

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023545.D
 Acq On : 20 Dec 2024 03:26
 Operator : RC/JU
 Sample : P5265-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2902

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:55:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	316561	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.257	136	1234722	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	888349	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1956935	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.386	240	1982243	20.000	ng/u1	# 0.00
88) Perylene-d12	24.551	264	2111431	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	23921	2.782	ng/uL	-0.01
4) Pyridine-d5	3.511	84	315017	14.247	ng/u1	0.00
7) Phenol-d5	6.740	99	465600	18.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	298748	19.064	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	336505	18.356	ng/u1	-0.01
15) 4-Methylphenol-d8	8.246	113	347863	17.353	ng/u1	-0.01
21) Nitrobenzene-d5	8.663	128	162000	17.570	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	191604	18.031	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.922	165	375988	16.765	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.428	131	397707	15.829	ng/u1	-0.01
46) Dimethylphthalate-d6	13.546	166	1203041	17.445	ng/u1	-0.01
49) Acenaphthylene-d8	13.816	160	1313791	18.061	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.445	143	160471m	18.989	ng/u1	0.04
60) Fluorene-d10	15.151	176	991696	16.349	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	86104	7.280	ng/u1	0.01
73) Anthracene-d10	17.045	188	1587350	17.773	ng/u1	0.00
81) Pyrene-d10	19.433	212	1715098	16.561	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.321	264	1409882	12.474	ng/u1	-0.02
Target Compounds					Qvalue	
52) Acenaphthene	14.193	153	65331	1.207	ng/u1	99
61) Fluorene	15.204	166	82208	1.228	ng/u1	100
72) Phenanthrene	16.981	178	1047888	10.358	ng/u1	99
74) Anthracene	17.087	178	305098	3.016	ng/u1	98
77) Carbazole	17.381	167	152616	1.852	ng/u1	99
80) Fluoranthene	19.081	202	1241642	10.463	ng/u1#	92
82) Pyrene	19.463	202	999135	7.934	ng/u1#	91
85) Benzo(a)anthracene	21.363	228	504450	3.795	ng/u1	99
87) Chrysene	21.427	228	423017	3.321	ng/u1	97
90) Benzo(b)fluoranthene	23.551	252	510995	3.852	ng/u1#	94
91) Benzo(k)fluoranthene	23.610	252	197632	1.497	ng/u1#	94
93) Benzo(a)pyrene	24.398	252	389744m	3.240	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.139	276	243601m	1.576	ng/u1	
96) Benzo(g,h,i)perylene	29.256	276	219643m	1.856	ng/u1	

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

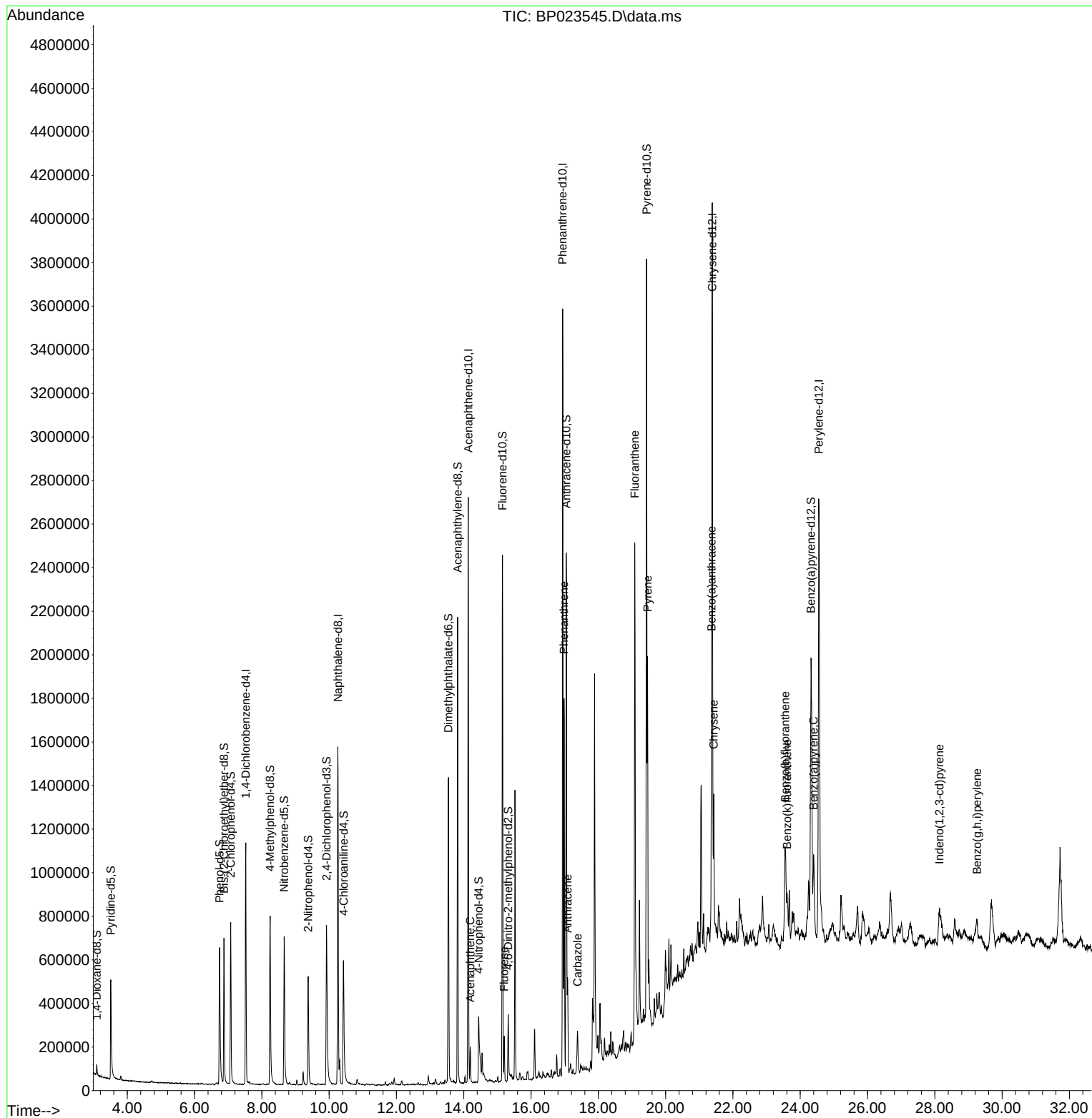
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

