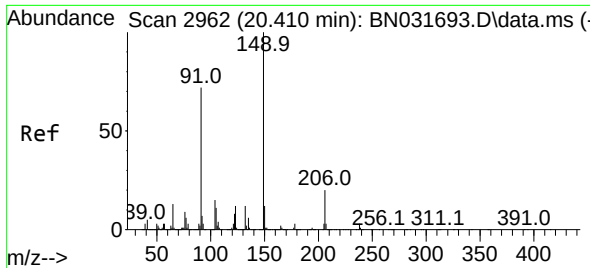


#82
Pyrene
Concen: 37.463 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19



Tgt Ion:202 Resp: 5905778
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.4 10.2 15.2





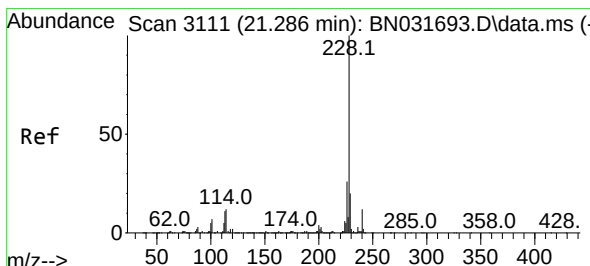
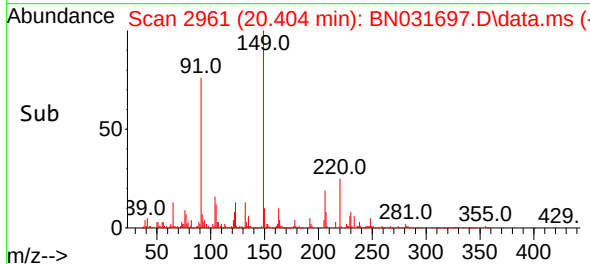
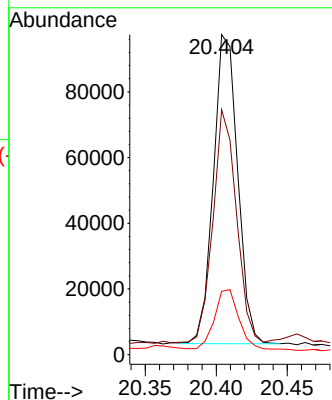
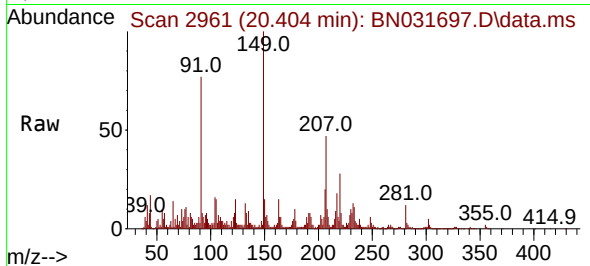
#83
Butylbenzylphthalate
Concen: 1.505 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Instrument :
BNA_N
ClientSampleId :
BH648

Tgt Ion:149 Resp: 112025
Ion Ratio Lower Upper
149 100
91 76.5 61.0 91.4
206 19.8 16.5 24.7

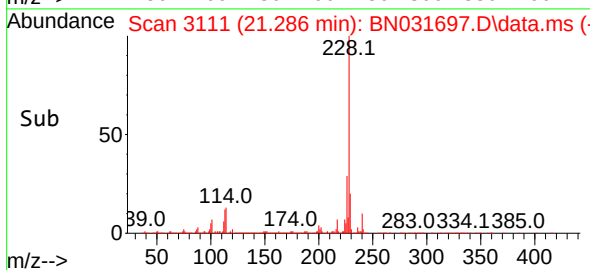
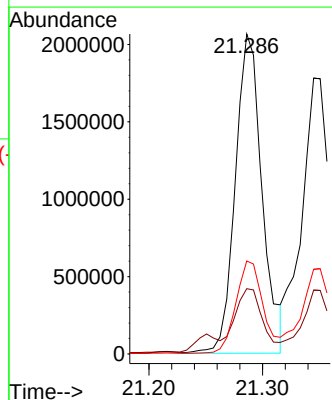
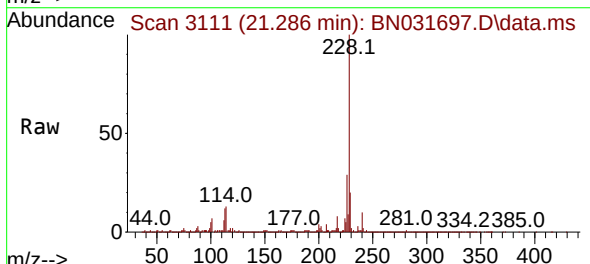
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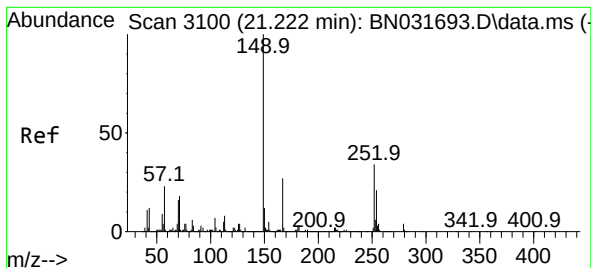
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#85
Benzo(a)anthracene
Concen: 20.973 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

