

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021379.D
 Acq On : 05 Aug 2024 20:06
 Operator : CG/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E00

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 00:24:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	267490	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.375	136	1062710	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	696922	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	1297039	20.000	ng/ul	-0.02
79) Chrysene-d12	21.522	240	952889	20.000	ng/ul	-0.01
88) Perylene-d12	24.821	264	1302981	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	8256	1.405	ng/uL	-0.01
4) Pyridine-d5	3.593	84	101874	5.986	ng/ul	0.00
7) Phenol-d5	6.846	99	137728	6.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	124067	9.388	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	119320	6.641	ng/ul	-0.01
15) 4-Methylphenol-d8	8.364	113	119657	6.606	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	57077	6.915	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	62942	6.662	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.058	165	119246	6.980	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	120597	5.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	1173952	23.172	ng/ul	-0.02
49) Acenaphthylene-d8	13.951	160	432872	7.609	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	48455m	6.722	ng/ul	0.04
60) Fluorene-d10	15.269	176	338040	8.133	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	78848	10.047	ng/ul	0.00
73) Anthracene-d10	17.175	188	485452	8.427	ng/ul	-0.02
81) Pyrene-d10	19.563	212	447767	7.601	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	525181	8.172	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.452	105	76589	2.740	ng/ul#	89
30) Naphthalene	10.422	128	271434	4.856	ng/ul	99
36) 2-Methylnaphthalene	12.040	142	193994	5.056	ng/ul	99
37) 1-Methylnaphthalene	12.269	142	61538	1.559	ng/ul#	98
43) 1,1'-Biphenyl	13.069	154	254418	4.995	ng/ul	99
50) Acenaphthylene	13.975	152	1337557	20.767	ng/ul	99
52) Acenaphthene	14.322	153	85049	1.989	ng/ul	95
56) Dibenzofuran	14.669	168	164144	2.804	ng/ul	95
61) Fluorene	15.328	166	587279	12.294	ng/ul#	97
72) Phenanthrene	17.116	178	270768m	4.024	ng/ul	
74) Anthracene	17.216	178	948864	13.833	ng/ul	100
77) Carbazole	17.516	167	96066	1.713	ng/ul#	83
80) Fluoranthene	19.216	202	202146m	2.841	ng/ul	
82) Pyrene	19.592	202	84100	1.162	ng/ul#	89
85) Benzo(a)anthracene	21.504	228	197537	2.959	ng/ul#	78