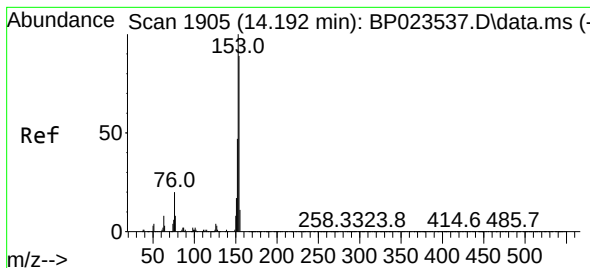
Instrument :
BNA_P
ClientSampleId :
E2902

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:55:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.207 ng/ul

RT: 14.193 min Scan# 1905

Delta R.T. -0.018 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

Instrument :

BNA_P

ClientSampleId :

E2902

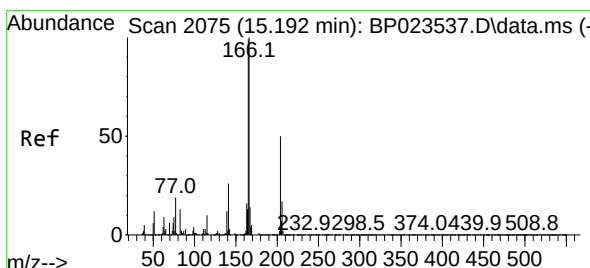
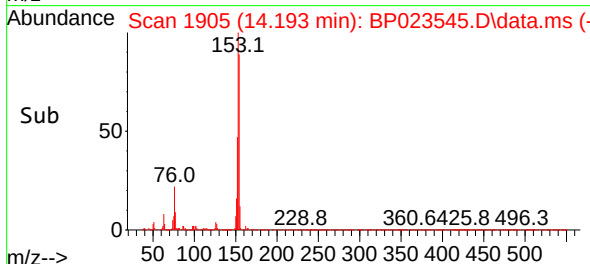
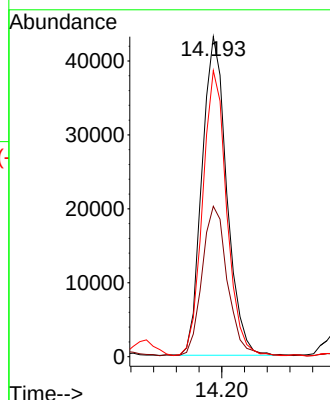
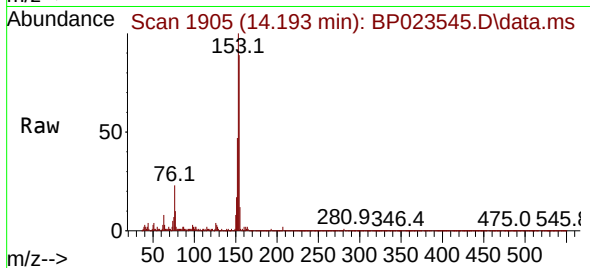
Tgt Ion:	153	Resp:	6533
Ion Ratio	Lower	Upper	
153	100		
152	47.0	39.0	58.6
154	89.4	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#61

