

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139424.D
 Acq On : 18 Sep 2024 13:49
 Operator : RC/JU
 Sample : P4015-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3-TANK17

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 18 14:17:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69988	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263075	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	147573	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	249192	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116239	20.000	ng	0.00
86) Perylene-d12	15.498	264	133787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	404310	94.240	ng	0.00
7) Phenol-d6	6.504	99	537967	95.534	ng	0.00
23) Nitrobenzene-d5	7.439	82	369707	66.067	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	140248	89.268	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	685451	65.145	ng	0.00
79) Terphenyl-d14	12.980	244	496249	70.074	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	43753	3.639	ng	98
75) Fluoranthene	12.604	202	66137	5.151	ng	99
78) Pyrene	12.833	202	48784	4.888	ng	98
81) Benzo(a)anthracene	14.021	228	27226	3.536	ng	99
83) Chrysene	14.051	228	18046m	2.548	ng	
88) Benzo(b)fluoranthene	15.068	252	27406m	3.321	ng	
90) Benzo(a)pyrene	15.433	252	19062	2.786	ng	95

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

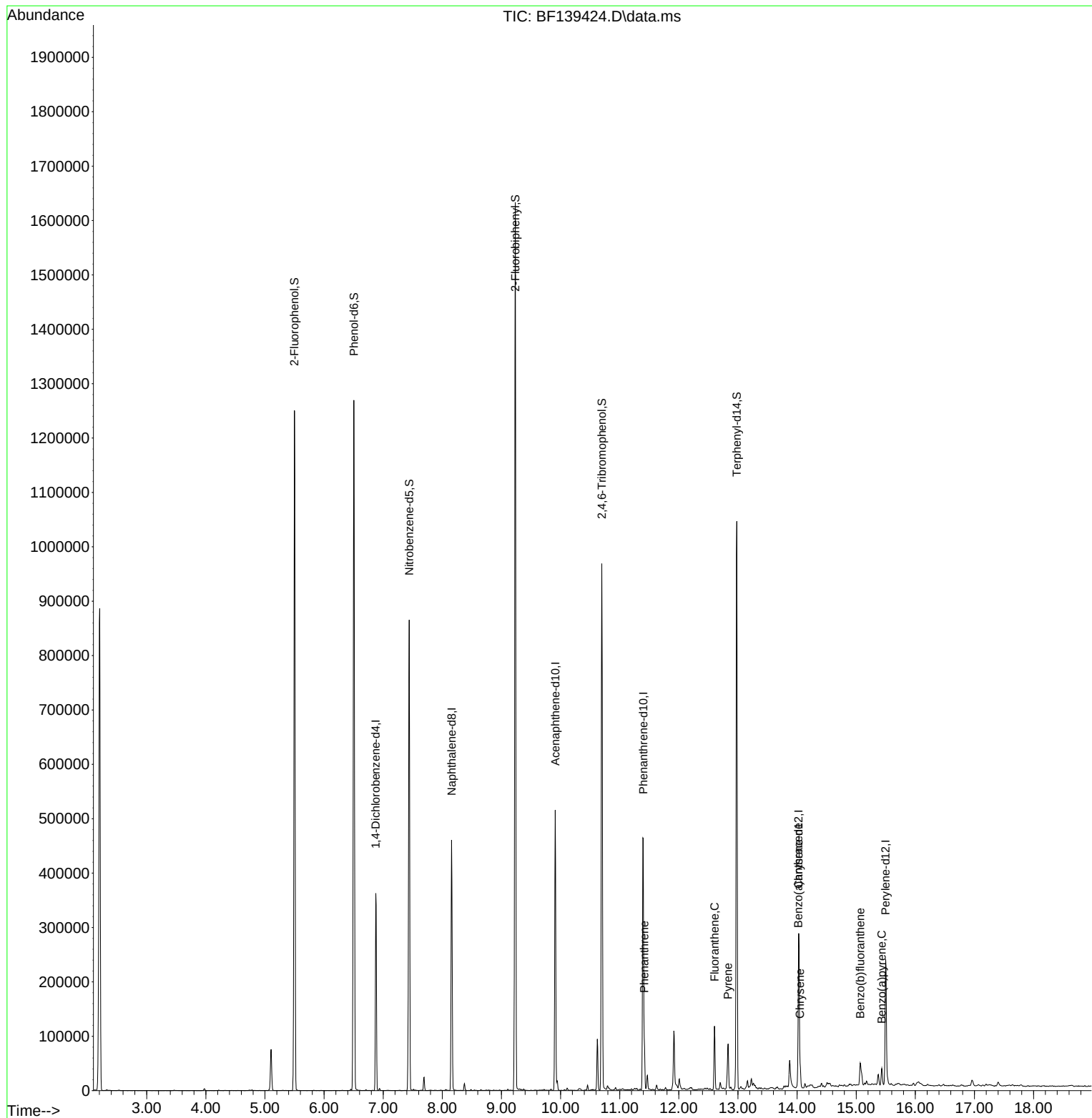
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139424.D
Acq On : 18 Sep 2024 13:49
Operator : RC/JU
Sample : P4015-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

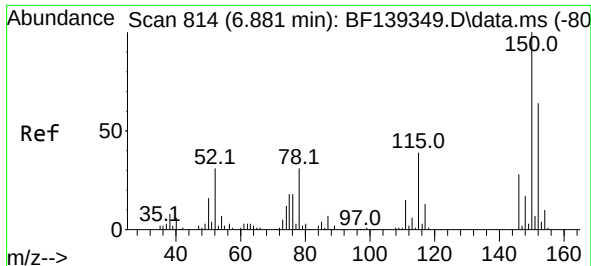
Instrument :
BNA_F
ClientSampleId :
SW-3-TANK17

