

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021476.D
 Acq On : 09 Aug 2024 18:50
 Operator : RC/JU
 Sample : P3329-04MEDL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03MEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:12:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	121087	20.000	ng/u1	0.03
20) Naphthalene-d8	10.375	136	463651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	349685	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.075	188	679037	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	759754	20.000	ng/u1	0.01
88) Perylene-d12	24.798	264	878018	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	1324	0.498	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.005	99	5063m	0.513	ng/u1	0.18
9) Bis-(2-Chloroethyl)eth...	7.069	67	15580m	2.604	ng/u1	0.11
11) 2-Chlorophenol-d4	7.287	132	16395m	2.016	ng/u1	0.13
15) 4-Methylphenol-d8	8.510	113	16394m	1.999	ng/u1	0.16
21) Nitrobenzene-d5	8.875	128	8384m	2.328	ng/u1	0.10
24) 2-Nitrophenol-d4	9.557	143	8360m	2.028	ng/u1	0.07
28) 2,4-Dichlorophenol-d3	10.246	165	14872m	1.995	ng/u1	0.20
31) 4-Chloroaniline-d4	10.693	131	18158m	1.839	ng/u1	0.15
46) Dimethylphthalate-d6	13.704	166	71382	2.808	ng/u1	0.05
49) Acenaphthylene-d8	13.963	160	68304	2.393	ng/u1	0.03
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.287	176	61993	2.973	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.192	188	81085	2.689	ng/u1	0.02
81) Pyrene-d10	19.580	212	110619	2.355	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.592	264	121186	2.799	ng/u1	0.03
Target Compounds					Qvalue	
30) Naphthalene	10.428	128	727358	29.824	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	138566	8.277	ng/u1	95
37) 1-Methylnaphthalene	12.298	142	64418	3.741	ng/u1#	91
43) 1,1'-Biphenyl	13.116	154	32805	1.284	ng/u1	91
52) Acenaphthene	14.328	153	101677	4.740	ng/u1	99
56) Dibenzofuran	14.704	168	121812	4.147	ng/u1	98
61) Fluorene	15.363	166	122238	5.100	ng/u1	97
72) Phenanthrene	17.116	178	466059	13.231	ng/u1	99
74) Anthracene	17.239	178	275843	7.681	ng/u1	98
77) Carbazole	17.545	167	117145	3.990	ng/u1	99
80) Fluoranthene	19.227	202	275939	4.865	ng/u1	100
82) Pyrene	19.610	202	194455	3.369	ng/u1	97
85) Benzo(a)anthracene	21.510	228	64006	1.203	ng/u1#	94
87) Chrysene	21.574	228	54595	1.104	ng/u1	96

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

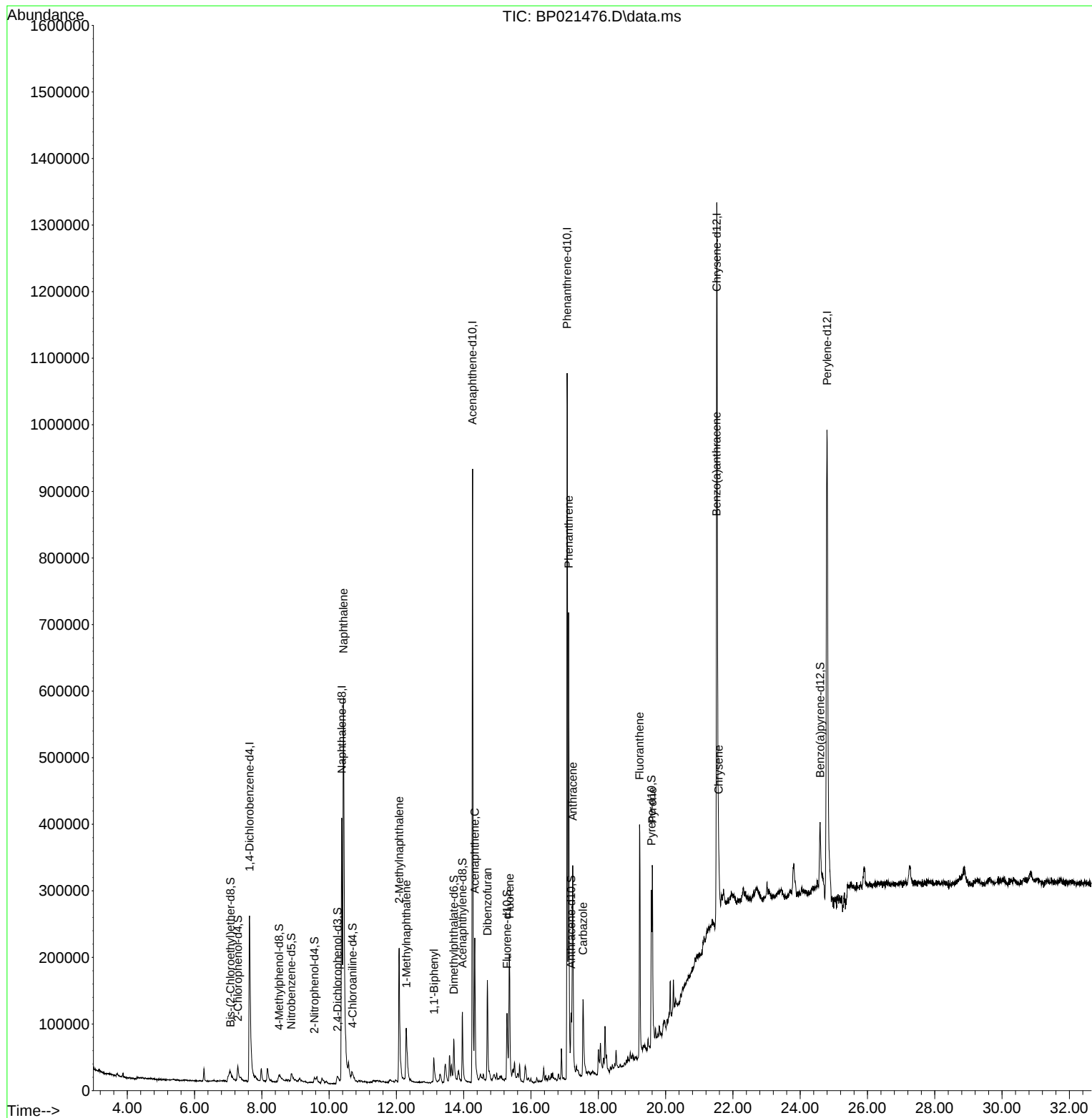
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021476.D
Acq On : 09 Aug 2024 18:50
Operator : RC/JU
Sample : P3329-04MEDL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