Fluorene

Concen: 1.228 ng/ul

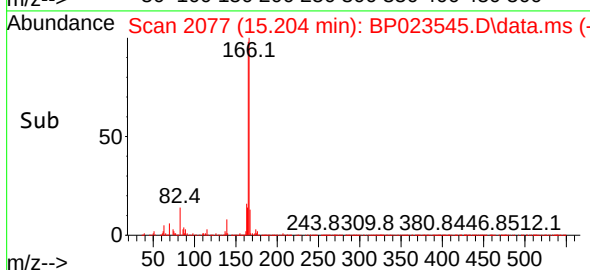
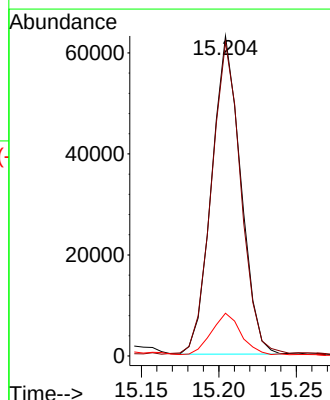
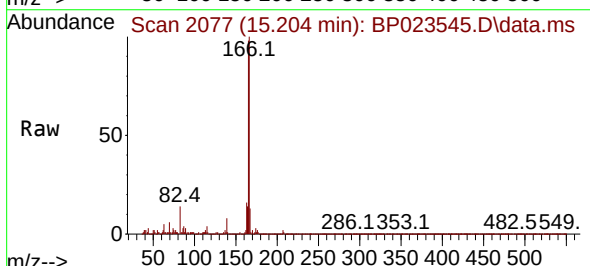
RT: 15.204 min Scan# 2077

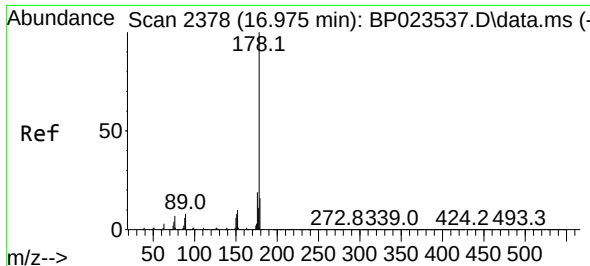
Delta R.T. -0.012 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

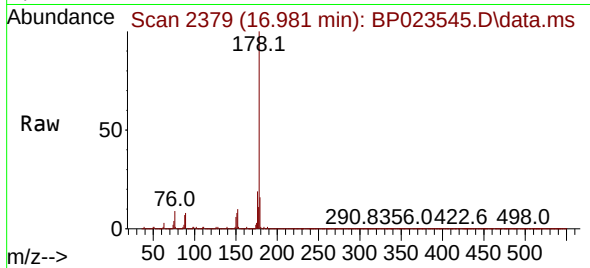
Tgt Ion:	166	Resp:	82208
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.5	117.7
167	13.4	11.1	16.7





#72
Phenanthrene
Concen: 10.358 ng/ul
RT: 16.981 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

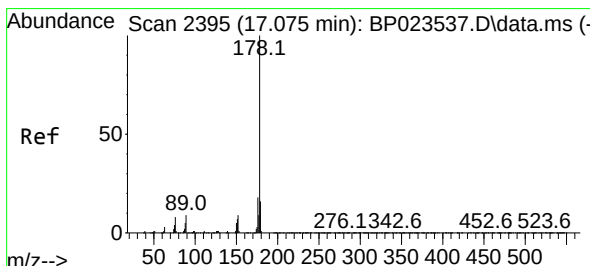
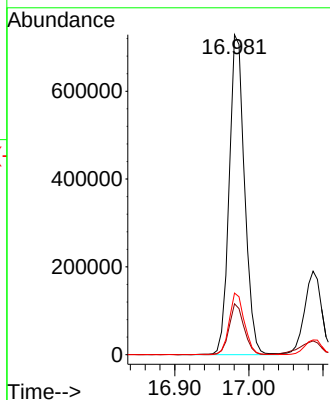
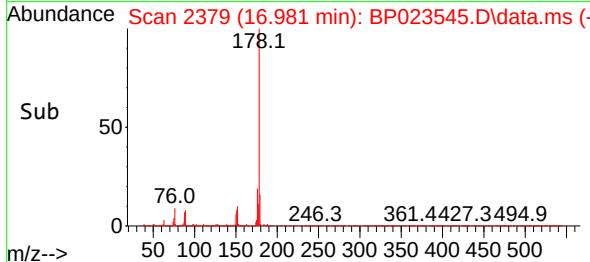
Instrument :
BNA_P
ClientSampleId :
E2902



Tgt Ion:178 Resp: 1047888
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 19.2 15.4 23.0