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

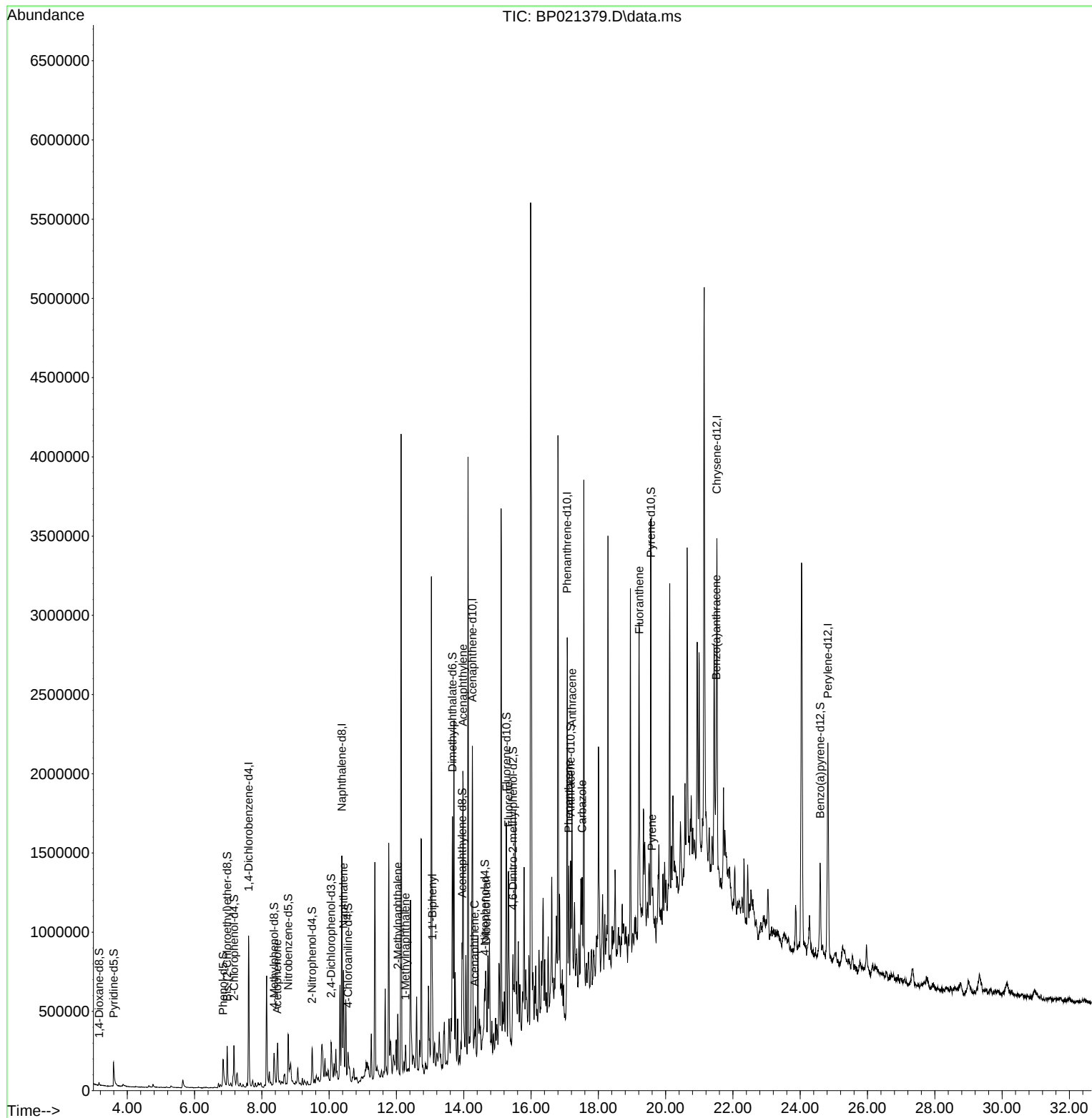
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021379.D
Acq On : 05 Aug 2024 20:06
Operator : CG/JU
Sample : P3329-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

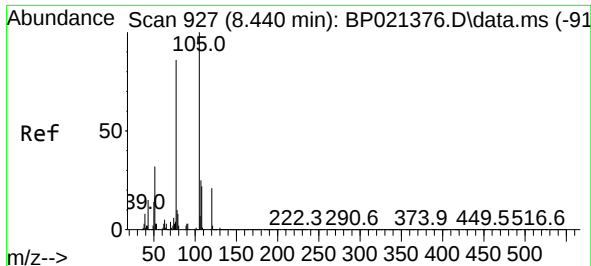
Instrument :
BNA_P
ClientSampleId :
F7E00

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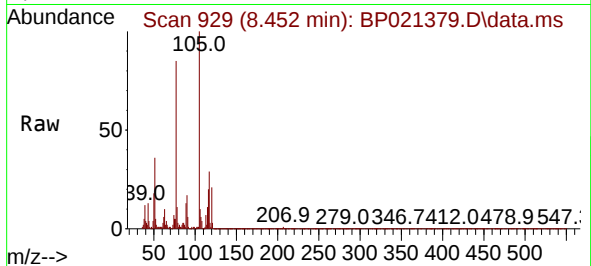
Quant Time: Aug 06 00:24:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.740 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