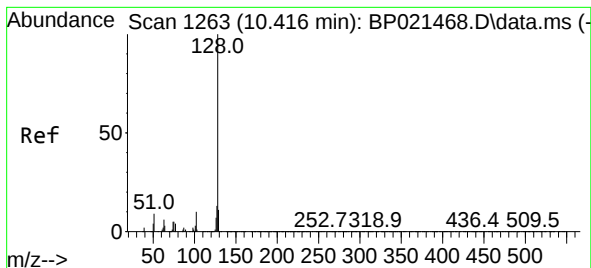
Instrument :
BNA_P
ClientSampleId :
F7E03MEDL

Quant Time: Aug 09 23:12:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

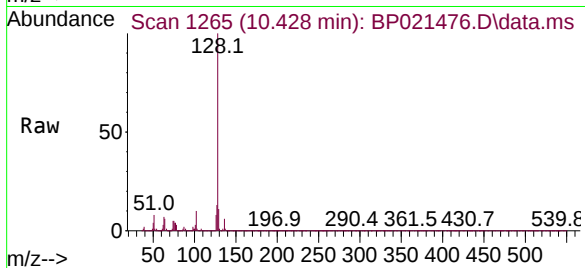
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024





#30
Naphthalene
Concen: 29.824 ng/ul
RT: 10.428 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50

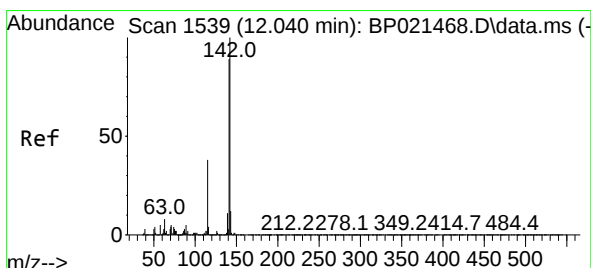
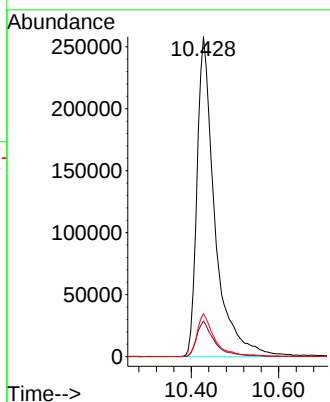
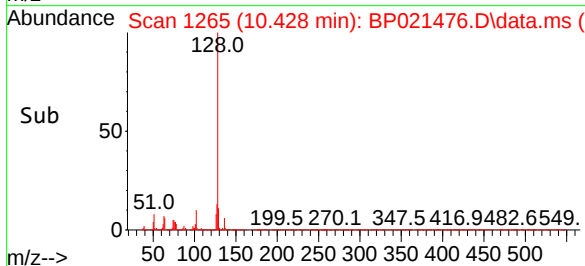
Instrument :
BNA_P
ClientSampleId :
F7E03MEDL