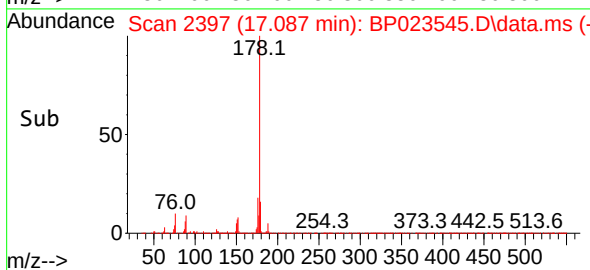
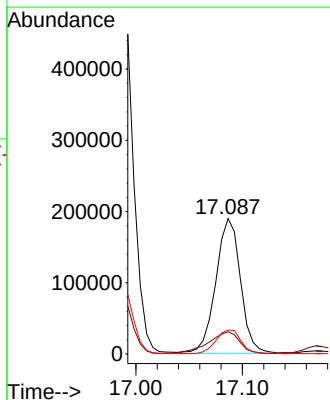
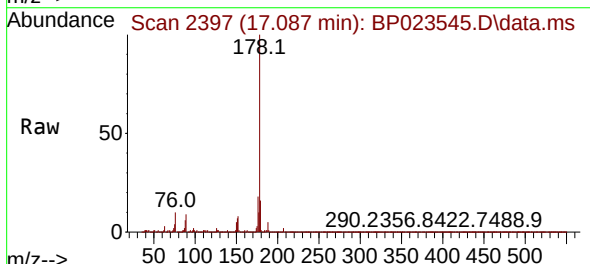
Manual Integrations
APPROVED

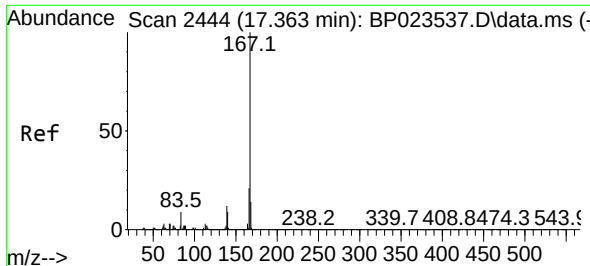
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#74
Anthracene
Concen: 3.016 ng/ul
RT: 17.087 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

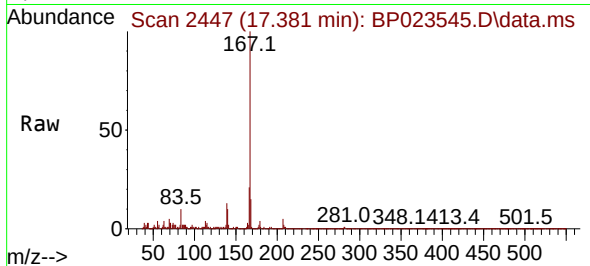
Tgt Ion:178 Resp: 305098
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 17.6 14.7 22.1





#77
Carbazole
Concen: 1.852 ng/ul
RT: 17.381 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

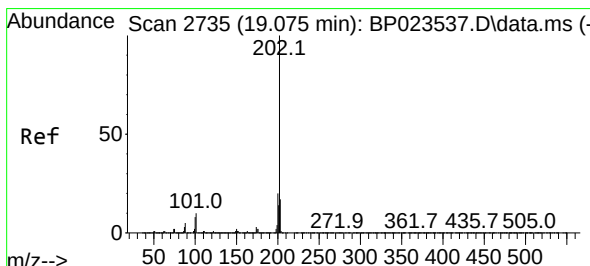
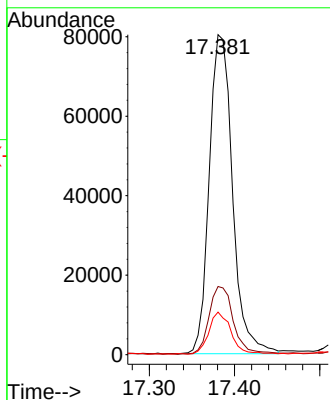
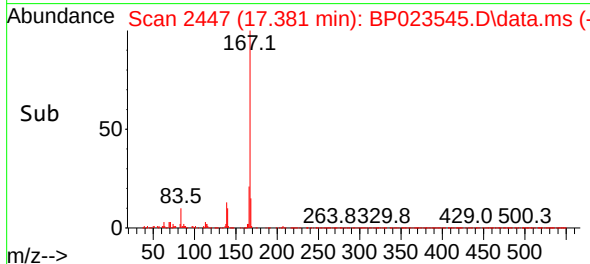
Instrument :
BNA_P
ClientSampleId :
E2902



Tgt Ion:167 Resp: 152610
Ion Ratio Lower Upper
167 100
166 21.3 17.3 25.9
139 13.3 10.3 15.5