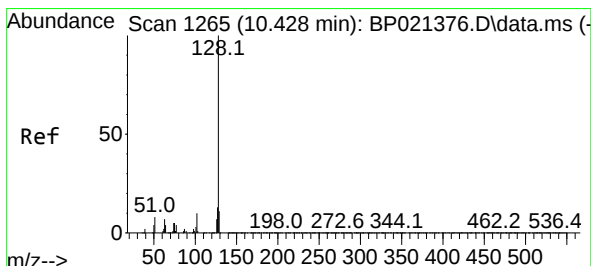
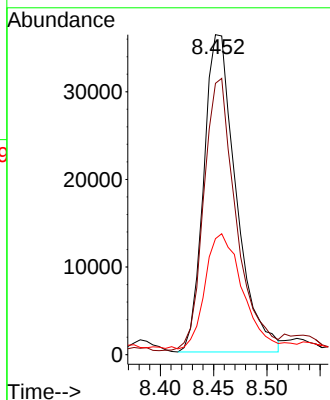
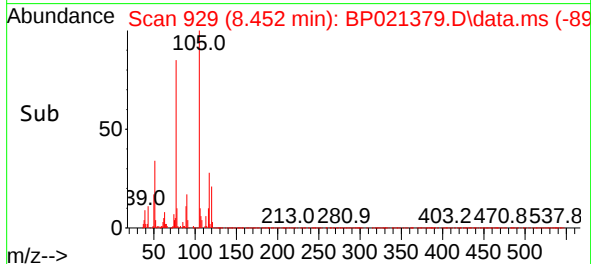
Instrument :
BNA_P
ClientSampleId :
F7E00



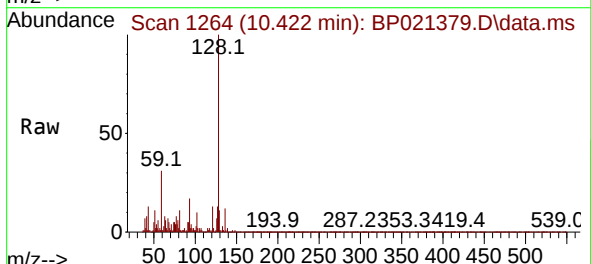
Tgt Ion:105 Resp: 76589
Ion Ratio Lower Upper
105 100
77 84.8 61.8 92.8
51 36.3 21.5 32.3

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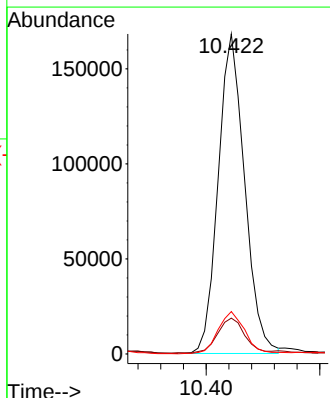
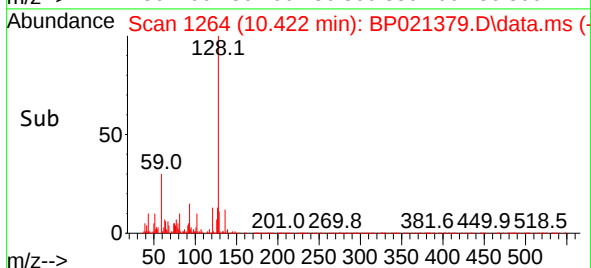
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

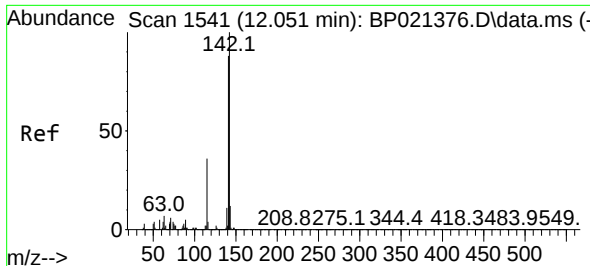


#30
Naphthalene
Concen: 4.856 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06