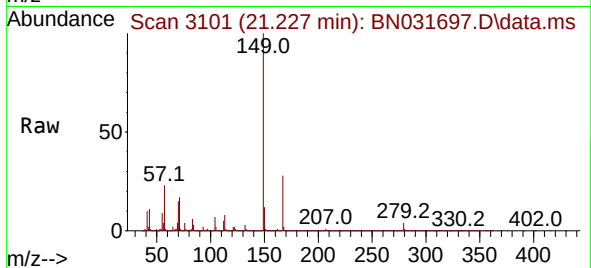
Tgt Ion:228 Resp: 3372792
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 29.1 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 97.942 ng/ul
RT: 21.227 min Scan# 3100
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

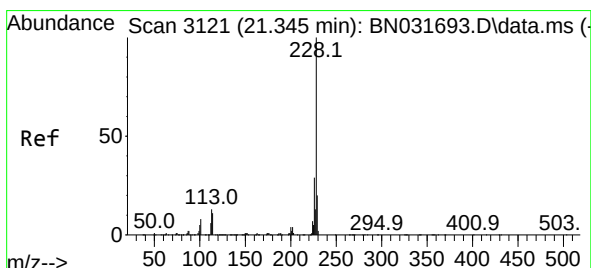
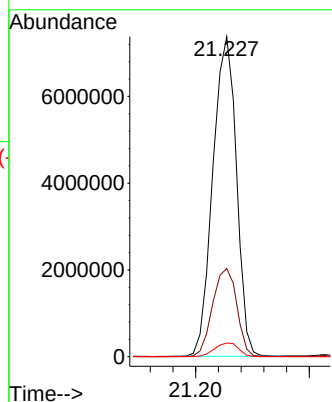
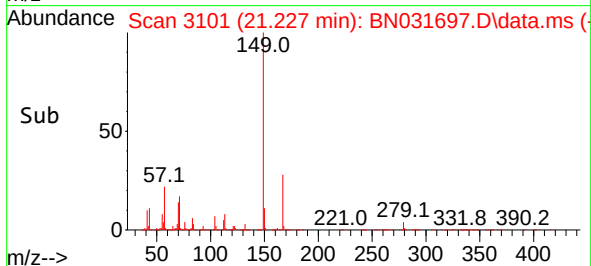
Instrument :
BNA_N
ClientSampleId :
BH648



Tgt Ion:149 Resp:10630470
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.2 3.3 4.9

