

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031666.D
 Acq On : 24 May 2024 18:18
 Operator : MA/JU
 Sample : P2548-02DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:34:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	495099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1943006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	954642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1518680	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1316633	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1596605	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13812	1.106	ng/uL	0.00
4) Pyridine-d5	3.611	84	100100	2.872	ng/u1	0.00
7) Phenol-d5	6.852	99	229907	5.641	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	149516	6.117	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	189723	6.041	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	145886	4.624	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	86000	5.848	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	76304	5.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	149783	5.455	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	110823	2.800	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	395164	6.568	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	477859	6.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	29284	2.573	ng/u1	0.00
60) Fluorene-d10	15.322	176	325161	6.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	15551	2.368	ng/u1	0.00
73) Anthracene-d10	17.169	188	419703	6.528	ng/u1	0.00
81) Pyrene-d10	19.463	212	465436	5.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	500398	6.658	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	274365	2.744	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	75060	1.147	ng/u1	96
52) Acenaphthene	14.387	153	238973	4.237	ng/u1	92
56) Dibenzofuran	14.728	168	221074	2.936	ng/u1	99
61) Fluorene	15.375	166	231004	3.917	ng/u1	99
72) Phenanthrene	17.116	178	3704695	48.067	ng/u1	99
74) Anthracene	17.204	178	735309	9.509	ng/u1	97
77) Carbazole	17.475	167	490726	7.437	ng/u1	99
80) Fluoranthene	19.134	202	4800964	47.031	ng/u1	99
82) Pyrene	19.498	202	4046708	38.655	ng/u1	100
83) Butylbenzylphthalate	20.404	149	66684	1.877	ng/u1	100
85) Benzo(a)anthracene	21.286	228	2287628	25.838	ng/u1	99
87) Chrysene	21.345	228	2259434	27.627	ng/u1	96
90) Benzo(b)fluoranthene	23.310	252	3187334	34.209	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	947228m	9.973	ng/u1	
93) Benzo(a)pyrene	24.104	252	2118980	23.676	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	1428778	13.302	ng/u1	97
95) Dibenzo(a,h)anthracene	27.592	278	375195	4.242	ng/u1	97
96) Benzo(g,h,i)perylene	28.568	276	1326546m	14.948	ng/u1	

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

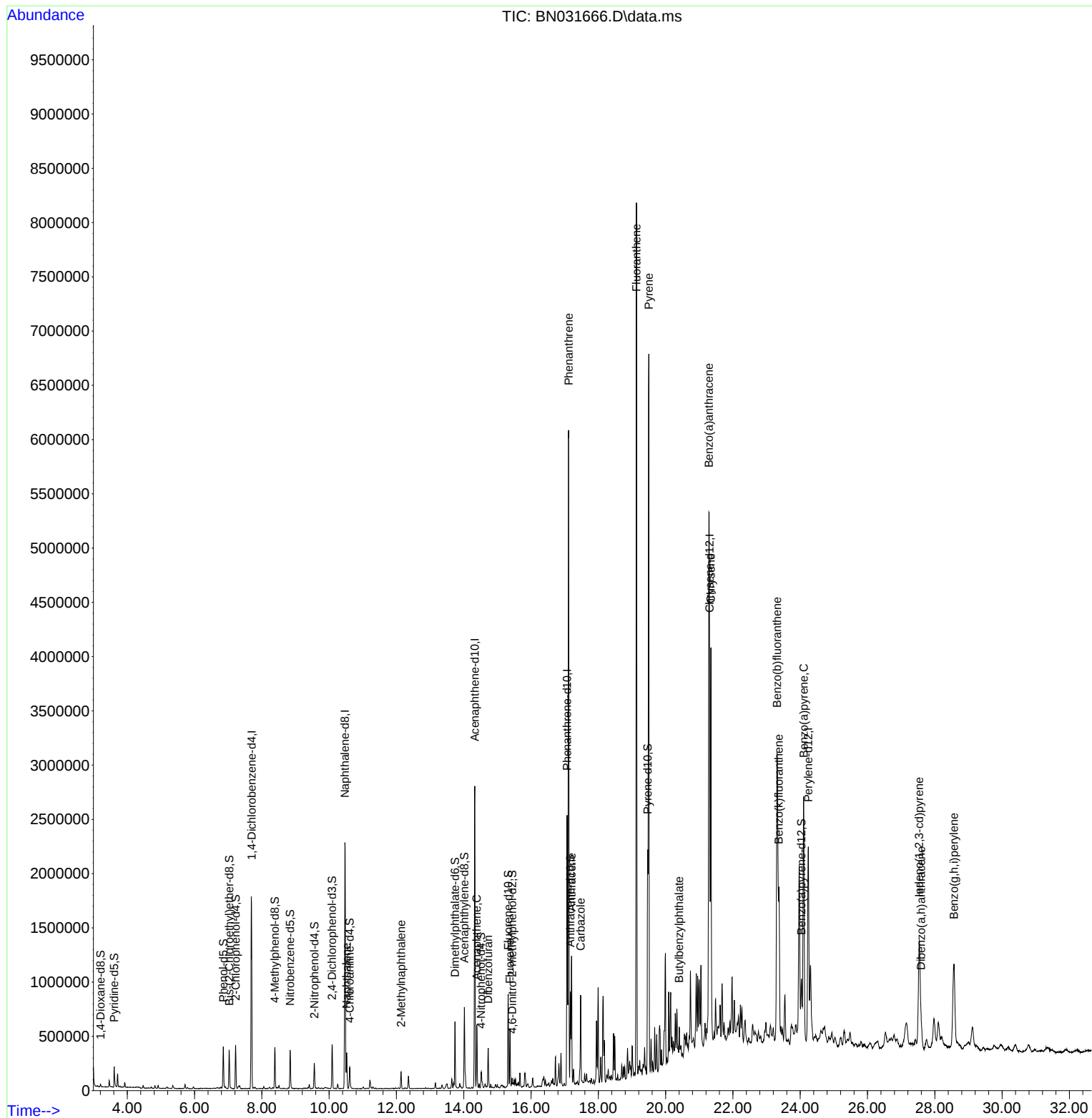
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031666.D
Acq On : 24 May 2024 18:18
Operator : MA/JU
Sample : P2548-02DL 2X
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ALS Vial : 17 Sample Multiplier: 1