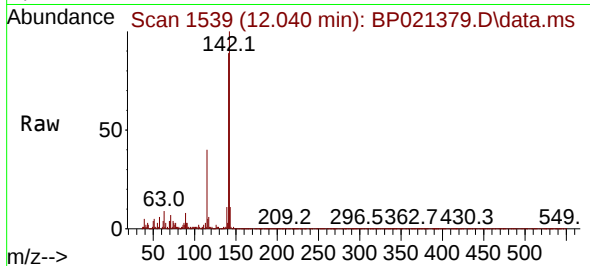
Tgt Ion:128 Resp: 271434
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2





#36
2-Methylnaphthalene
Concen: 5.056 ng/ul
RT: 12.040 min Scan# 1539
Delta R.T. -0.029 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

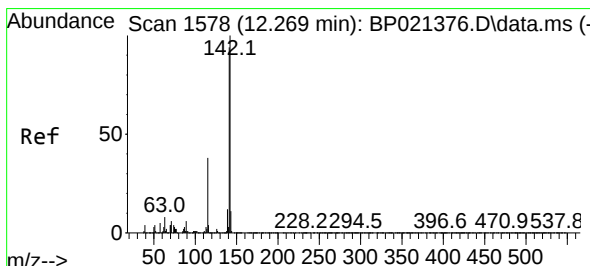
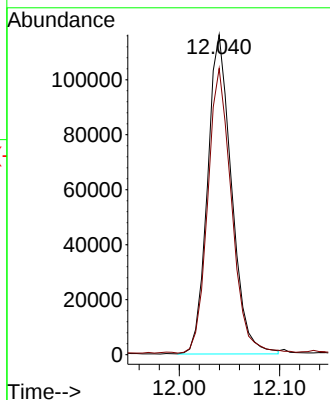
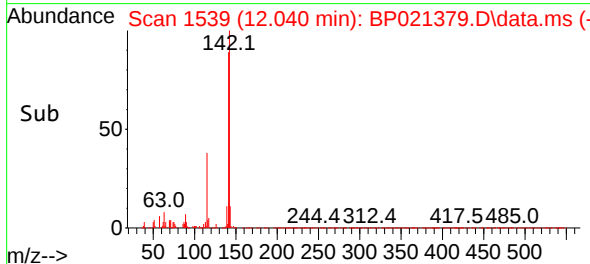
Instrument :
BNA_P
ClientSampleId :
F7E00



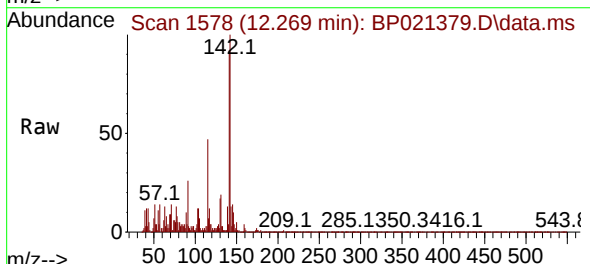
Tgt Ion:142 Resp: 193994
Ion Ratio Lower Upper
142 100
141 89.4 72.6 108.8

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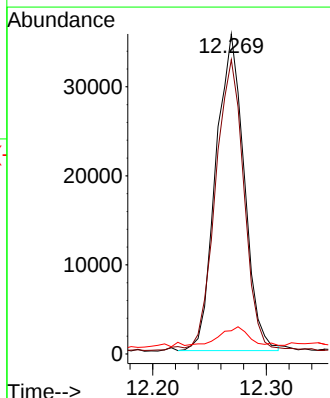
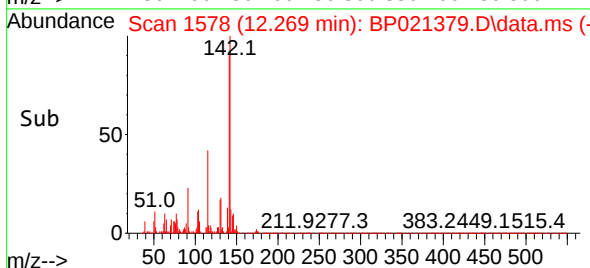
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