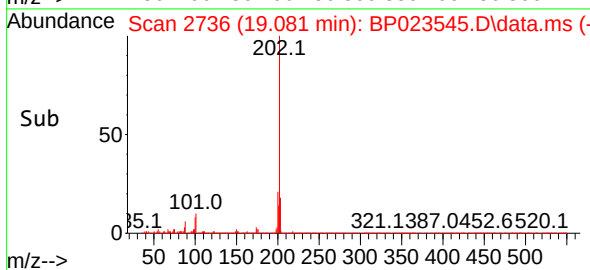
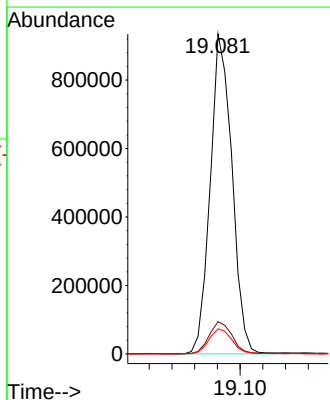
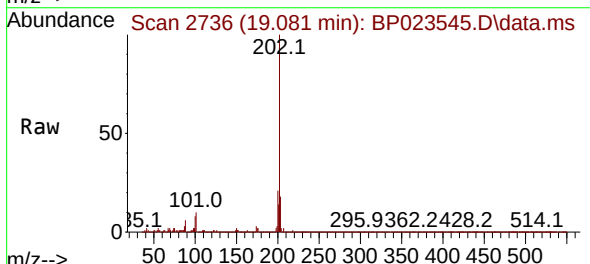
Manual Integrations
APPROVED

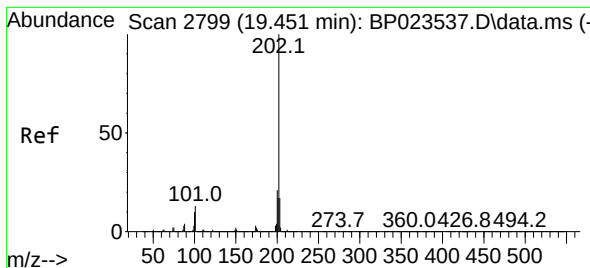
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#80
Fluoranthene
Concen: 10.463 ng/ul
RT: 19.081 min Scan# 2736
Delta R.T. -0.018 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

Tgt Ion:202 Resp: 1241642
Ion Ratio Lower Upper
202 100
101 10.1 5.6 8.4#
100 7.9 4.6 7.0#





#82

Pyrene

Concen: 7.934 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

Instrument :

BNA_P

ClientSampleId :

E2902

Tgt Ion:202 Resp: 99913

Ion Ratio Lower Upper

202 100

101 11.7 6.7 10.1

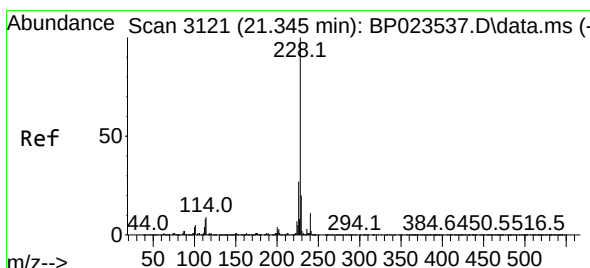
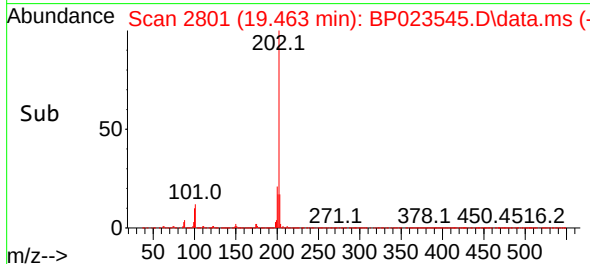
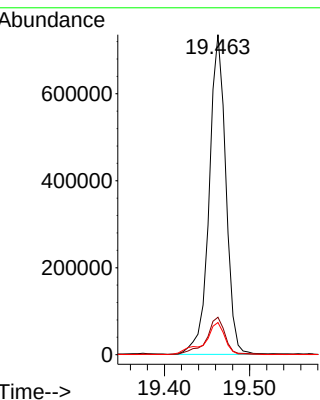
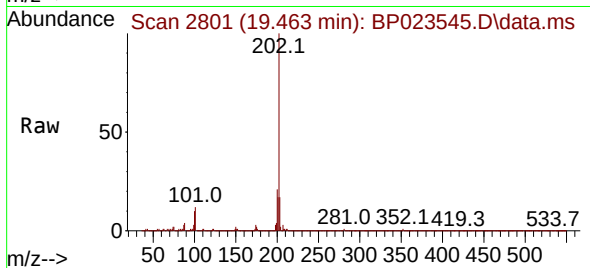
100 10.1 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#85