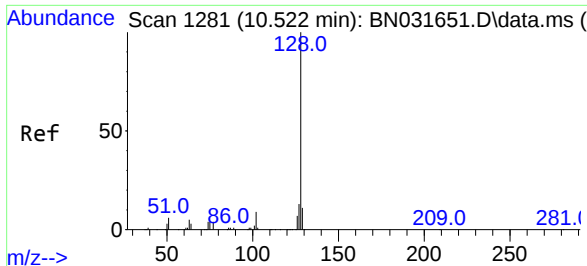
Instrument :
BNA_N
ClientSampleId :
BH5X9DL

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Supervised By :mohammad ahmed 05/27/2024

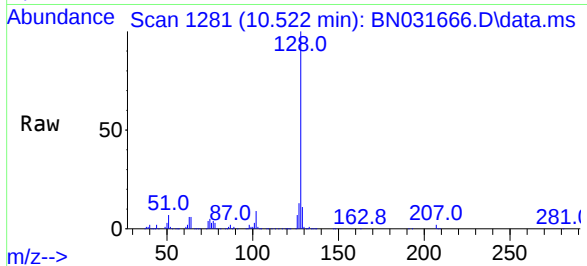
Quant Time: May 24 23:34:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.744 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

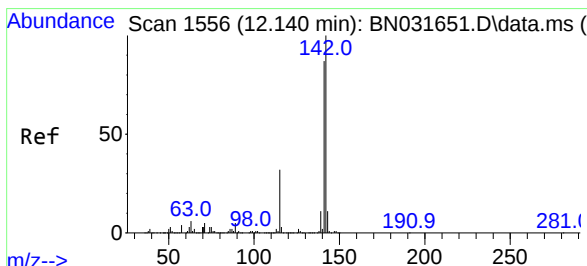
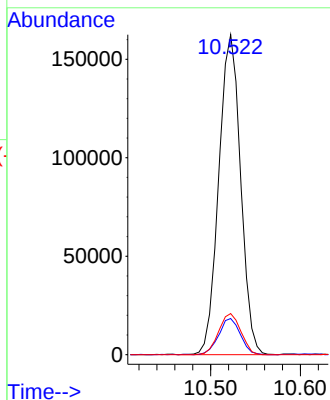
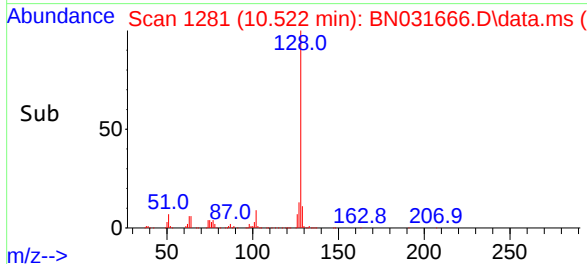
Instrument :
BNA_N
ClientSampleId :
BH5X9DL



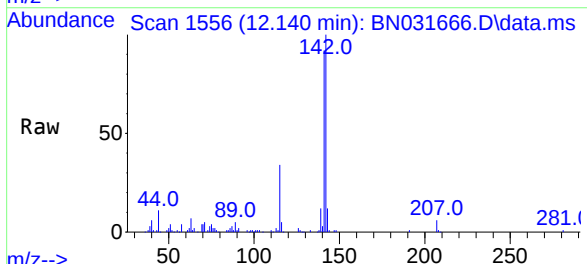
Tgt Ion:128 Resp: 27436
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.8 10.2 15.2

Manual Integrations
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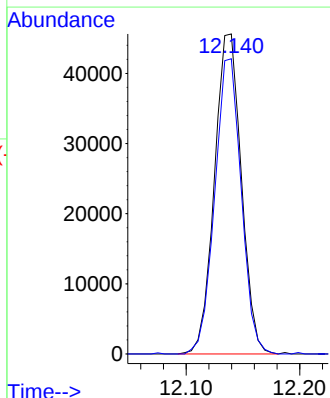
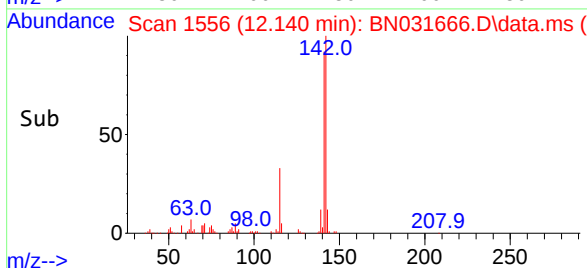
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

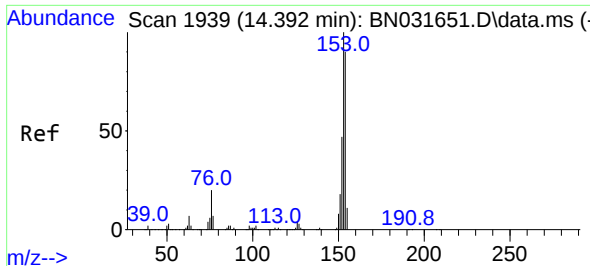


#36
2-Methylnaphthalene
Concen: 1.147 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



Tgt Ion:142 Resp: 75060
Ion Ratio Lower Upper
142 100
141 92.3 70.5 105.7





#52
Acenaphthene
Concen: 4.237 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

Instrument :

BNA_N

ClientSampleId :