Quant Time: Sep 18 14:17:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

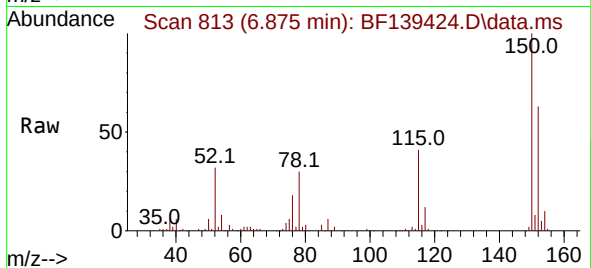
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

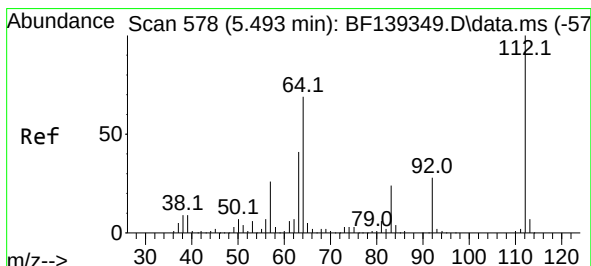
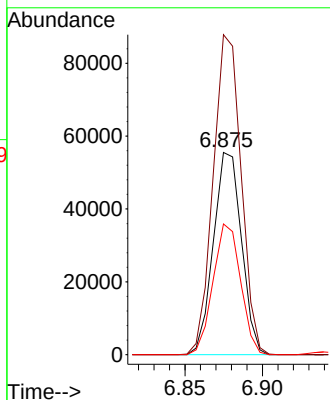
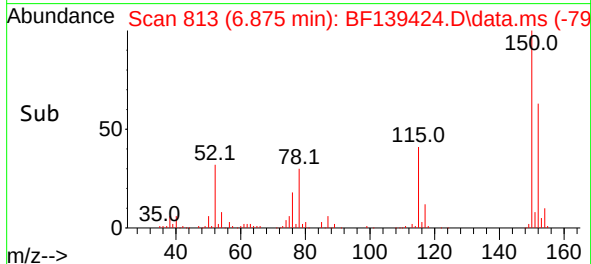
Instrument :
BNA_F
ClientSampleId :
SW-3-TANK17



Tgt Ion:152 Resp: 6998
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 64.6 48.1 72.1

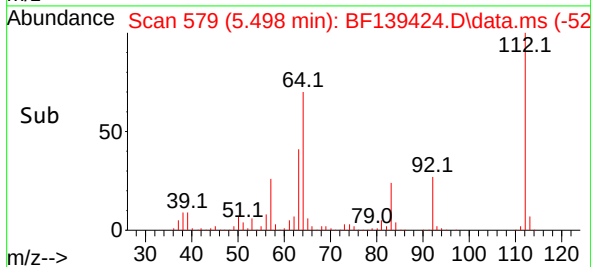
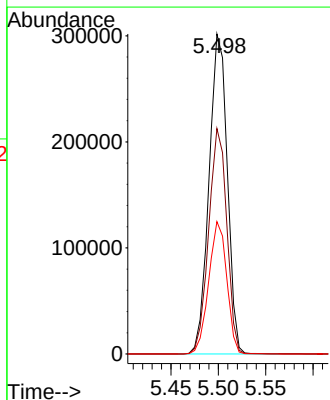
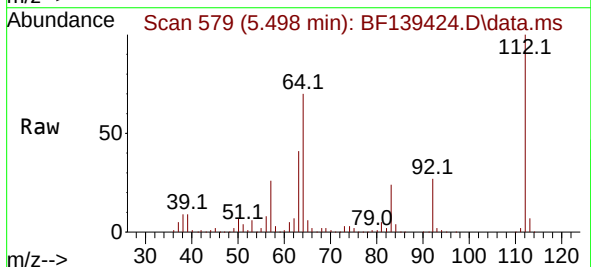
Manual Integrations
APPROVED

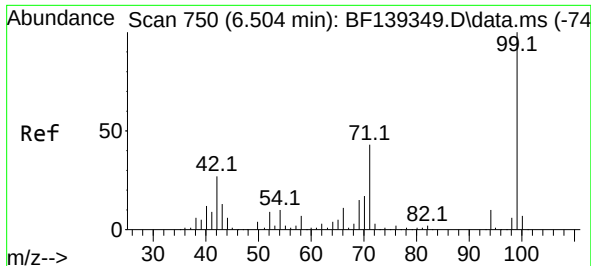
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#5
2-Fluorophenol
Concen: 94.240 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Tgt Ion:112 Resp: 404310
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 41.4 33.0 49.4





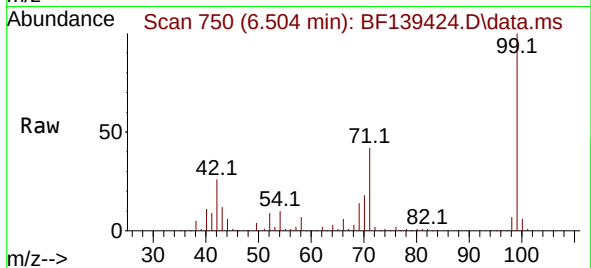
#7
Phenol-d6
Concen: 95.534 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

SW-3-TANK17

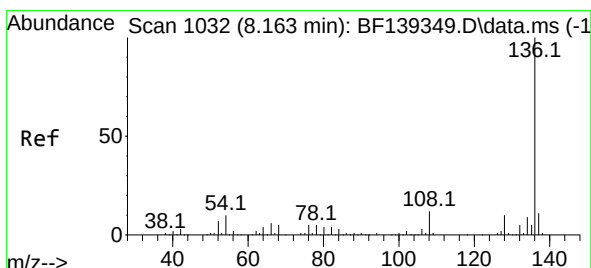
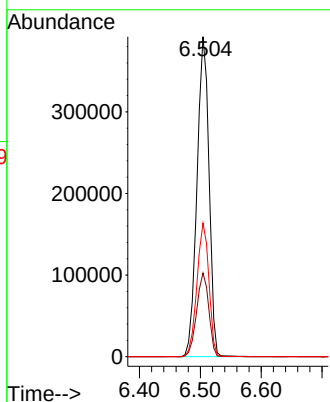
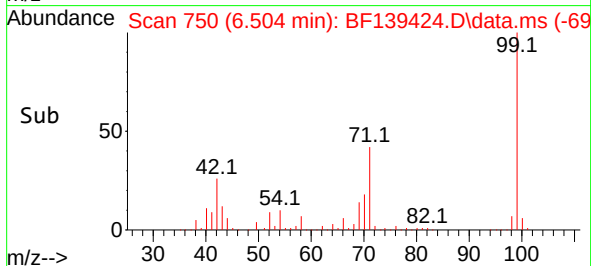