Benzo(a)anthracene

Concen: 3.795 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

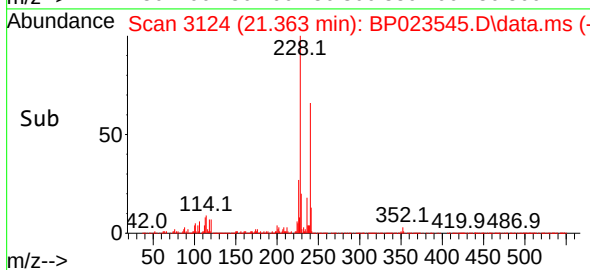
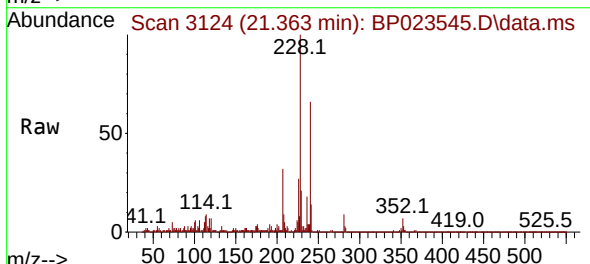
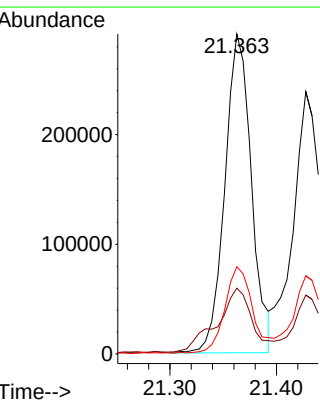
Tgt Ion:228 Resp: 504450

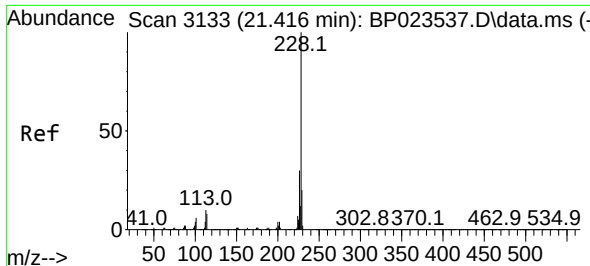
Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

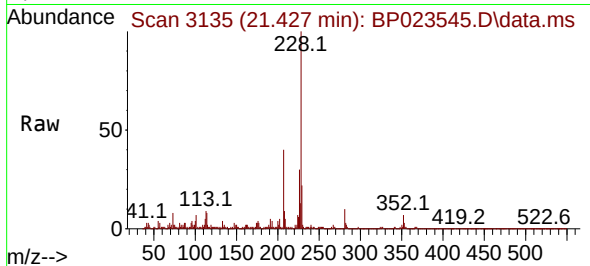
226 27.2 21.6 32.4





#87
Chrysene
Concen: 3.321 ng/ul
RT: 21.427 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

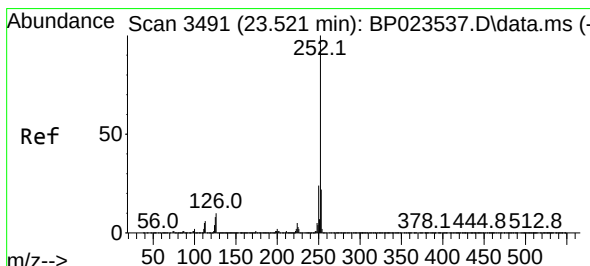
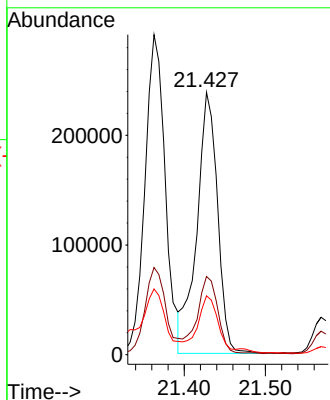
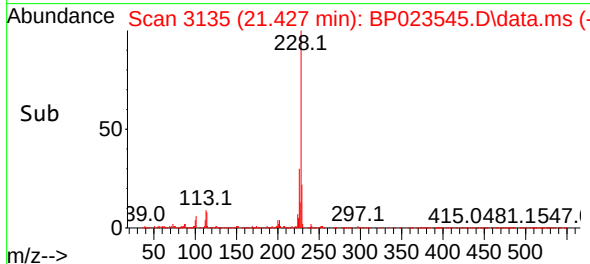
Instrument :
BNA_P
ClientSampleId :
E2902



Tgt Ion:228 Resp: 42301
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 22.4 15.6 23.4