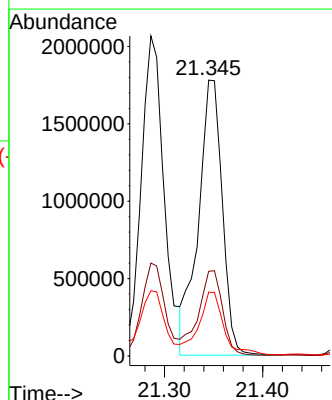
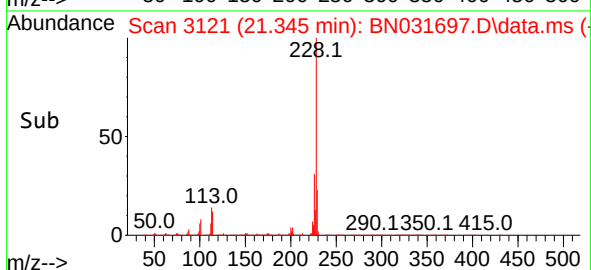
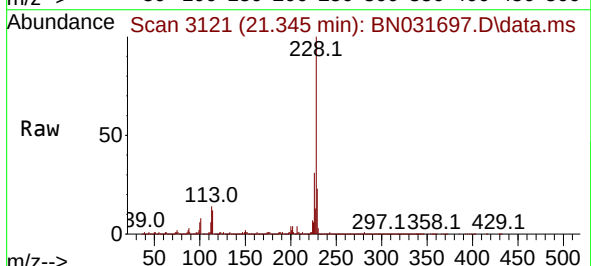
Manual Integrations
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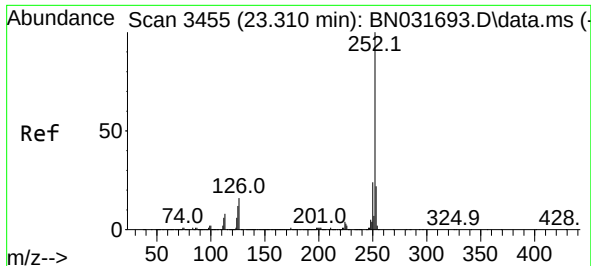
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Chrysene
Concen: 20.147 ng/ul m
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

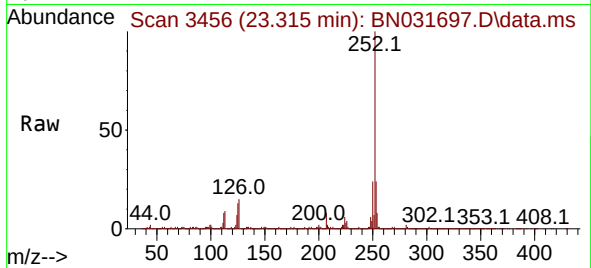
Tgt Ion:228 Resp: 3026273
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 23.1 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 25.643 ng/ul
RT: 23.315 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

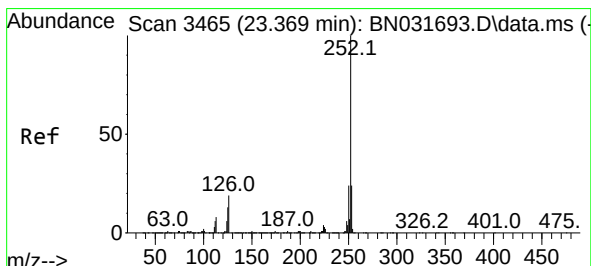
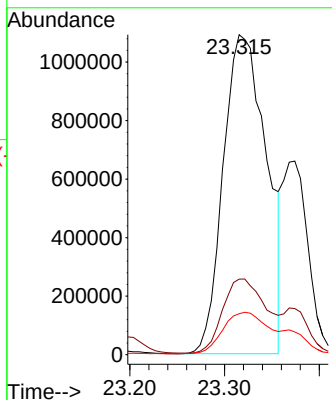
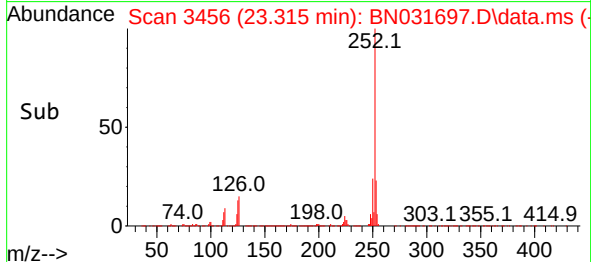
Instrument :
BNA_N
ClientSampleId :
BH648



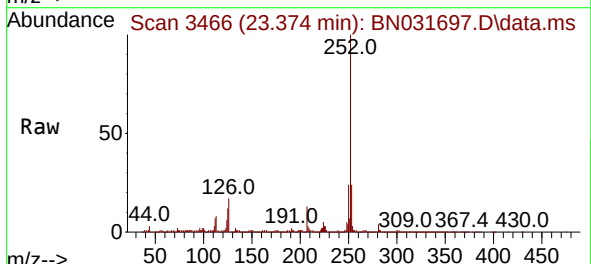
Tgt Ion:252 Resp: 345664
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.8 9.2 13.8