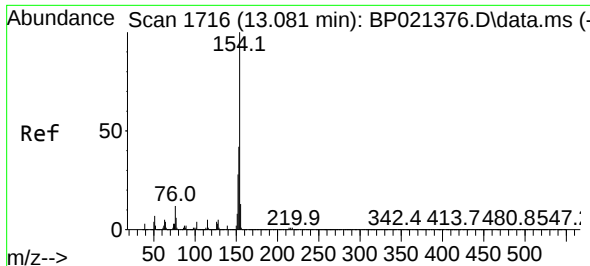


#37
1-Methylnaphthalene
Concen: 1.559 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06



Tgt Ion:142 Resp: 61538
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.6
116 7.3 3.2 4.8#





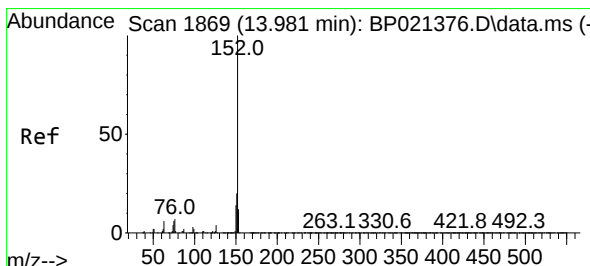
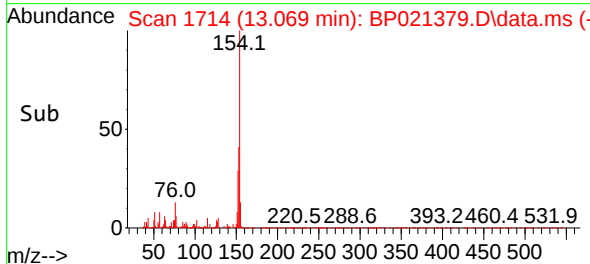
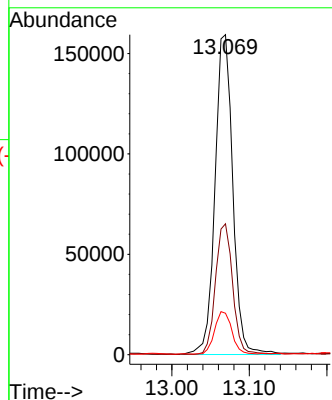
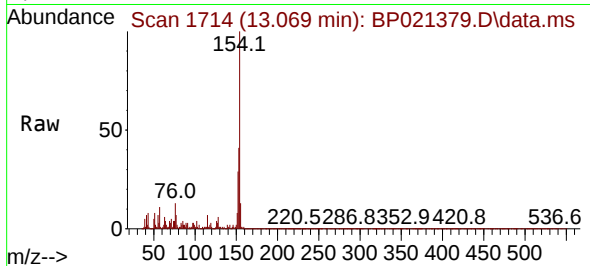
#43
1,1'-Biphenyl
Concen: 4.995 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

Instrument :
BNA_P
ClientSampleId :
F7E00

Tgt Ion:154 Resp: 254418
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 12.9 9.4 14.2