Tgt Ion: 99 Resp: 53796
Ion Ratio Lower Upper
99 100
42 26.2 21.9 32.9
71 41.7 34.6 52.0

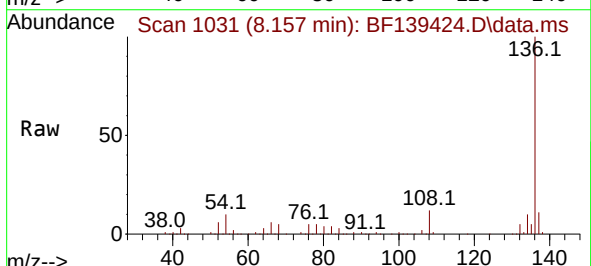
Manual Integrations

APPROVED

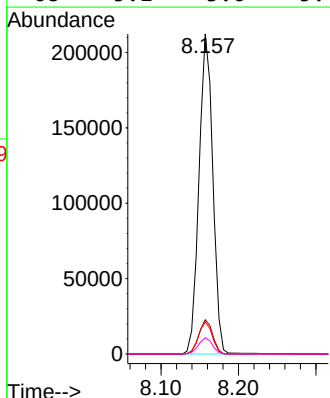
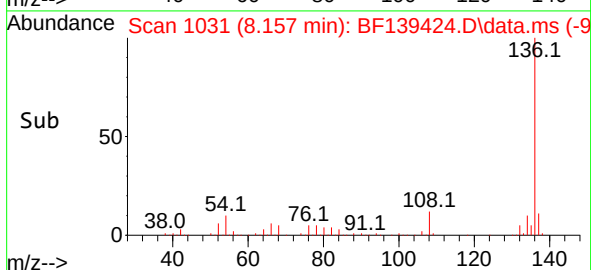
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

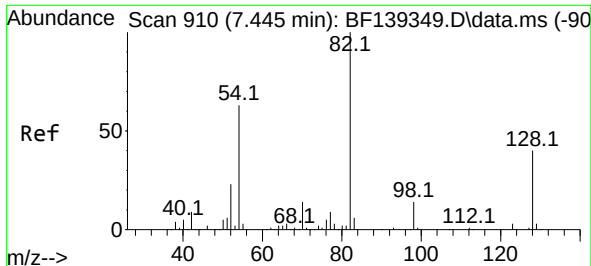


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49



Tgt Ion:136 Resp: 263075
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 7.8 11.8
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 66.067 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139424.D

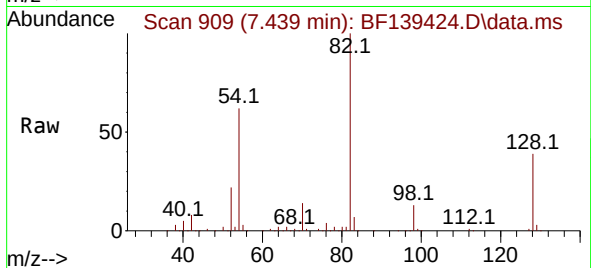
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

SW-3-TANK17



Tgt Ion: 82 Resp: 36970

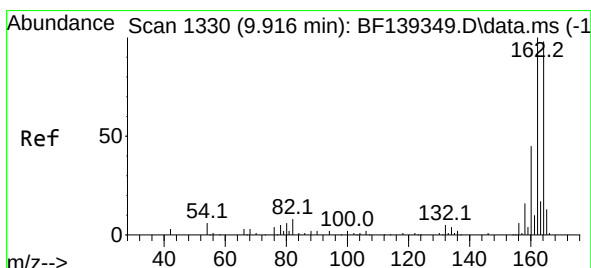
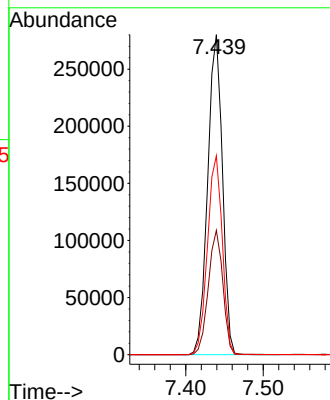
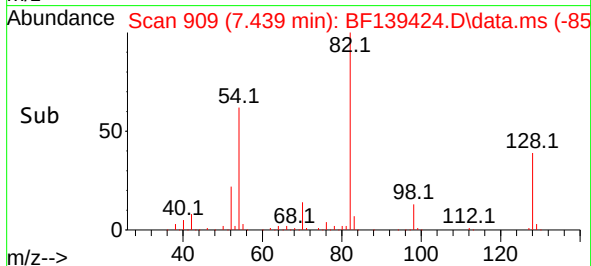
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.8	47.6
54	62.2	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