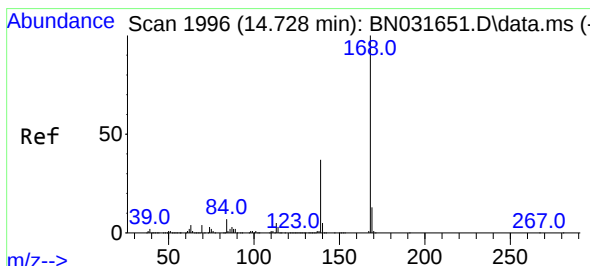
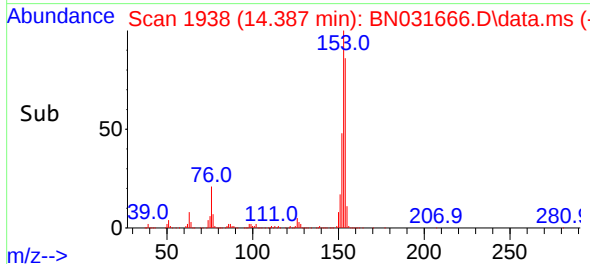
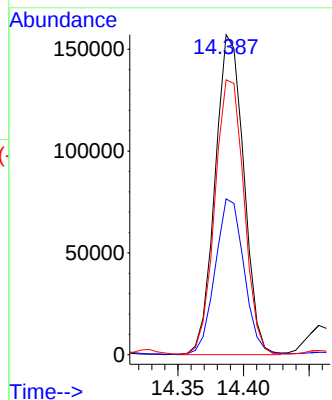
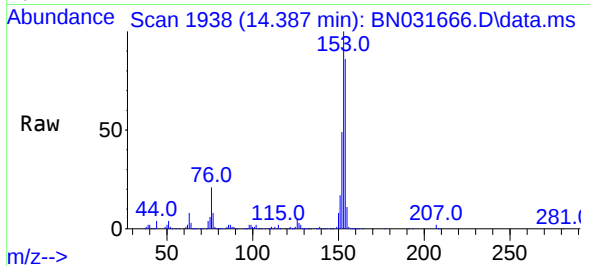
BH5X9DL

Tgt Ion:153 Resp: 23897
Ion Ratio Lower Upper
153 100
152 48.7 40.5 60.7
154 85.9 76.6 114.8

Manual Integrations

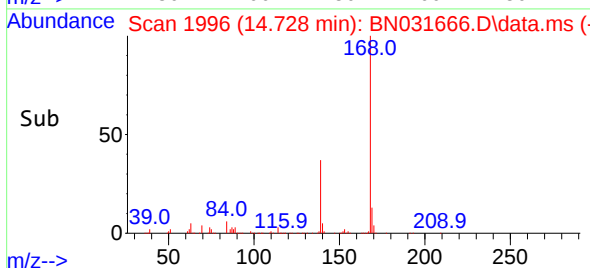
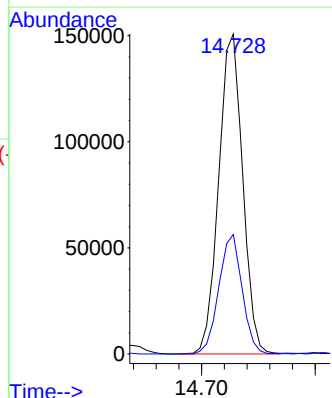
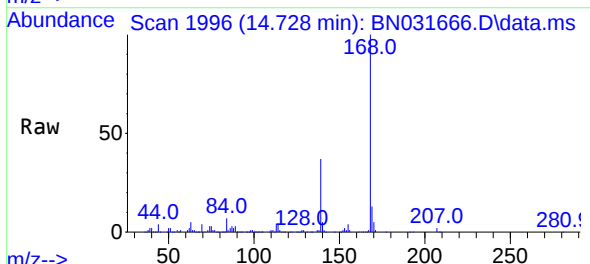
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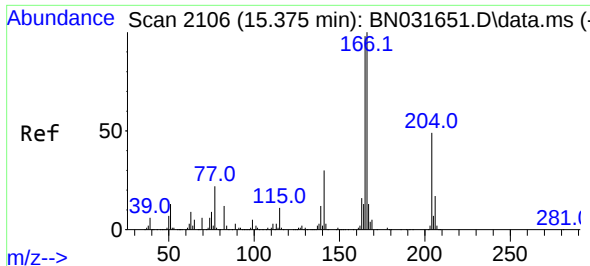
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#56
Dibenzofuran
Concen: 2.936 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

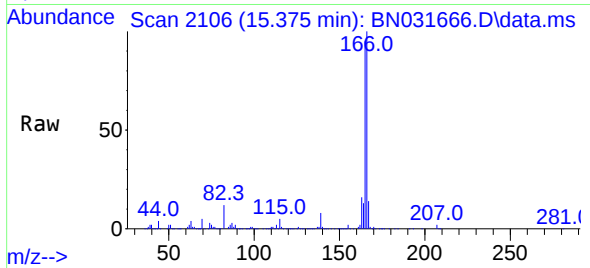
Tgt Ion:168 Resp: 221074
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8





#61
Fluorene
Concen: 3.917 ng/u1
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

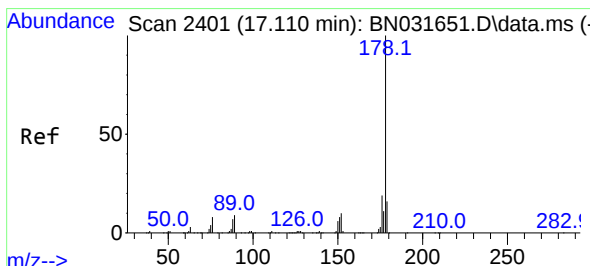
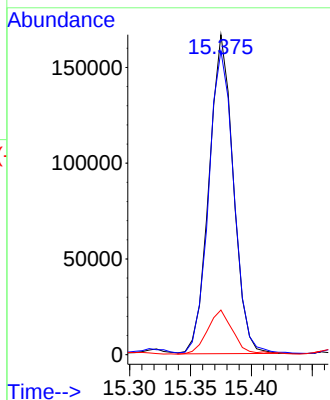
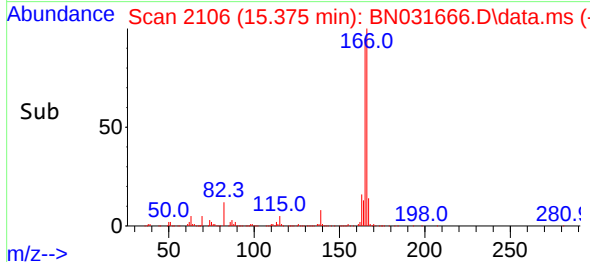
Instrument :
BNA_N
ClientSampleId :
BH5X9DL



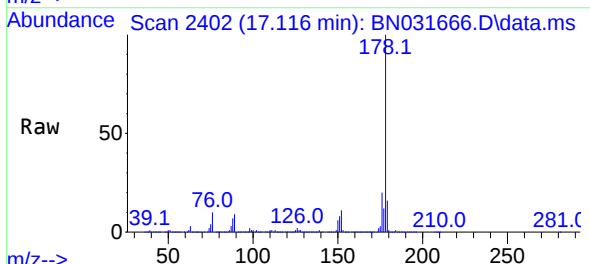
Tgt Ion:166 Resp: 231004
Ion Ratio Lower Upper
166 100
165 95.0 77.0 115.6
167 14.0 10.9 16.3