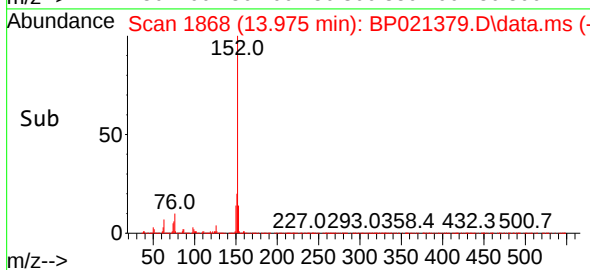
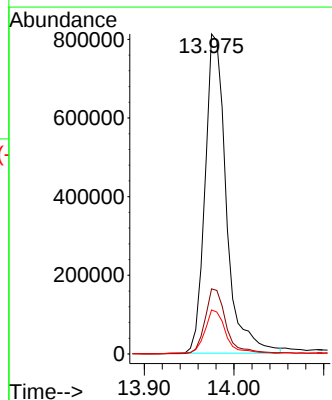
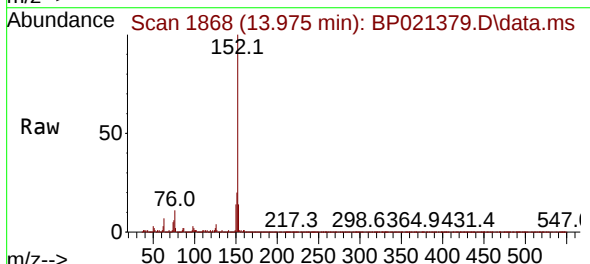
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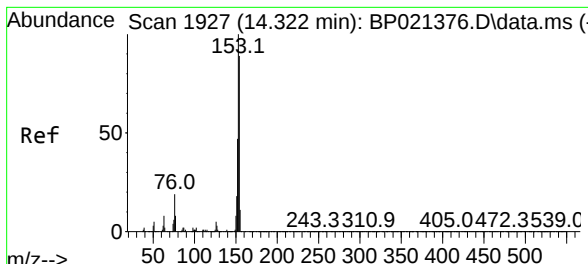
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#50
Acenaphthylene
Concen: 20.767 ng/ul
RT: 13.975 min Scan# 1868
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

Tgt Ion:152 Resp: 1337557
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.7 10.3 15.5





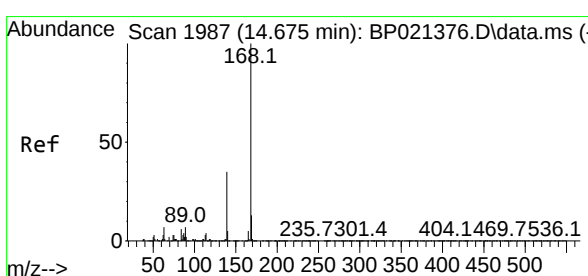
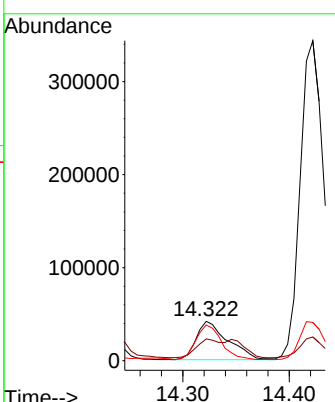
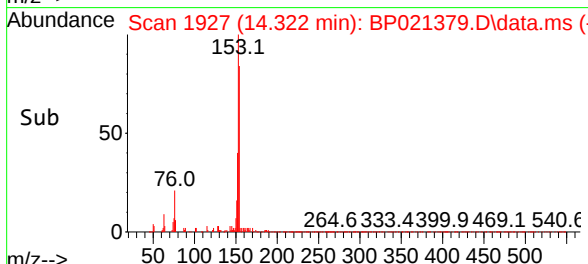
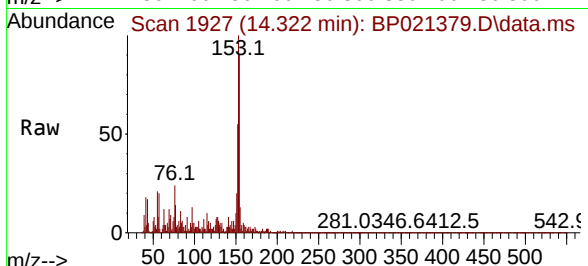
#52
Acenaphthene
Concen: 1.989 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

Instrument : BNA_P
ClientSampleId : F7E00

Tgt Ion:	153	Resp:	85049
Ion Ratio	Lower	Upper	
153	100		
152	55.1	37.8	56.6
154	90.3	71.8	107.6