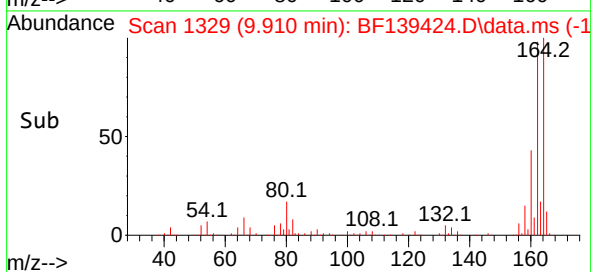
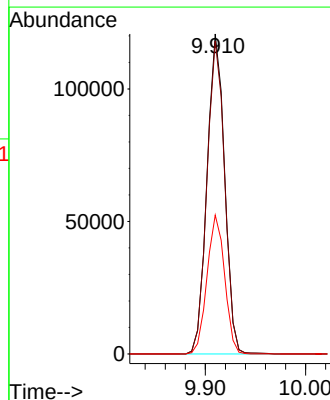
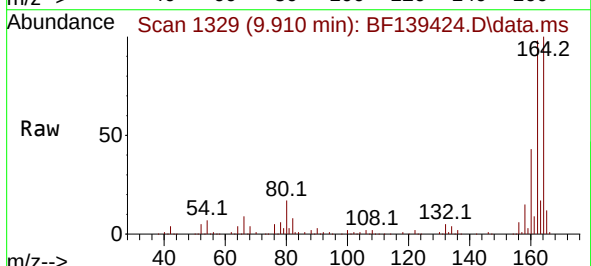
Delta R.T. -0.006 min

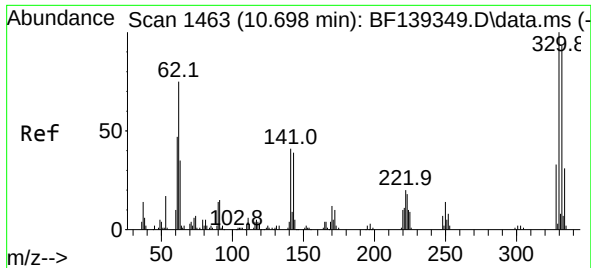
Lab File: BF139424.D

Acq: 18 Sep 2024 13:49

Tgt Ion:164 Resp: 147573

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.3	121.9
160	43.4	36.4	54.6





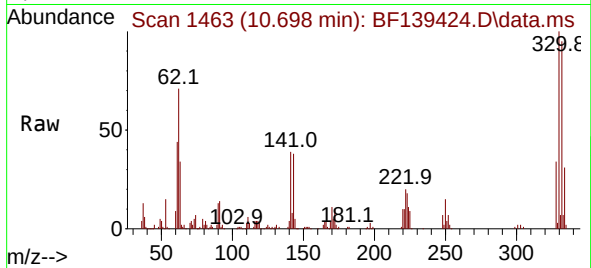
#42
2,4,6-Tribromophenol
Concen: 89.268 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

SW-3-TANK17



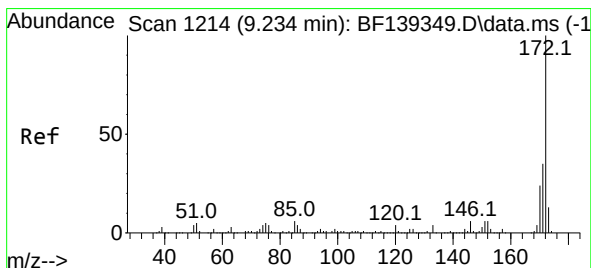
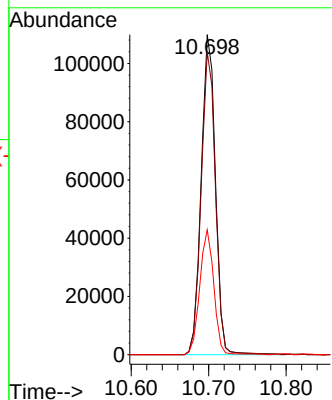
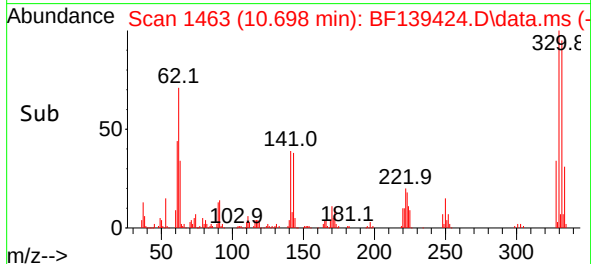
Tgt Ion:330 Resp: 140248
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 38.6 31.2 46.8

Manual Integrations

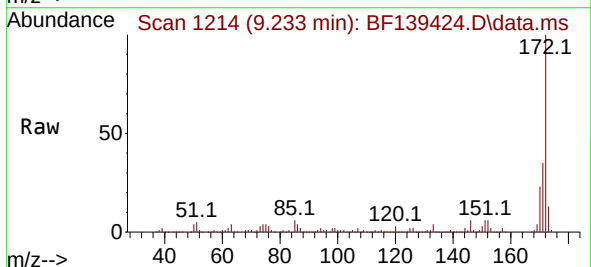
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

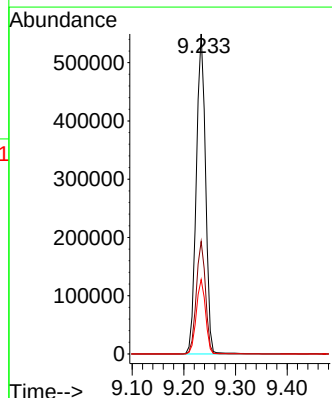
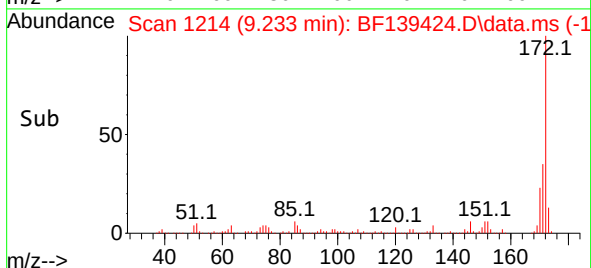
Supervised By :mohammad ahmed 09/20/2024

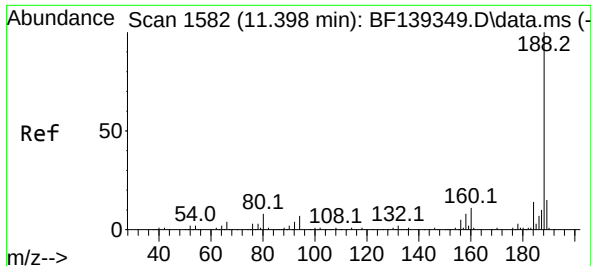


#45
2-Fluorobiphenyl
Concen: 65.145 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49