Manual Integrations
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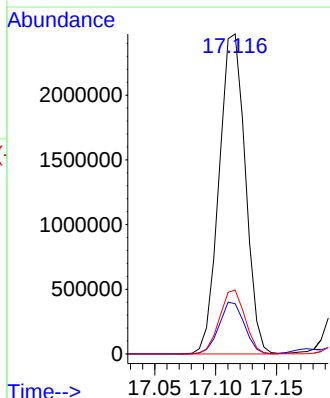
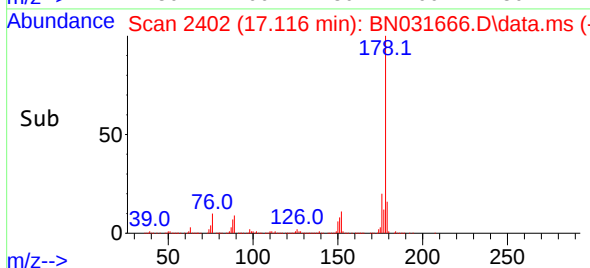
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

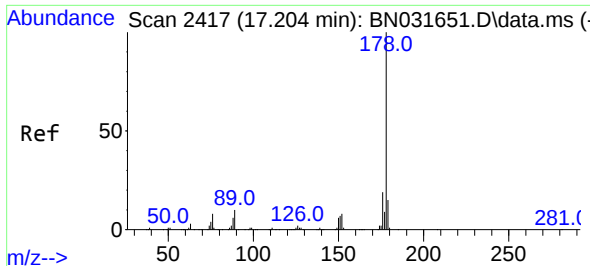


#72
Phenanthrene
Concen: 48.067 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



Tgt Ion:178 Resp: 3704695
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.0 15.2 22.8





#74
 Anthracene
 Concen: 9.509 ng/u1
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031666.D
 Acq: 24 May 2024 18:18

Instrument :

BNA_N

ClientSampleId :

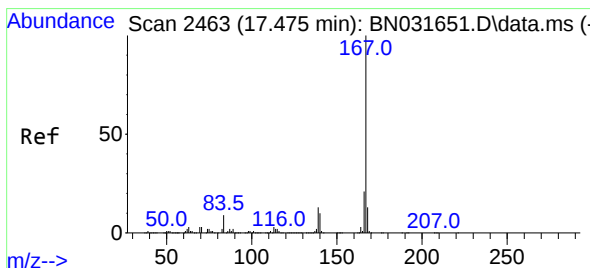
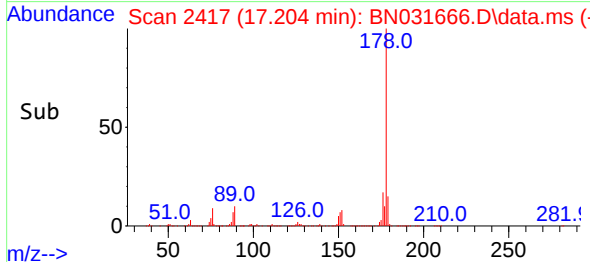
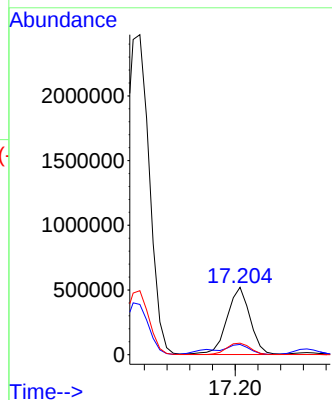
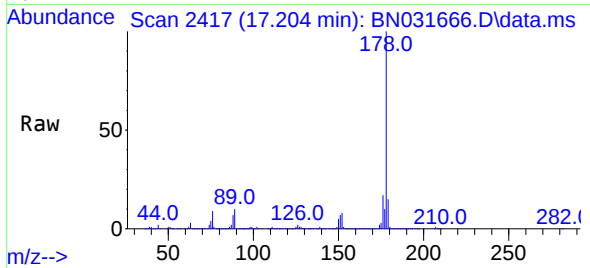
BH5X9DL

Tgt Ion:178 Resp: 735309
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.9 17.9
 176 17.1 15.4 23.2

Manual Integrations

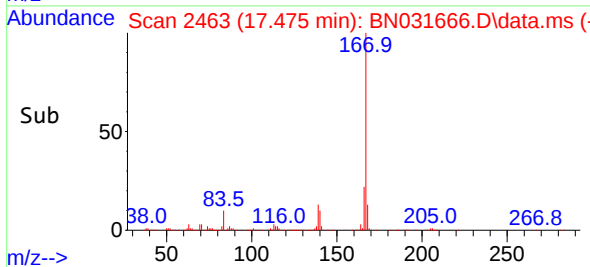
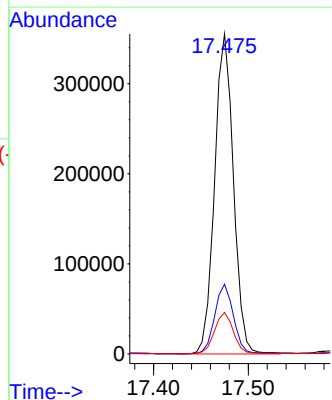
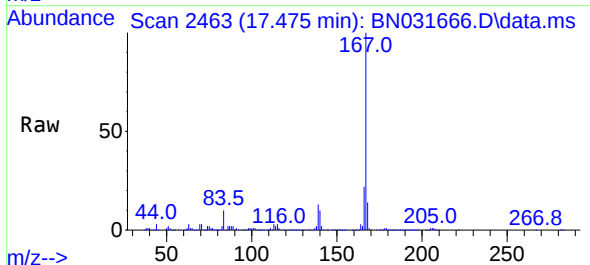
APPROVED