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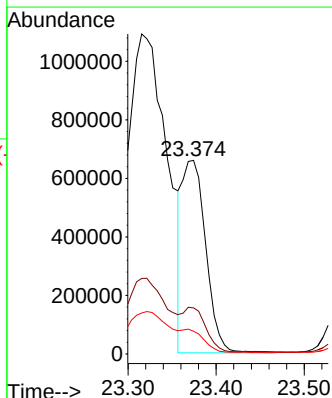
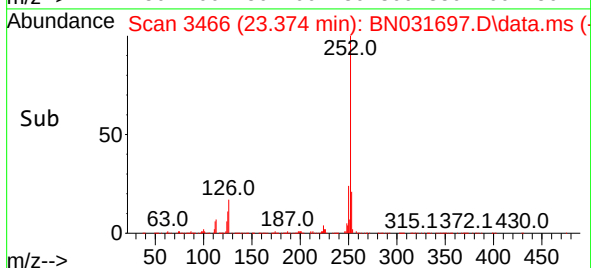
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

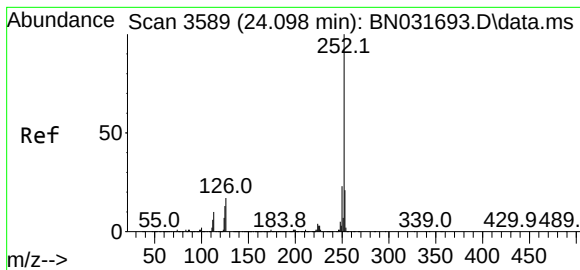


#91
Benzo(k)fluoranthene
Concen: 9.221 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19



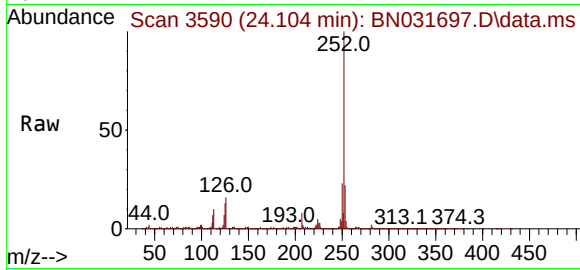
Tgt Ion:252 Resp: 1219774
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 11.7 9.4 14.2





#93
Benzo(a)pyrene
Concen: 18.979 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

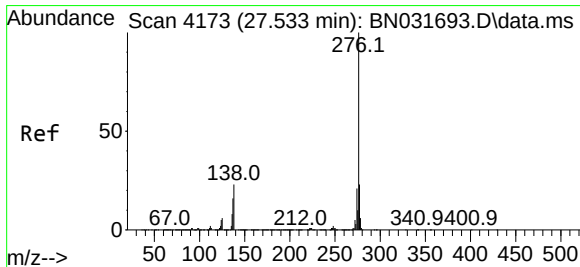
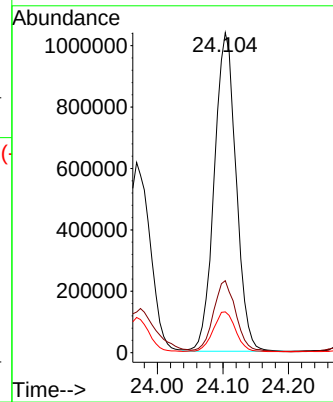
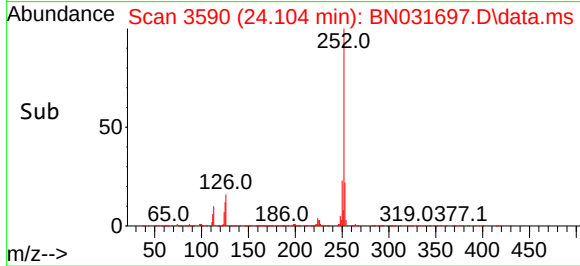
Instrument :
BNA_N
ClientSampleId :
BH648



Tgt Ion:252 Resp: 239615
Ion Ratio Lower Upper
252 100
253 22.5 16.6 24.8
125 12.7 9.8 14.8