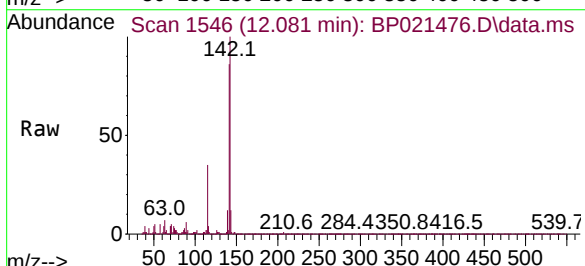
Tgt Ion:128 Resp: 727358
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2

Manual Integrations
APPROVED

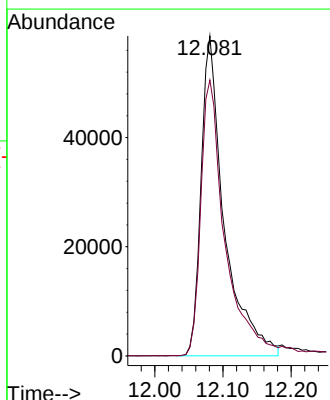
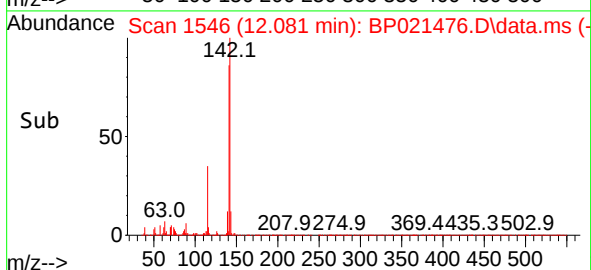
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

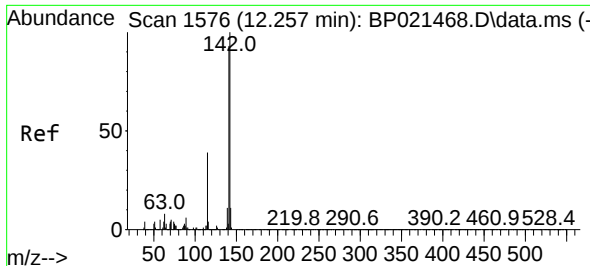


#36
2-Methylnaphthalene
Concen: 8.277 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. 0.041 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50



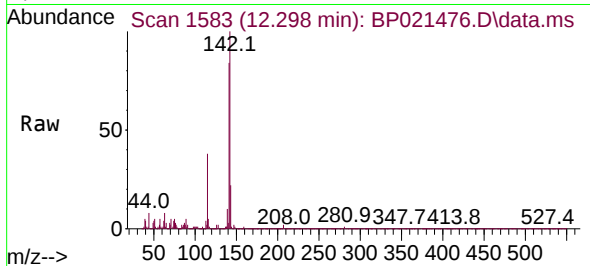
Tgt Ion:142 Resp: 138566
Ion Ratio Lower Upper
142 100
141 86.2 72.6 108.8





#37
1-Methylnaphthalene
Concen: 3.741 ng/ul
RT: 12.298 min Scan# 11
Delta R.T. 0.041 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50

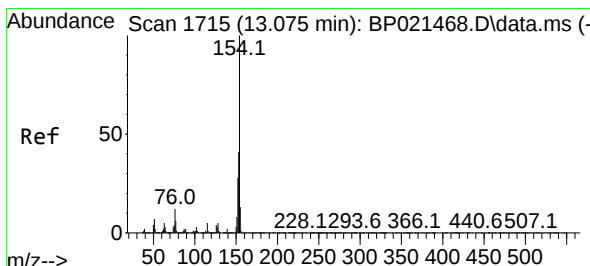
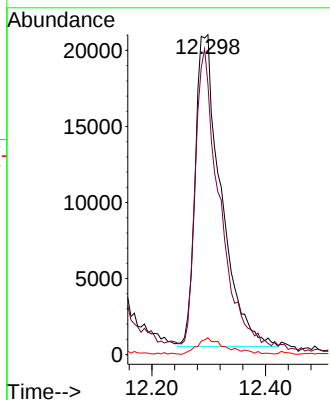
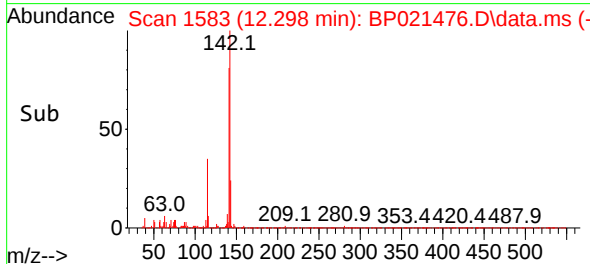
Instrument :
BNA_P
ClientSampleId :
F7E03MEDL