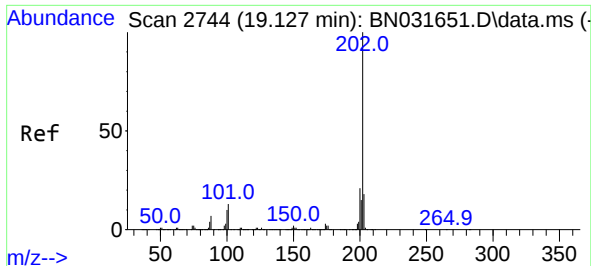
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



#77
 Carbazole
 Concen: 7.437 ng/u1
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031666.D
 Acq: 24 May 2024 18:18

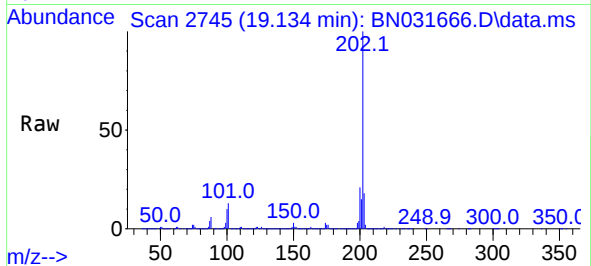
Tgt Ion:167 Resp: 490726
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.7 25.1
 139 13.0 10.5 15.7





#80
Fluoranthene
Concen: 47.031 ng/u1
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

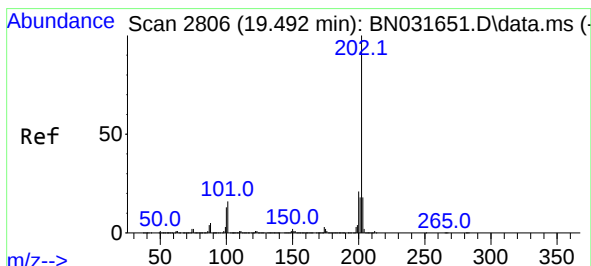
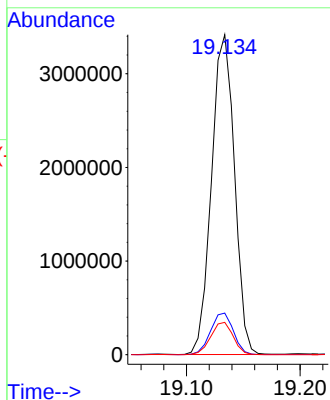
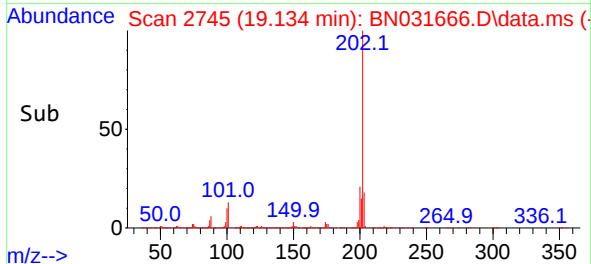
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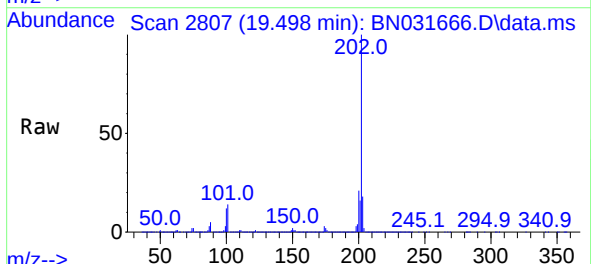
Tgt Ion:202 Resp: 4800964
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 10.1 8.0 12.0

Manual Integrations
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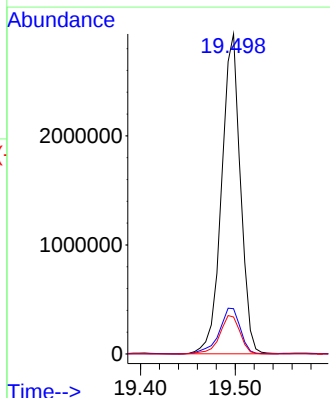
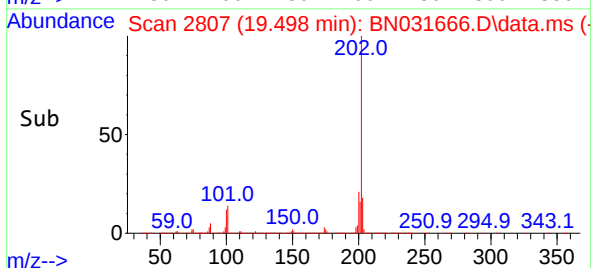
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

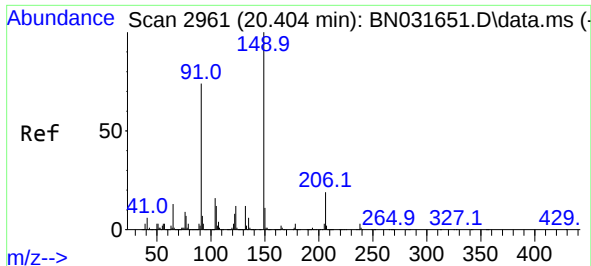


#82
Pyrene
Concen: 38.655 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



Tgt Ion:202 Resp: 4046708
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.6 9.3 13.9





#83
Butylbenzylphthalate
Concen: 1.877 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

Instrument :

BNA_N

ClientSampleId :