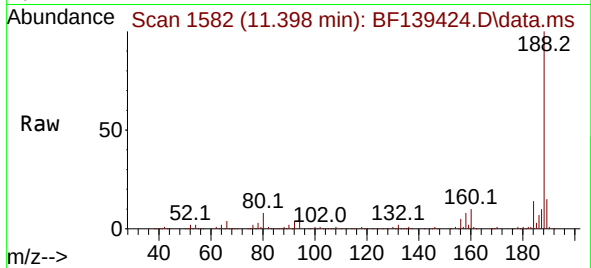
Tgt Ion:172 Resp: 685451
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

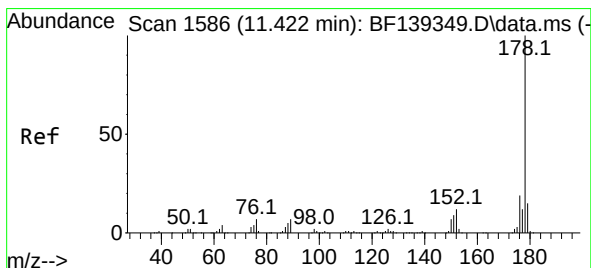
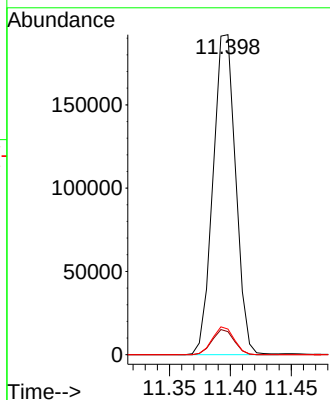
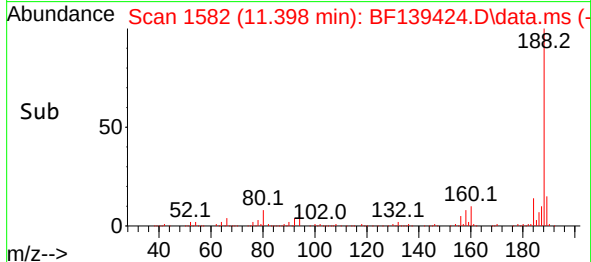
Instrument :
BNA_F
ClientSampleId :
SW-3-TANK17



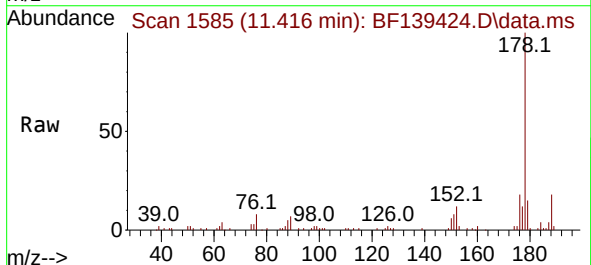
Tgt Ion:188 Resp: 249192
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.0 6.6 9.8

Manual Integrations
APPROVED

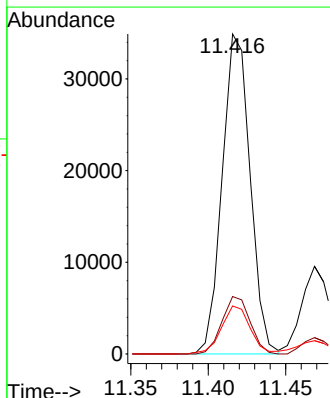
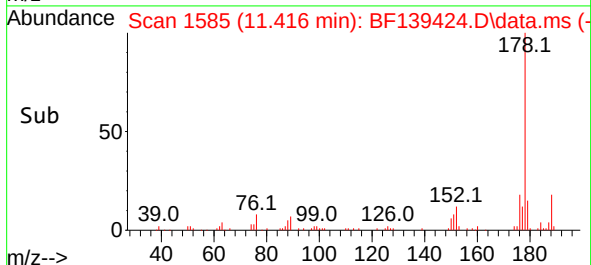
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

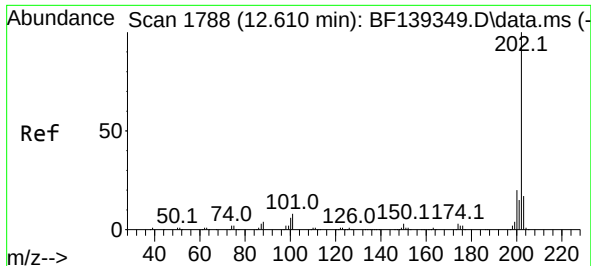


#71
Phenanthrene
Concen: 3.639 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49



Tgt Ion:178 Resp: 43753
Ion Ratio Lower Upper
178 100
176 17.9 15.2 22.8
179 15.0 12.2 18.4





#75
Fluoranthene
Concen: 5.151 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