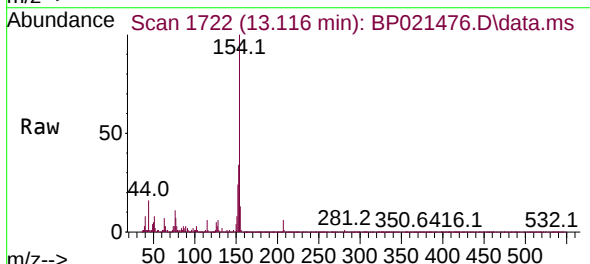
Tgt Ion:142 Resp: 64418
Ion Ratio Lower Upper
142 100
141 84.4 75.0 112.6
116 5.3 3.2 4.8

Manual Integrations
APPROVED

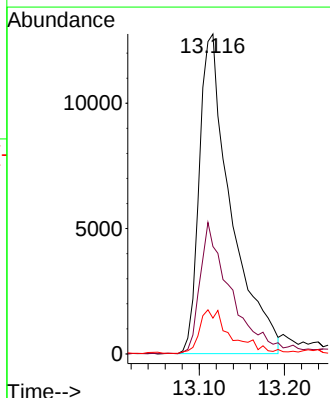
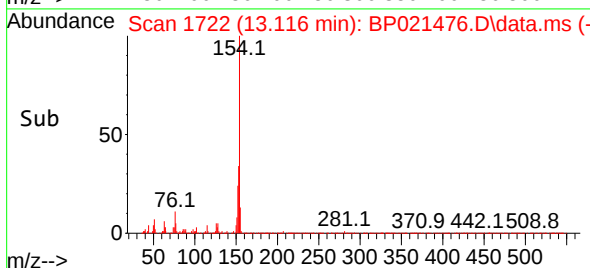
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

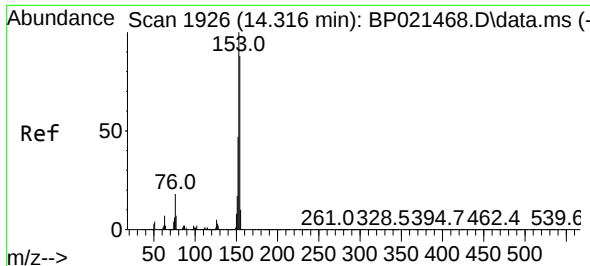


#43
1,1'-Biphenyl
Concen: 1.284 ng/ul
RT: 13.116 min Scan# 1722
Delta R.T. 0.059 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50



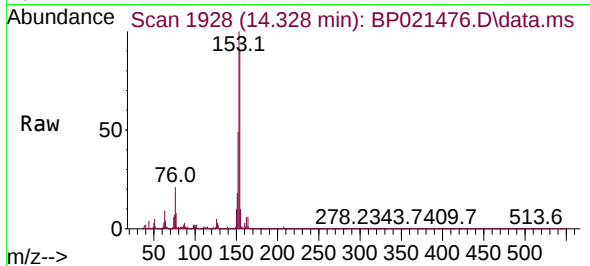
Tgt Ion:154 Resp: 32805
Ion Ratio Lower Upper
154 100
153 33.6 32.7 49.1
76 11.2 9.4 14.2





#52
Acenaphthene
Concen: 4.740 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. 0.018 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50

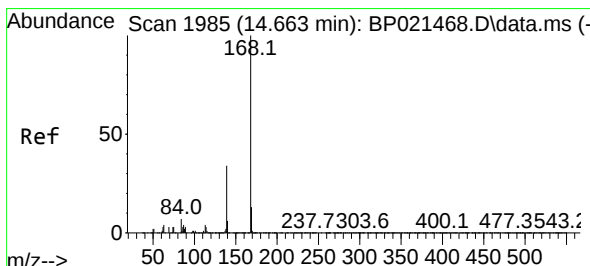
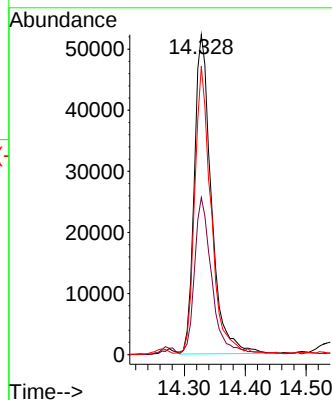
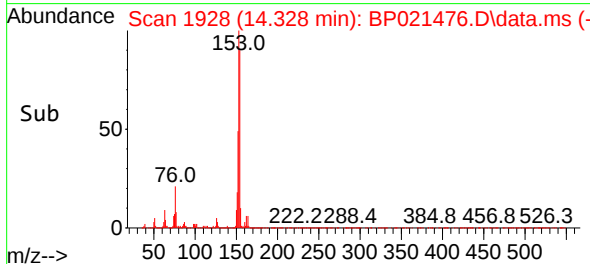
Instrument :
BNA_P
ClientSampleId :
F7E03MEDL