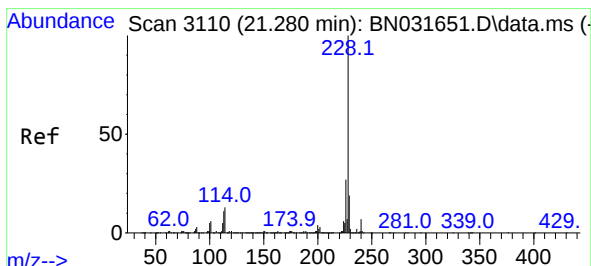
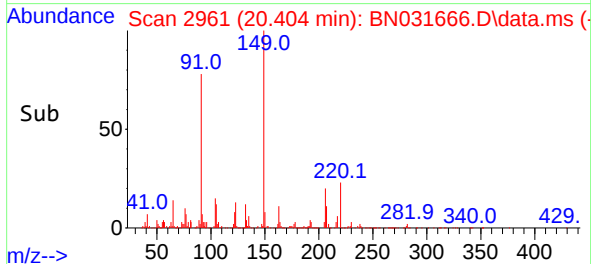
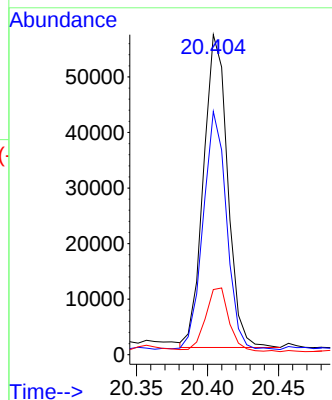
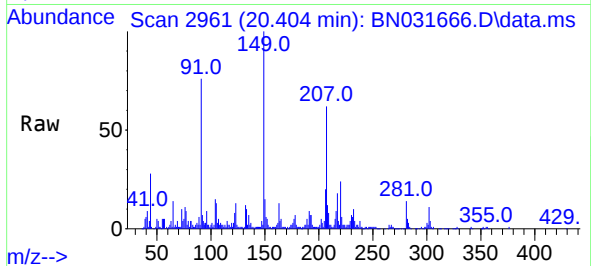
BH5X9DL

Tgt Ion:149 Resp: 66684
Ion Ratio Lower Upper
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91 76.0 60.8 91.2
206 20.3 15.8 23.8

Manual Integrations

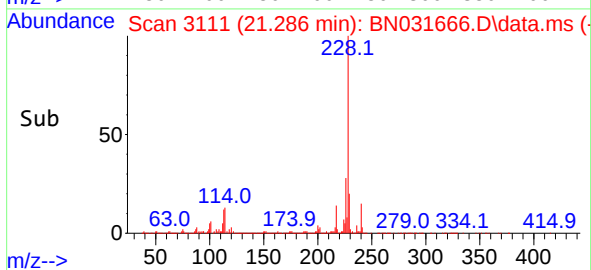
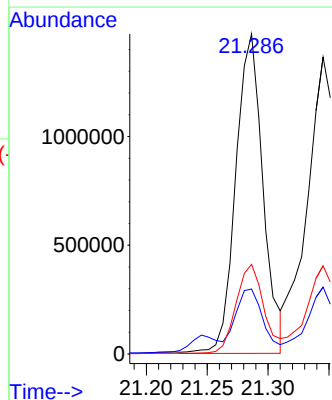
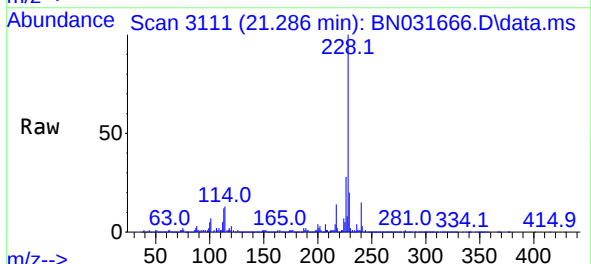
APPROVED

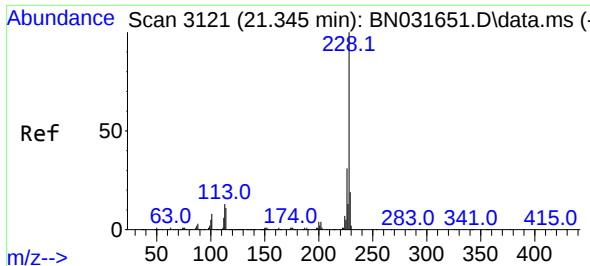
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#85
Benzo(a)anthracene
Concen: 25.838 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

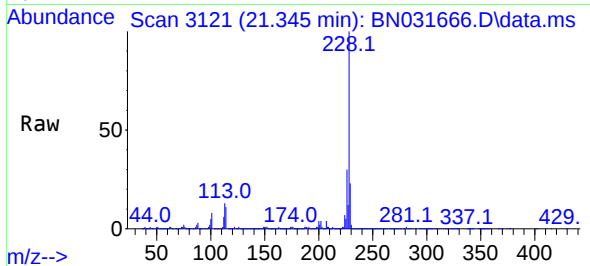
Tgt Ion:228 Resp: 2287628
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 21.9 32.9





#87
Chrysene
Concen: 27.627 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

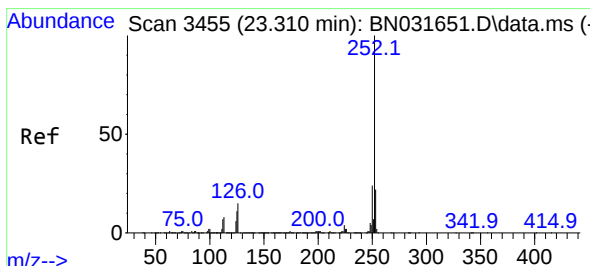
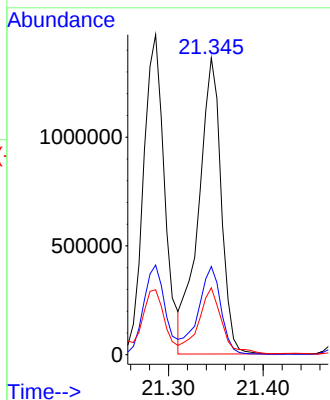
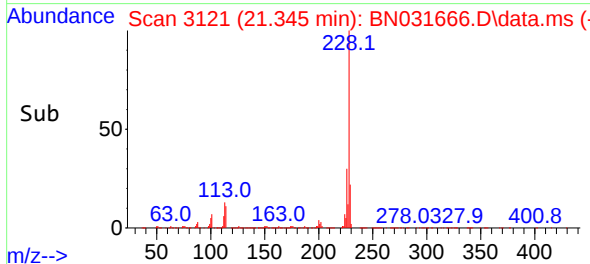
Instrument :
BNA_N
ClientSampleId :
BH5X9DL



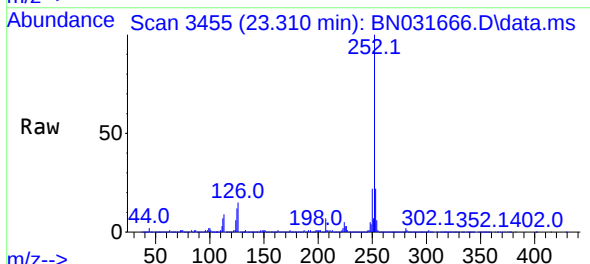
Tgt Ion:228 Resp: 2259434
Ion Ratio Lower Upper
228 100
226 29.7 22.9 34.3
229 22.5 15.2 22.8