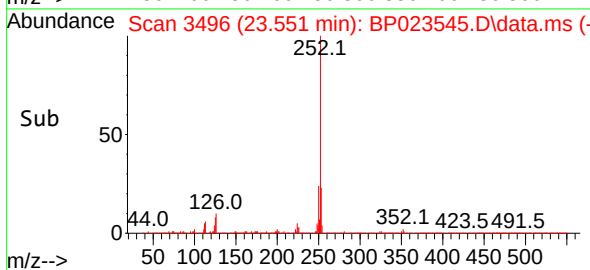
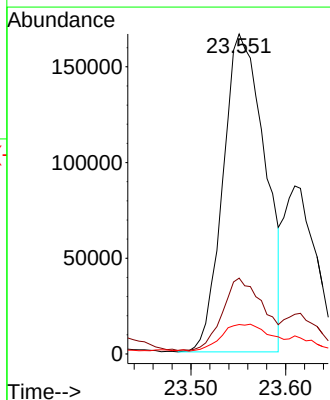
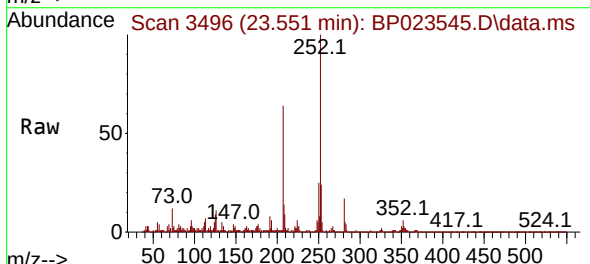
Manual Integrations
APPROVED

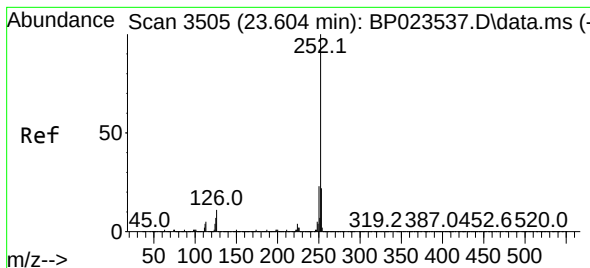
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#90
Benzo(b)fluoranthene
Concen: 3.852 ng/ul
RT: 23.551 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP023545.D
Acq: 20 Dec 2024 03:26

Tgt Ion:252 Resp: 510995
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 9.2 4.4 6.6#





#91

Benzo(k)fluoranthene

Concen: 1.497 ng/ul

RT: 23.610 min Scan# 3505

Delta R.T. -0.012 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

Instrument :

BNA_P

ClientSampleId :

E2902

Tgt Ion:252 Resp: 197632

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

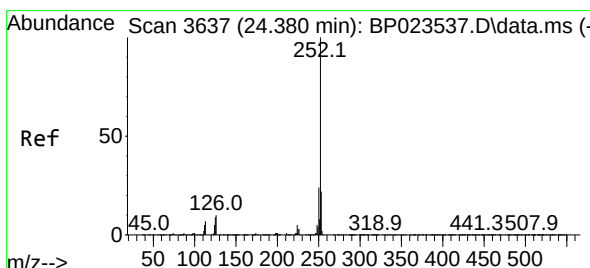
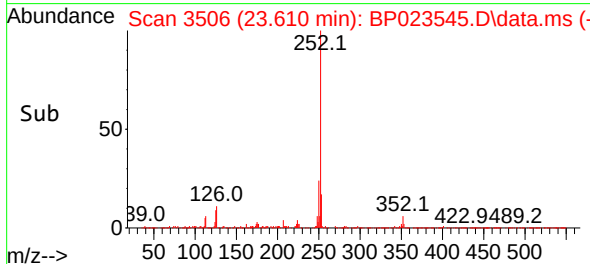
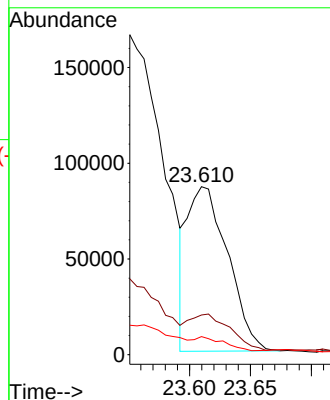
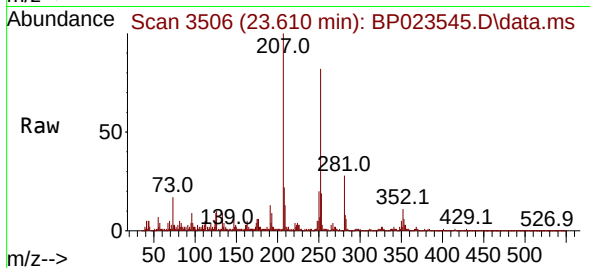
125 10.8 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#93