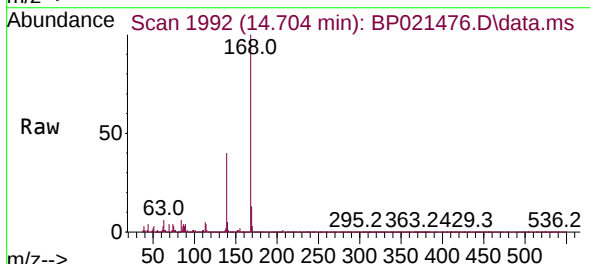
Tgt Ion:153 Resp: 101672
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.6
154 90.1 71.8 107.6

Manual Integrations
APPROVED

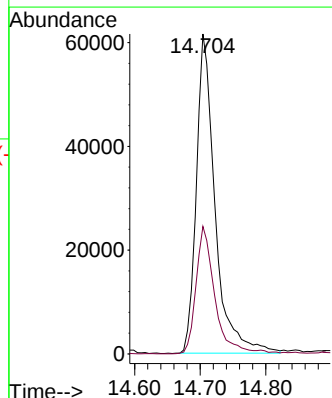
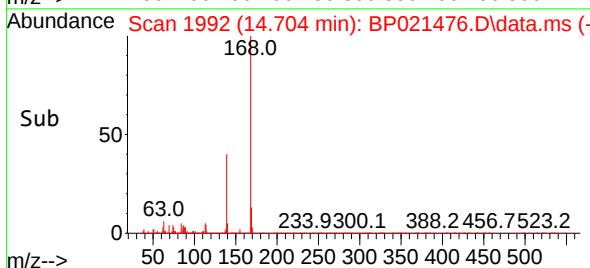
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

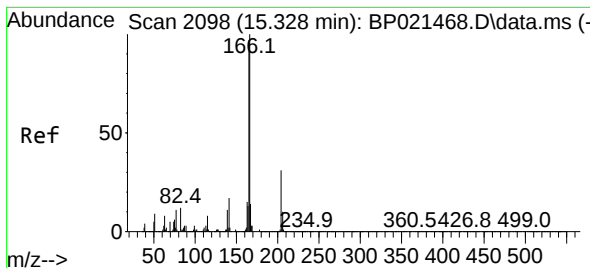


#56
Dibenzofuran
Concen: 4.147 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.047 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50



Tgt Ion:168 Resp: 121812
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7





#61

Fluorene

Concen: 5.100 ng/ul

RT: 15.363 min Scan# 2104

Delta R.T. 0.047 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

Instrument :

BNA_P

ClientSampleId :

F7E03MEDL

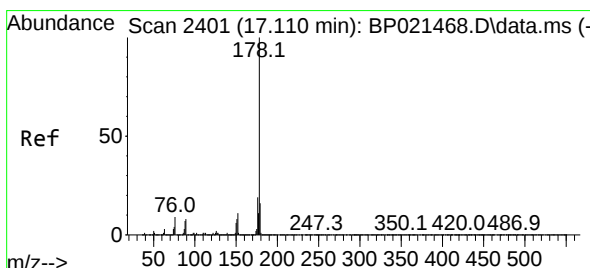
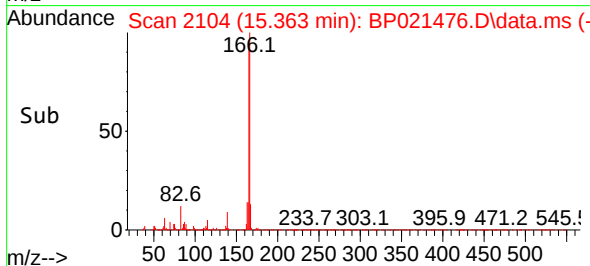
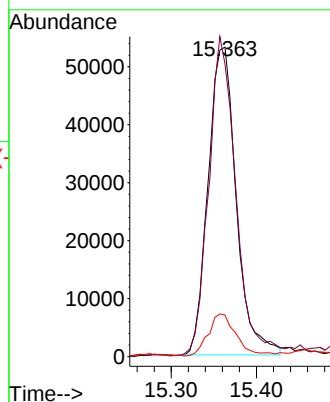
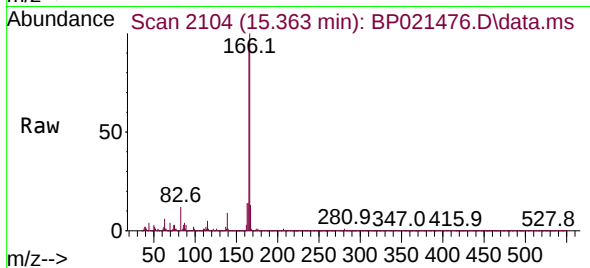
Tgt Ion:	166	Resp:	122238
Ion Ratio	Lower	Upper	
166	100		
165	94.5	78.1	117.1
167	13.4	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#72