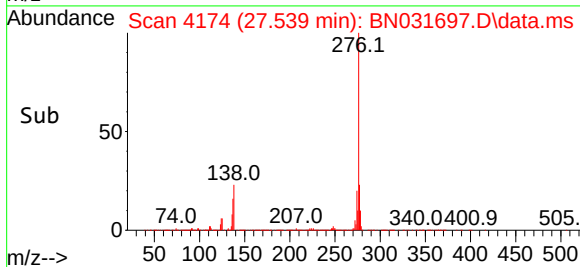
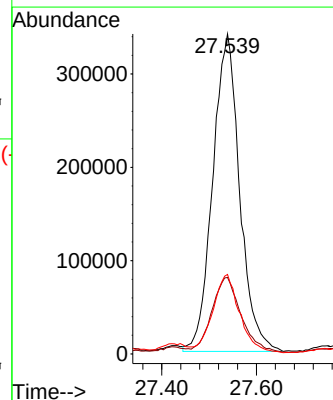
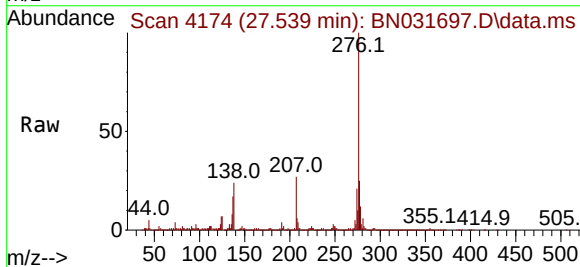
Manual Integrations
APPROVED

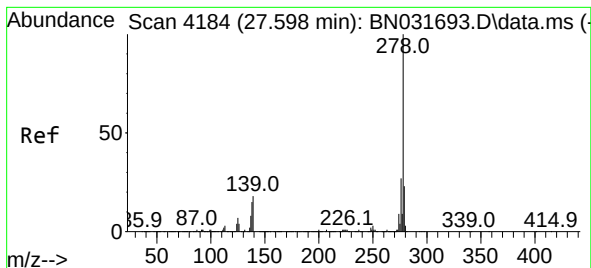
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 9.242 ng/ul
RT: 27.539 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BN031697.D
Acq: 29 May 2024 19:19

Tgt Ion:276 Resp: 1344554
Ion Ratio Lower Upper
276 100
138 23.9 18.1 27.1
277 24.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.050 ng/ul m

RT: 27.580 min Scan# 4184

Delta R.T. -0.024 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Instrument :

BNA_N

ClientSampleId :

BH648

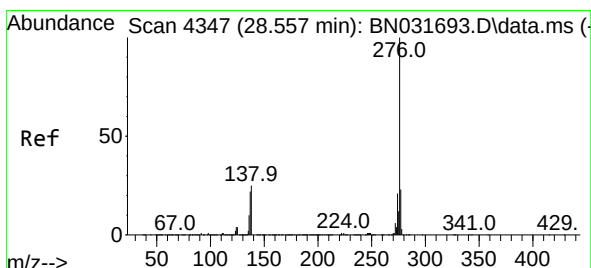
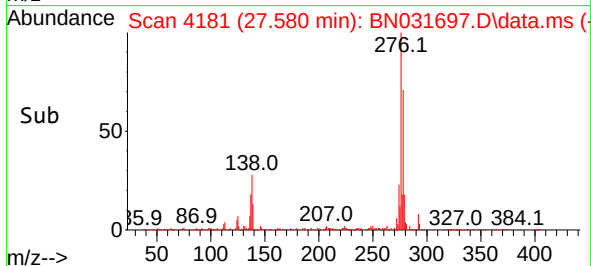
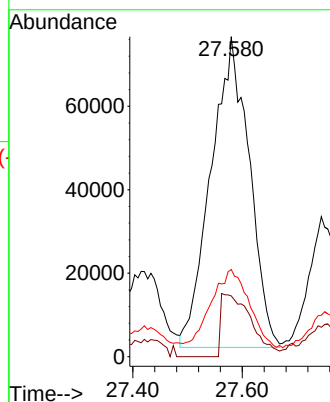
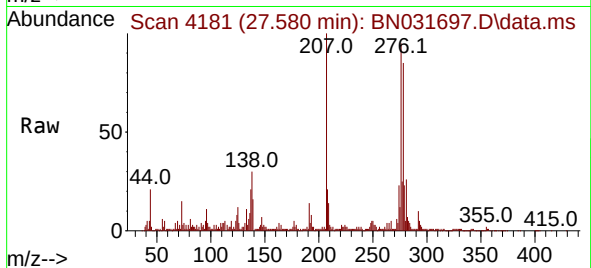
Tgt Ion:278 Resp: 36227

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.6
279	27.3	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#96

Benzo(g,h,i)perylene

Concen: 10.492 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. -0.000 min

Lab File: BN031697.D

Acq: 29 May 2024 19:19

Tgt Ion:276 Resp: 1213393

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.9	31.3
277	24.8	18.0	27.0