Benzo(a)pyrene

Concen: 3.240 ng/ul m

RT: 24.398 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

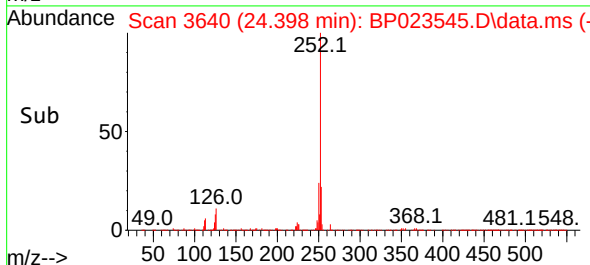
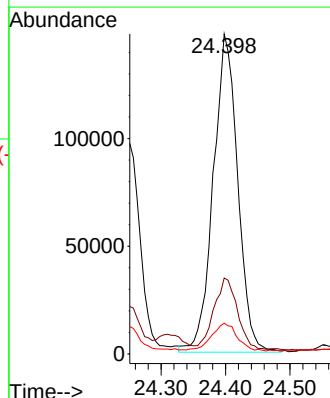
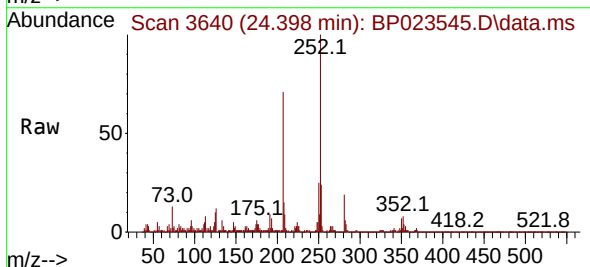
Tgt Ion:252 Resp: 389744

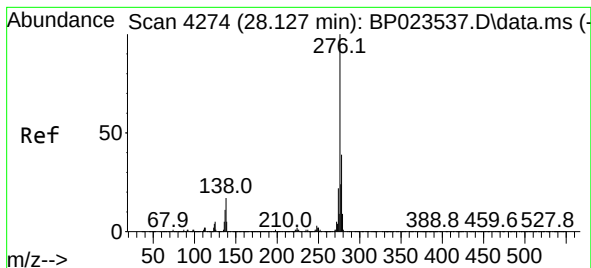
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 9.6 5.0 7.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.576 ng/ul m

RT: 28.139 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

Instrument :

BNA_P

ClientSampleId :

E2902

Tgt Ion:276 Resp: 24360

Ion Ratio Lower Upper

276 100

138 18.6 7.8 11.6

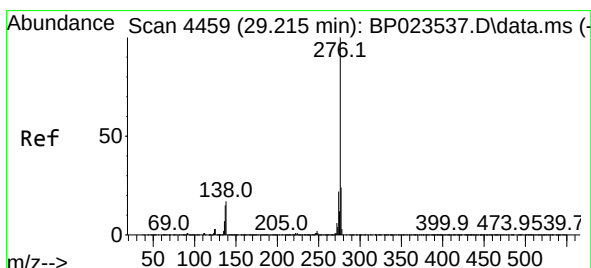
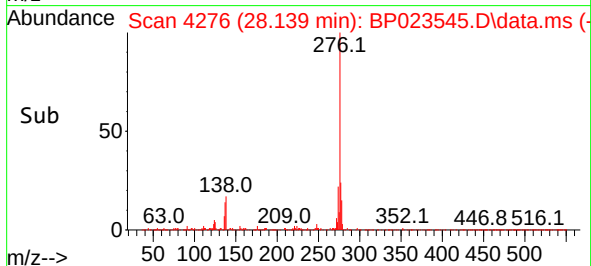
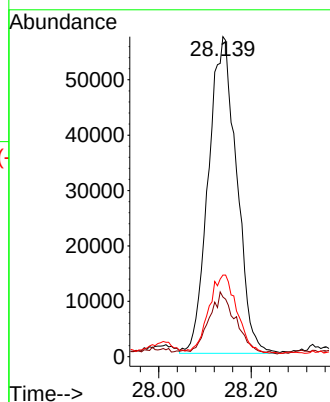
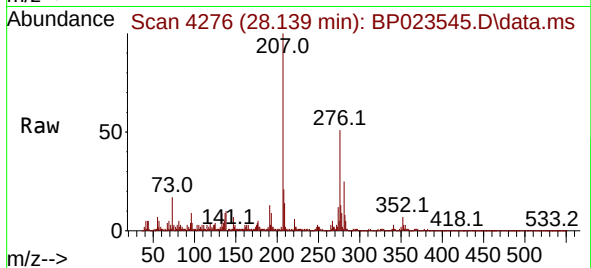
277 25.5 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#96

Benzo(g,h,i)perylene

Concen: 1.856 ng/ul m

RT: 29.256 min Scan# 4466

Delta R.T. 0.006 min

Lab File: BP023545.D

Acq: 20 Dec 2024 03:26

Tgt Ion:276 Resp: 219643

Ion Ratio Lower Upper

276 100

138 18.0 8.5 12.7#

277 25.0 18.9 28.3