Phenanthrene

Concen: 13.231 ng/ul

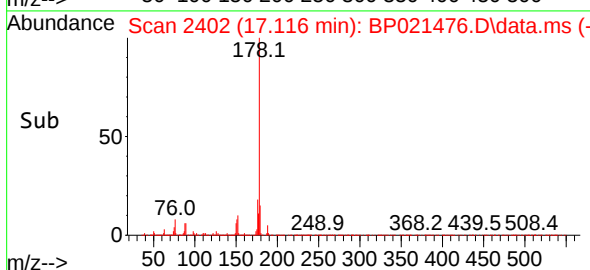
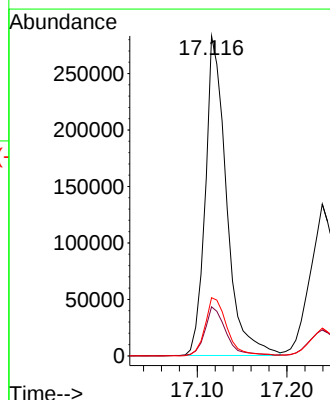
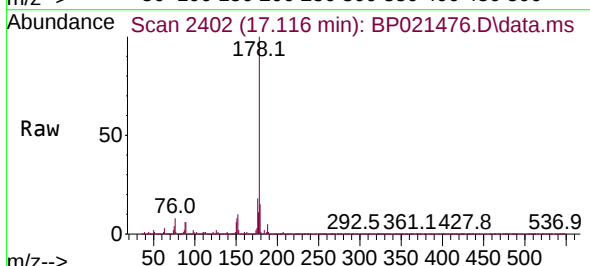
RT: 17.116 min Scan# 2402

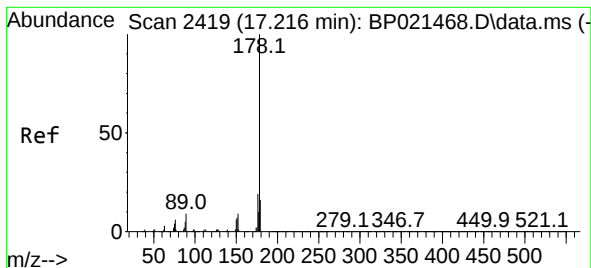
Delta R.T. -0.000 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

Tgt Ion:	178	Resp:	466059
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	18.2	15.0	22.4





#74

Anthracene

Concen: 7.681 ng/ul

RT: 17.239 min Scan# 2419

Delta R.T. 0.029 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

Instrument :

BNA_P

ClientSampleId :

F7E03MEDL

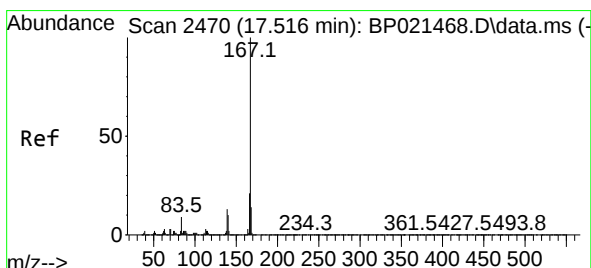
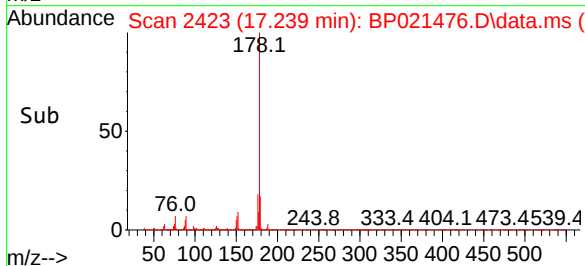
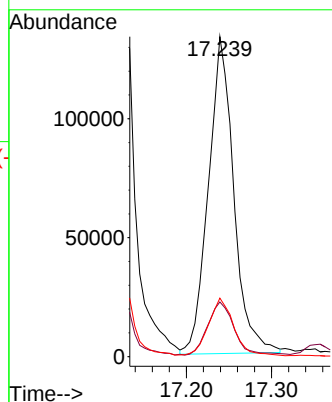
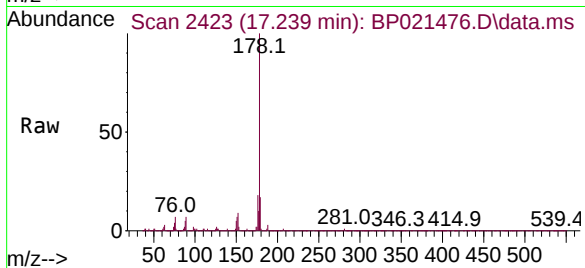
Tgt Ion:178	Resp: 275843
Ion Ratio	Lower Upper
178 100	
179 17.1	12.5 18.7
176 18.3	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#77