SW-3-TANK17

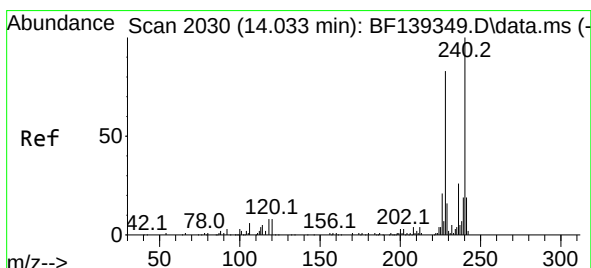
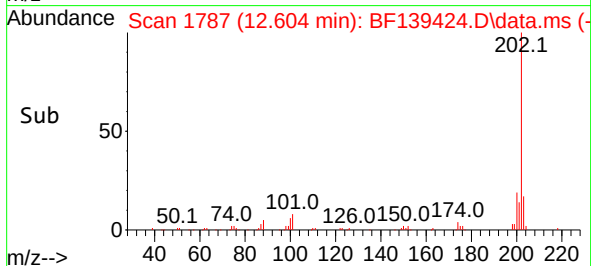
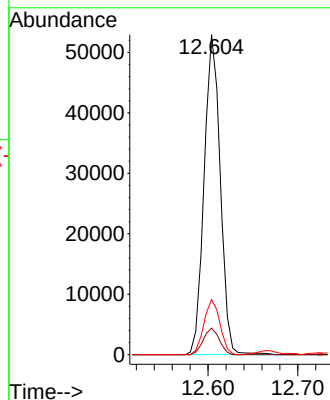
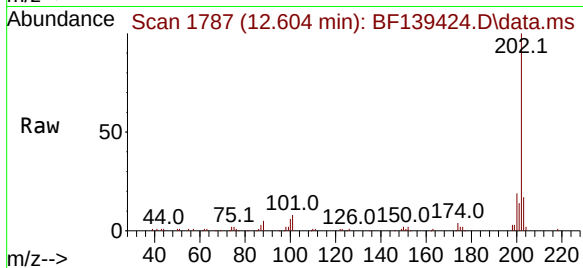
Tgt Ion:202 Resp: 6613
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.3 0.0 37.4

Manual Integrations

APPROVED

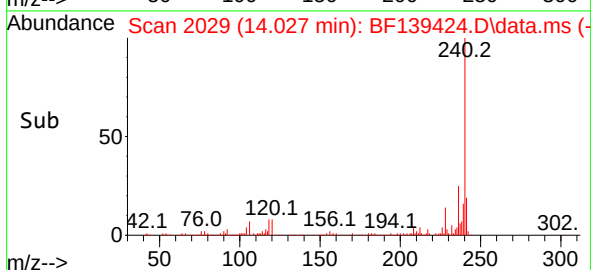
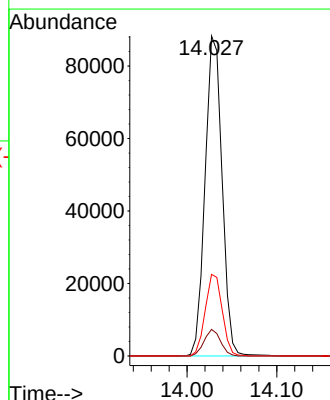
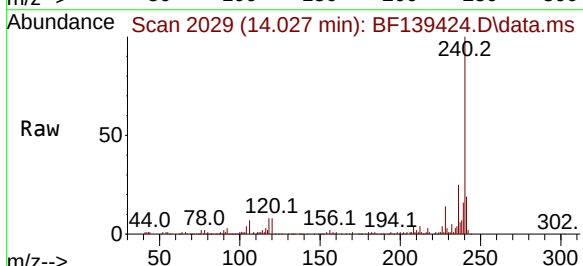
Reviewed By :Yogesh Patel 09/19/2024

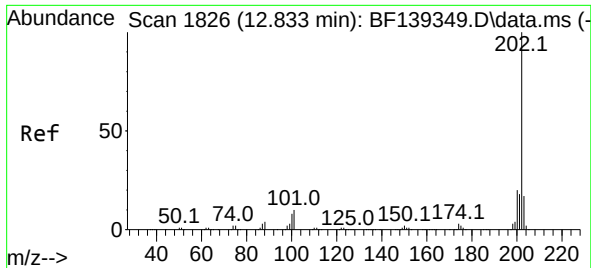
Supervised By :mohammad ahmed 09/20/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

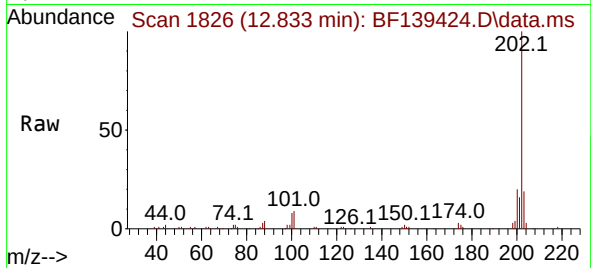
Tgt Ion:240 Resp: 116239
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.5 20.9 31.3





#78
Pyrene
Concen: 4.888 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

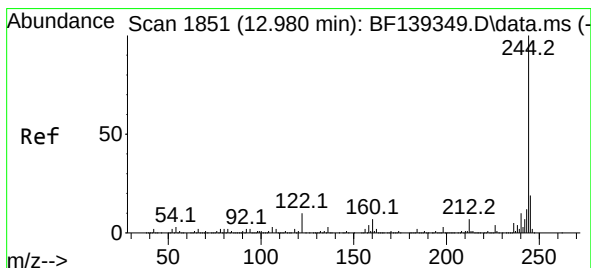
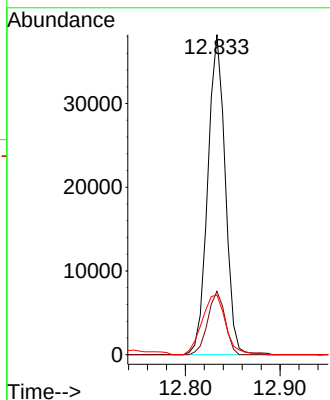
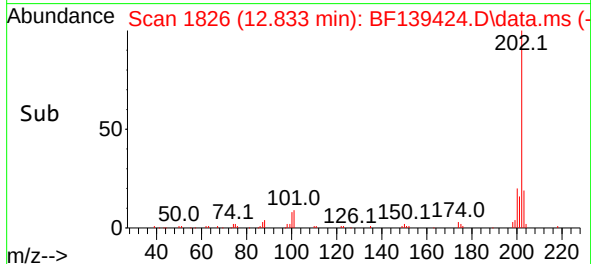
Instrument :
BNA_F
ClientSampleId :
SW-3-TANK17



Tgt Ion:202 Resp: 48784
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 18.7 13.9 20.9