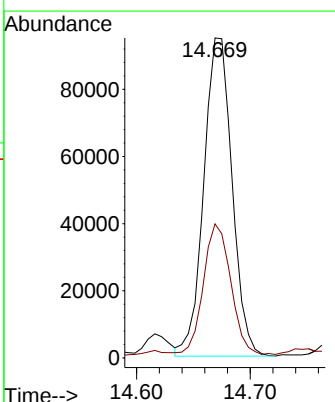
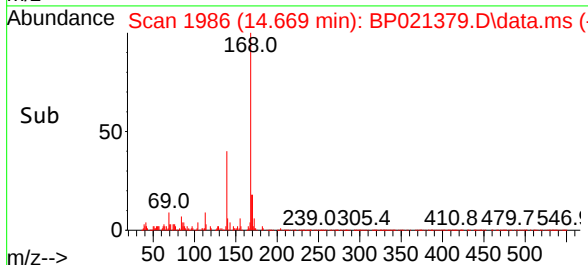
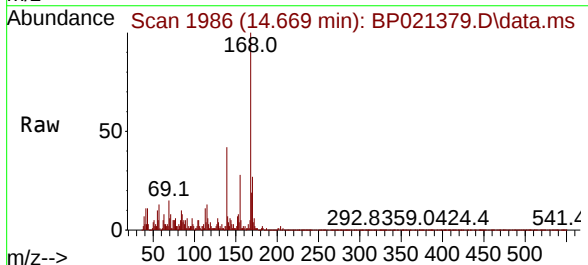
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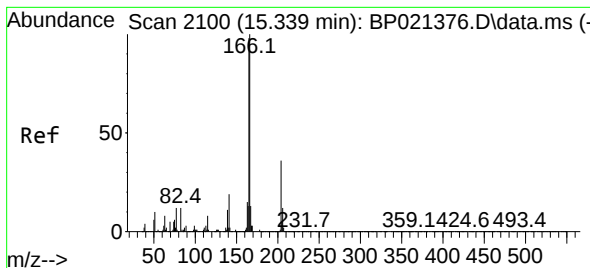
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#56
Dibenzofuran
Concen: 2.804 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

Tgt Ion:	168	Resp:	164144
Ion Ratio	Lower	Upper	
168	100		
139	41.9	31.1	46.7





#61

Fluorene

Concen: 12.294 ng/ul

RT: 15.328 min Scan# 2098

Delta R.T. -0.017 min

Lab File: BP021379.D

Acq: 05 Aug 2024 20:06

Instrument :

BNA_P

ClientSampleId :

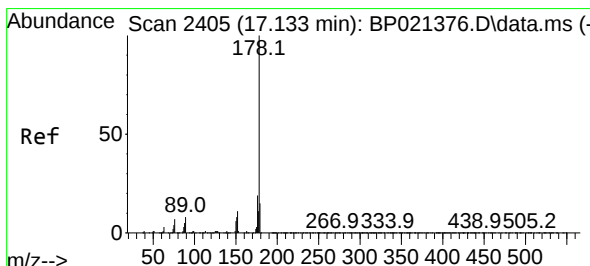
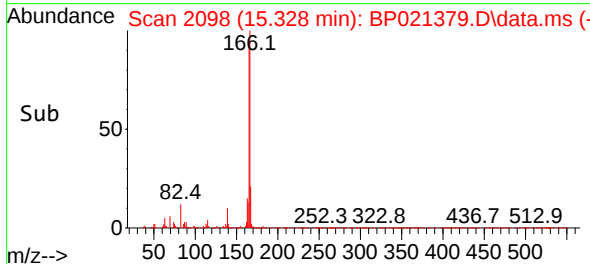
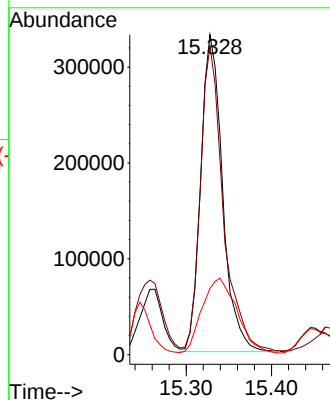
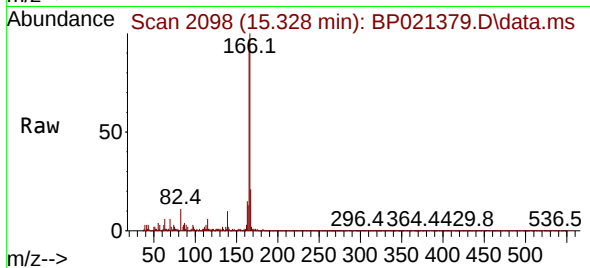
F7E00