Carbazole

Concen: 3.990 ng/ul

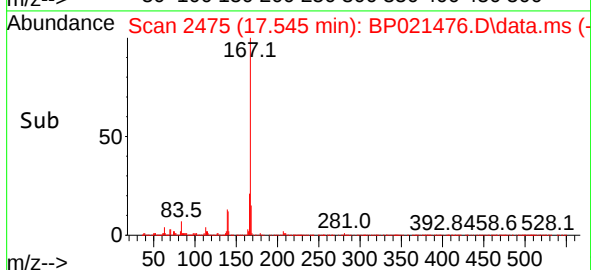
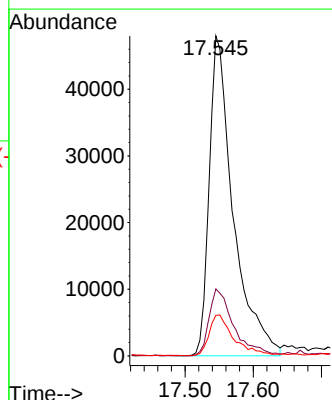
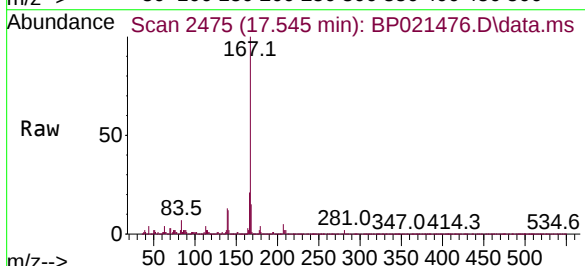
RT: 17.545 min Scan# 2475

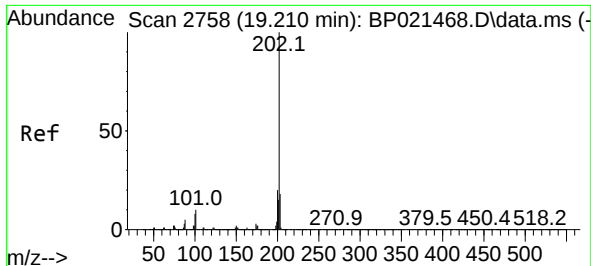
Delta R.T. 0.029 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

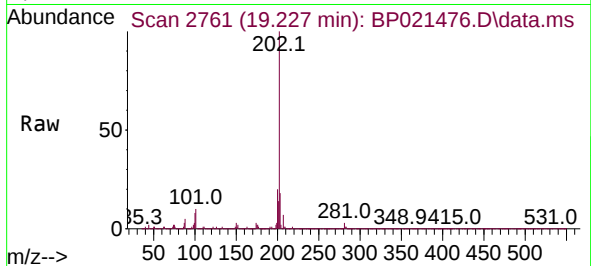
Tgt Ion:167	Resp: 117145
Ion Ratio	Lower Upper
167 100	
166 21.0	17.3 25.9
139 12.7	10.2 15.2





#80
Fluoranthene
Concen: 4.865 ng/u1
RT: 19.227 min Scan# 2759
Delta R.T. 0.012 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50

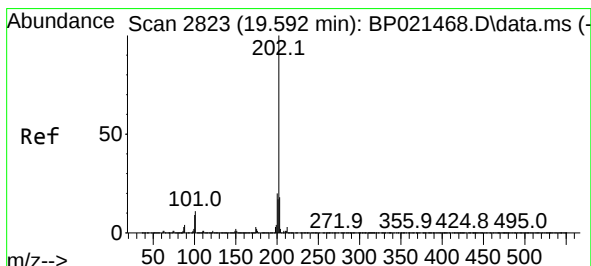
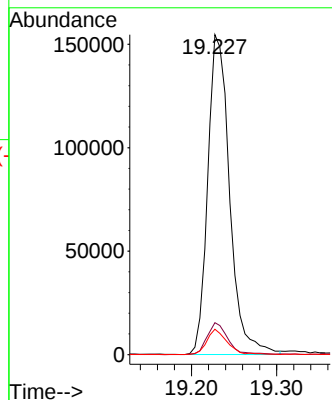
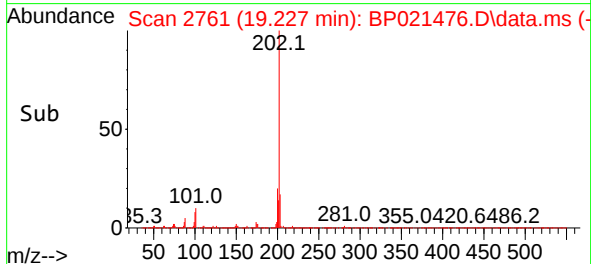
Instrument :
BNA_P
ClientSampleId :
F7E03MEDL



Tgt Ion:202 Resp: 275939
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.9 6.1 9.1