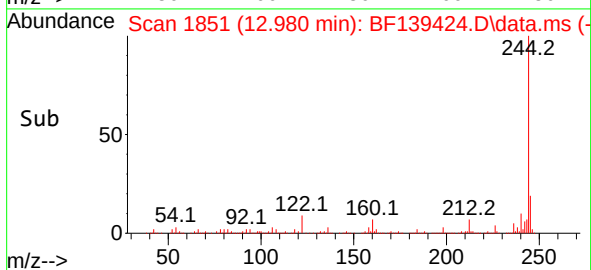
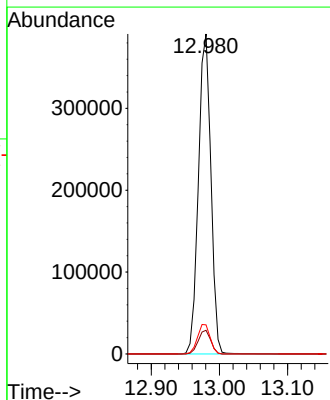
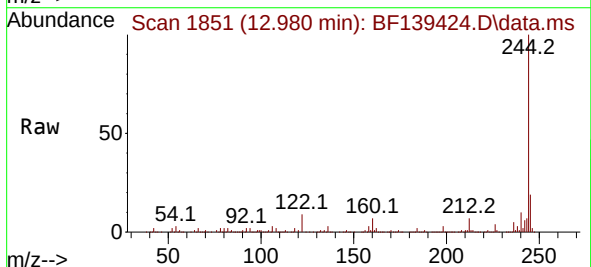
Manual Integrations
APPROVED

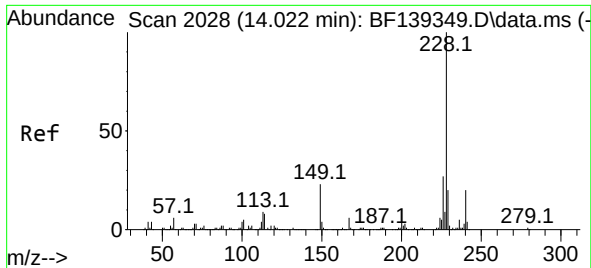
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#79
Terphenyl-d14
Concen: 70.074 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Tgt Ion:244 Resp: 496249
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.1 7.6 11.4





#81
Benzo(a)anthracene
Concen: 3.536 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

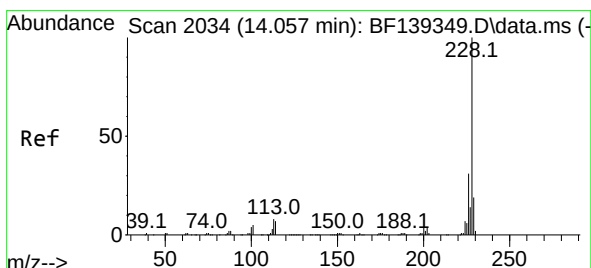
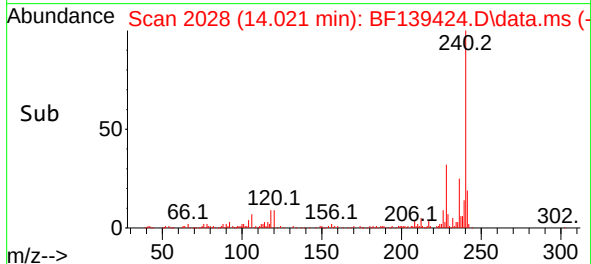
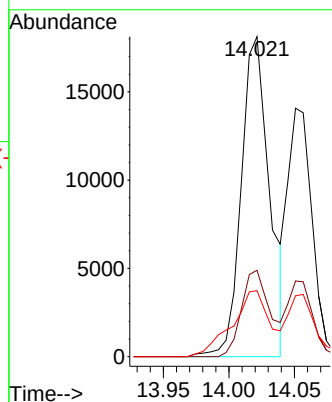
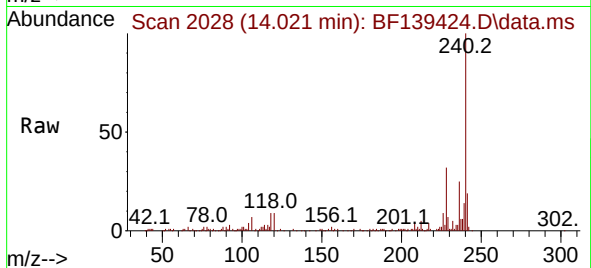
SW-3-TANK17

Tgt Ion:228 Resp: 27220
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.7 15.7 23.5

Manual Integrations

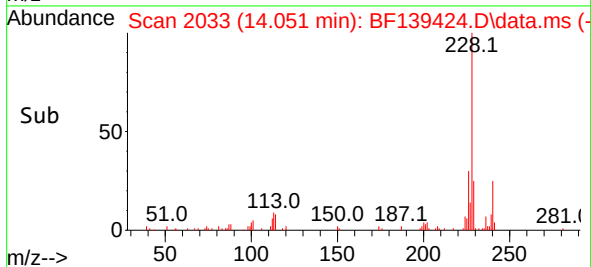
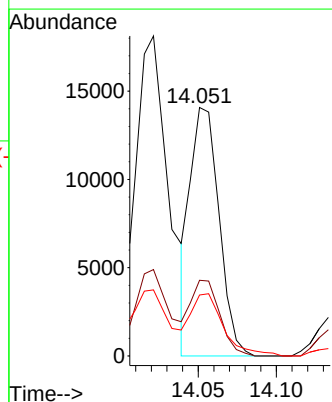
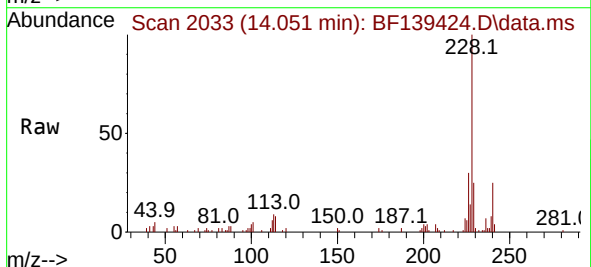
APPROVED