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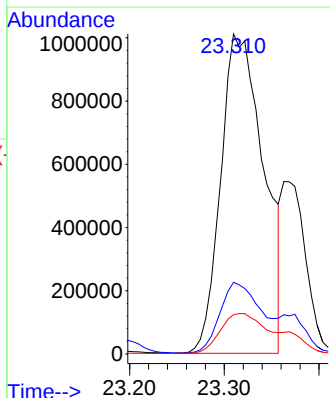
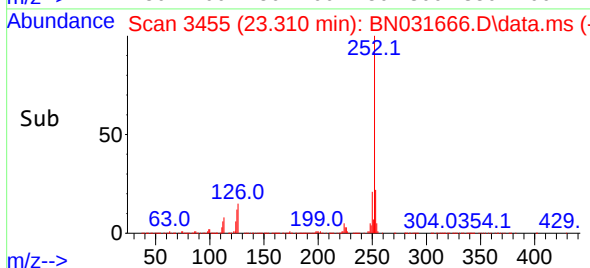
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

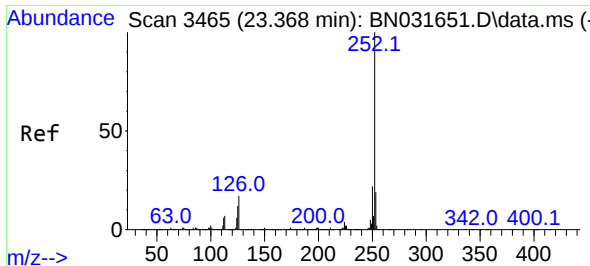


#90
Benzo(b)fluoranthene
Concen: 34.209 ng/u1
RT: 23.310 min Scan# 3455
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



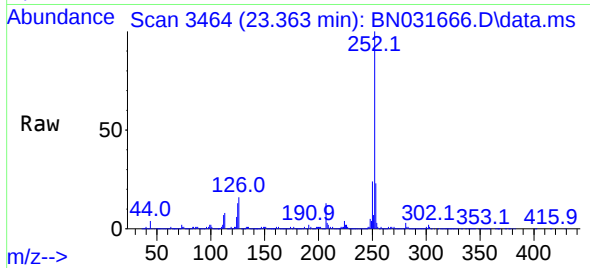
Tgt Ion:252 Resp: 3187334
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 12.3 9.3 13.9





#91
Benzo(k)fluoranthene
Concen: 9.973 ng/ul m
RT: 23.363 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

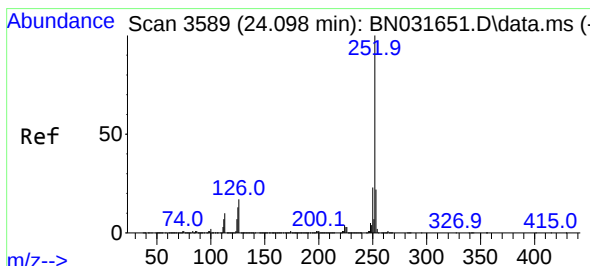
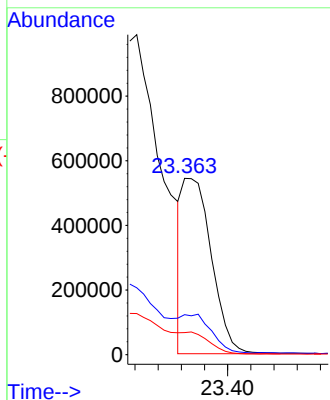
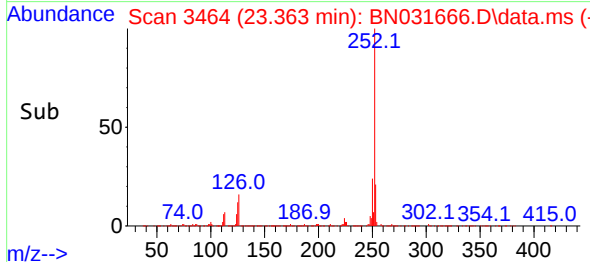
Instrument :
BNA_N
ClientSampleId :
BH5X9DL



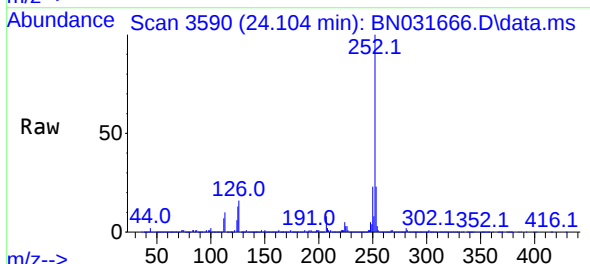
Tgt Ion:252 Resp: 947228
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.6 9.3 13.9

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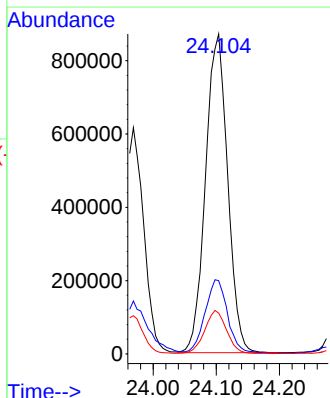
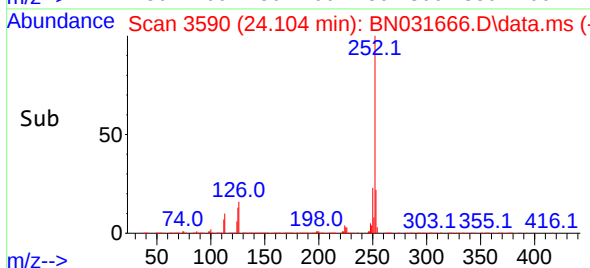
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