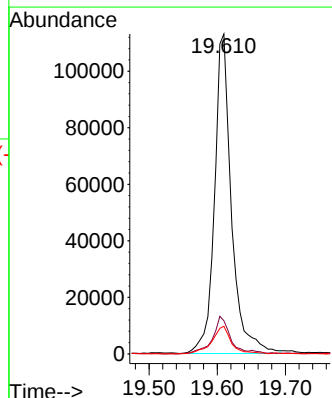
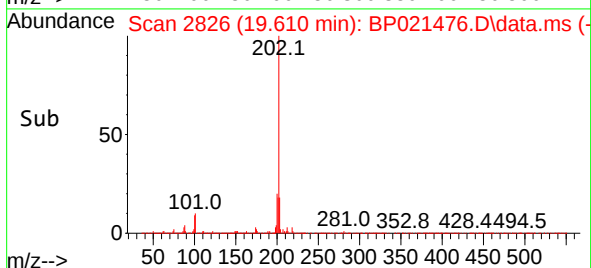
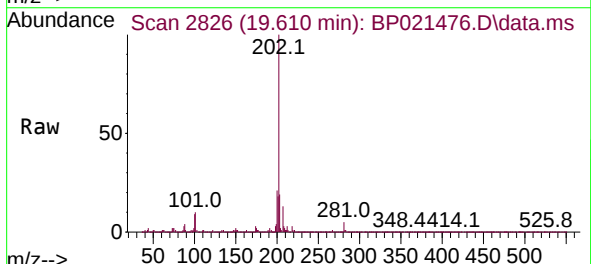
Manual Integrations
APPROVED

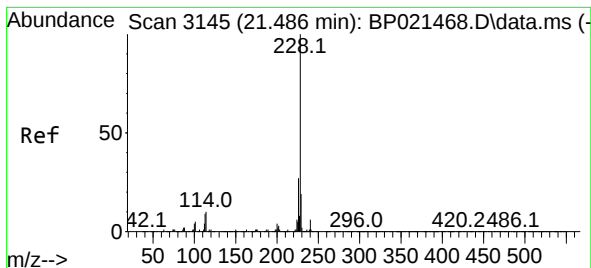
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 3.369 ng/u1
RT: 19.610 min Scan# 2826
Delta R.T. 0.018 min
Lab File: BP021476.D
Acq: 09 Aug 2024 18:50

Tgt Ion:202 Resp: 194455
Ion Ratio Lower Upper
202 100
101 10.4 9.4 14.2
100 8.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 1.203 ng/uI

RT: 21.510 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

Instrument :

BNP

ClientSampleId :

F7E03MEDL

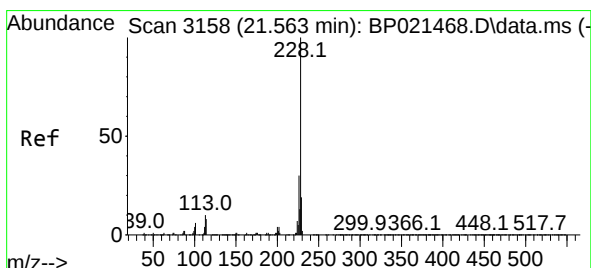
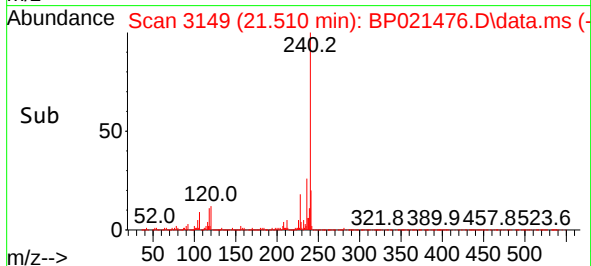
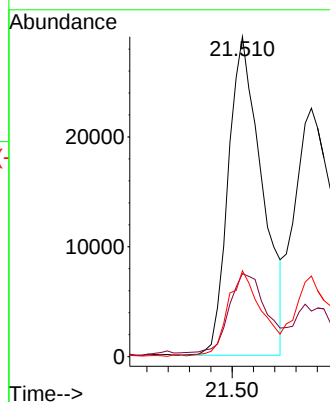
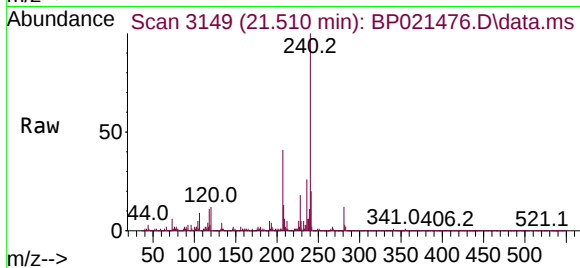
Tgt Ion:228 Resp: 64000
 Ion Ratio Lower Upper
 228 100
 229 25.9 15.5 23.3
 226 26.8 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#87

Chrysene

Concen: 1.104 ng/uI

RT: 21.574 min Scan# 3160

Delta R.T. 0.012 min

Lab File: BP021476.D

Acq: 09 Aug 2024 18:50

Tgt Ion:228 Resp: 54595
 Ion Ratio Lower Upper
 228 100
 226 32.4 23.6 35.4
 229 18.3 15.5 23.3