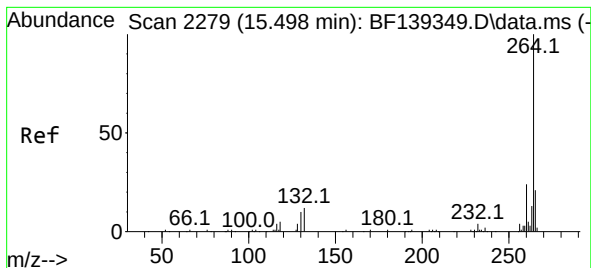
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#83
Chrysene
Concen: 2.548 ng m
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Tgt Ion:228 Resp: 18046
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 24.5 15.4 23.0#





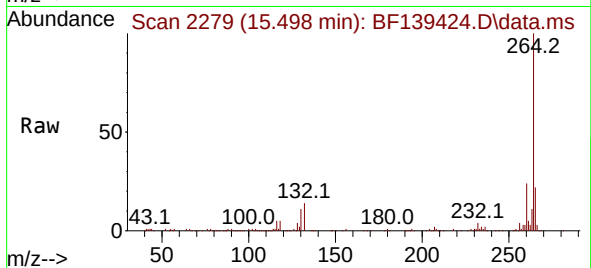
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :

BNA_F

ClientSampleId :

SW-3-TANK17



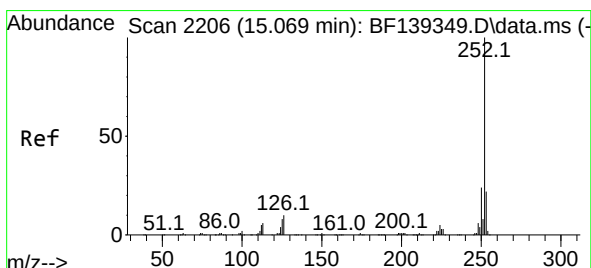
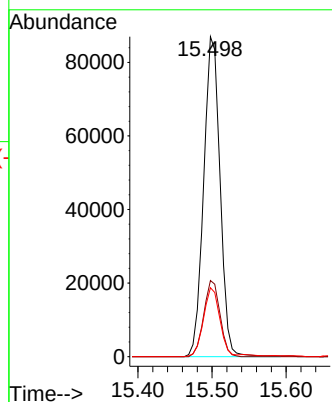
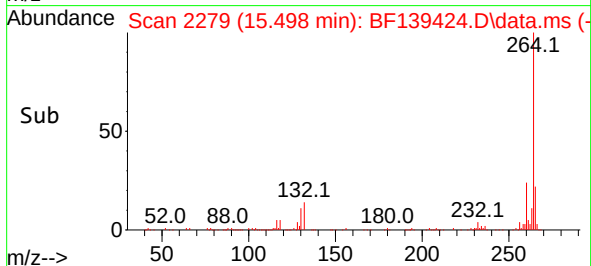
Tgt Ion:264 Resp: 13378
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 16.6 25.0

Manual Integrations

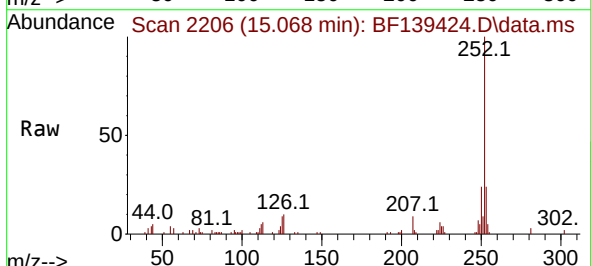
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

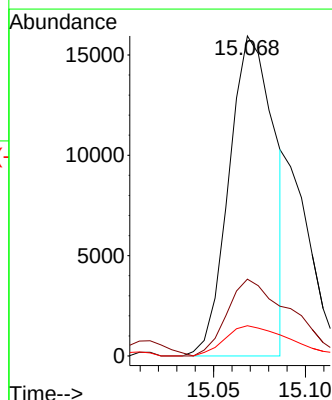
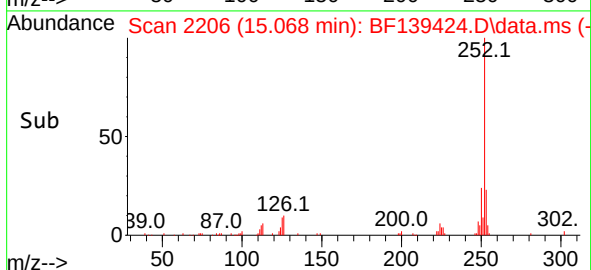
Supervised By :mohammad ahmed 09/20/2024

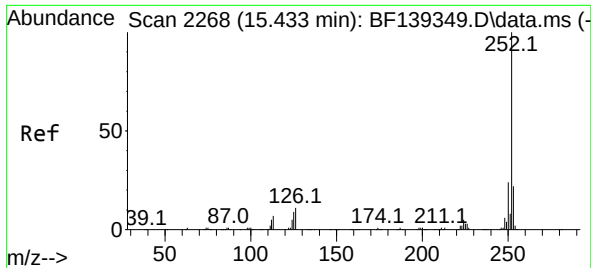


#88
Benzo(b)fluoranthene
Concen: 3.321 ng m
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49



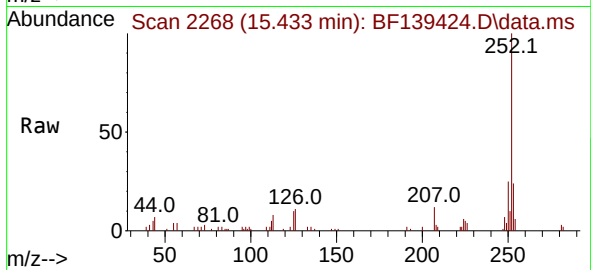
Tgt Ion:252 Resp: 27406
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.5 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 2.786 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139424.D
Acq: 18 Sep 2024 13:49

Instrument :
BNA_F
ClientSampleId :
SW-3-TANK17



Tgt Ion:252 Resp: 19062
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 10.1 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