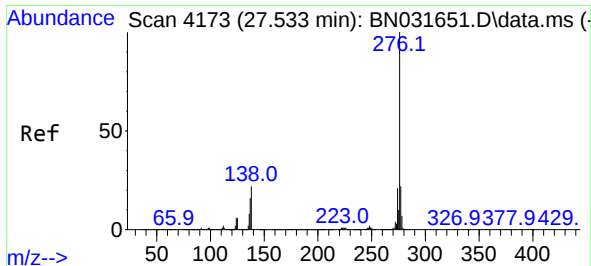


#93
Benzo(a)pyrene
Concen: 23.676 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



Tgt Ion:252 Resp: 2118980
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 12.8 9.8 14.8





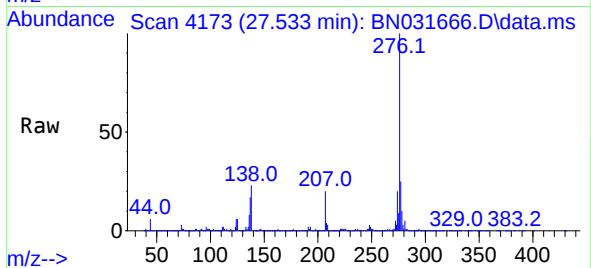
#94
Indeno(1,2,3-cd)pyrene
Concen: 13.302 ng/ul
RT: 27.533 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

Instrument :

BNA_N

ClientSampleId :

BH5X9DL

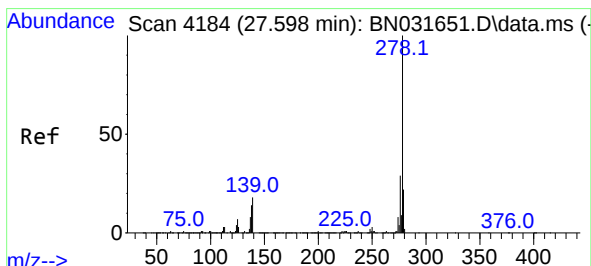
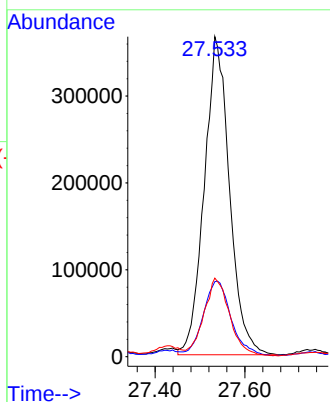
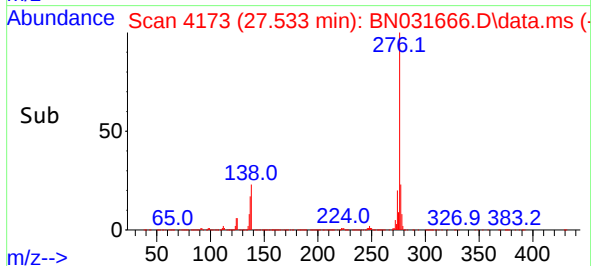


Tgt Ion:276 Resp: 1428778
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.6
277 24.6 18.2 27.4

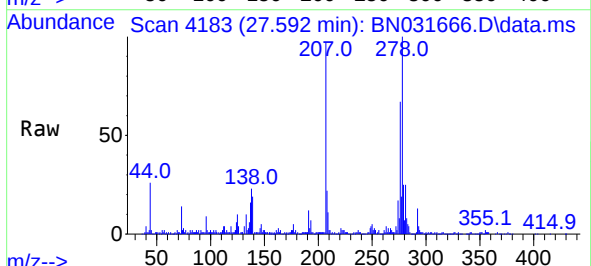
Manual Integrations

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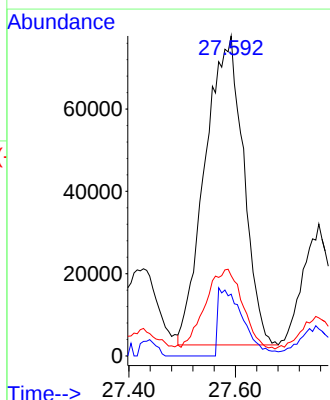
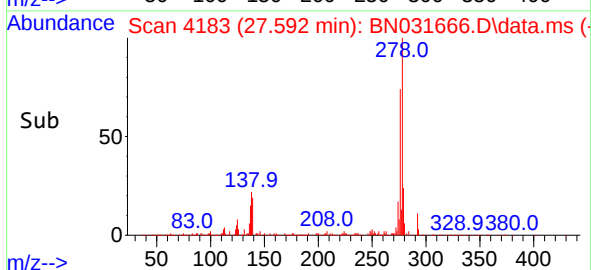
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

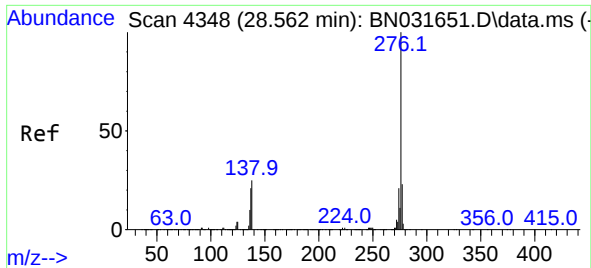


#95
Dibenzo(a,h)anthracene
Concen: 4.242 ng/ul
RT: 27.592 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18



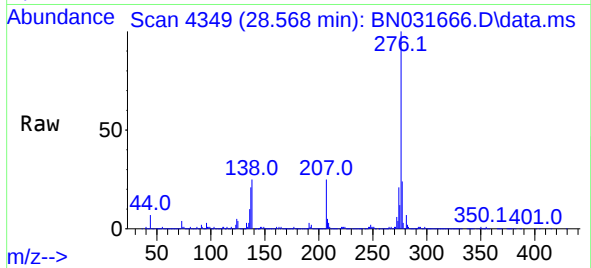
Tgt Ion:278 Resp: 375195
Ion Ratio Lower Upper
278 100
139 19.3 15.2 22.8
279 25.1 18.4 27.6





#96
Benzo(g,h,i)perylene
Concen: 14.948 ng/ul m
RT: 28.568 min Scan# 4348
Delta R.T. 0.012 min
Lab File: BN031666.D
Acq: 24 May 2024 18:18

Instrument :
BNA_N
ClientSampleId :
BH5X9DL



Tgt Ion:276 Resp: 1326540
Ion Ratio Lower Upper
276 100
138 25.4 19.5 29.3
277 24.1 17.6 26.4

Manual Integrations
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