Tgt Ion:166	Resp: 587279
Ion Ratio	Lower Upper
166	100
165	96.6 78.1 117.1
167	20.7 10.9 16.3

Manual Integrations

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#72

Phenanthrene

Concen: 4.024 ng/ul m

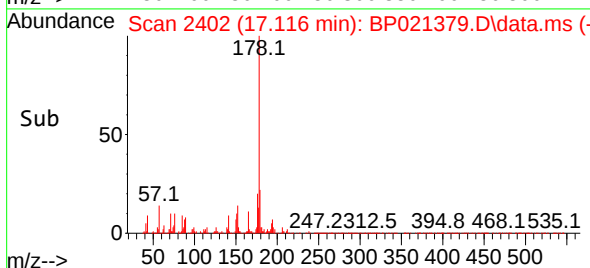
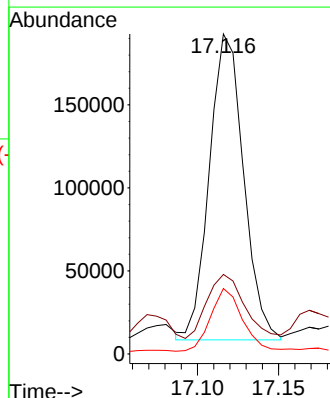
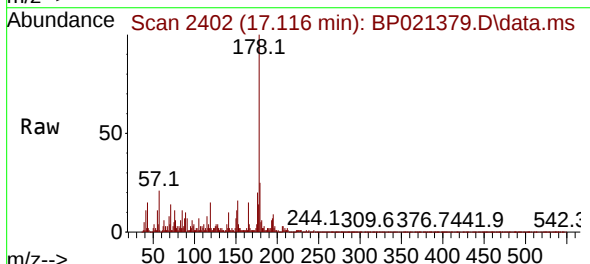
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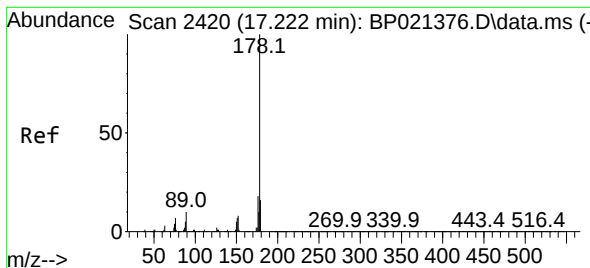
Delta R.T. -0.017 min

Lab File: BP021379.D

Acq: 05 Aug 2024 20:06

Tgt Ion:178	Resp: 270768
Ion Ratio	Lower Upper
178	100
179	24.9 12.2 18.4
176	20.4 15.0 22.4





#74

Anthracene

Concen: 13.833 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021379.D

Acq: 05 Aug 2024 20:06

Instrument :

BNA_P

ClientSampleId :

F7E00

Tgt Ion:178 Resp: 948864

Ion Ratio Lower Upper

178 100

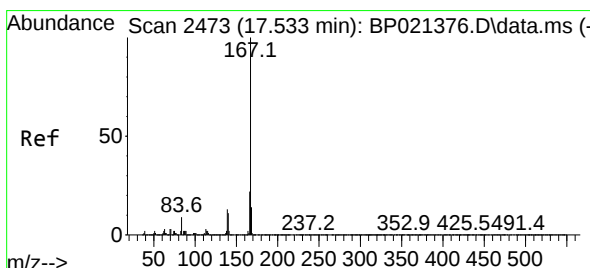
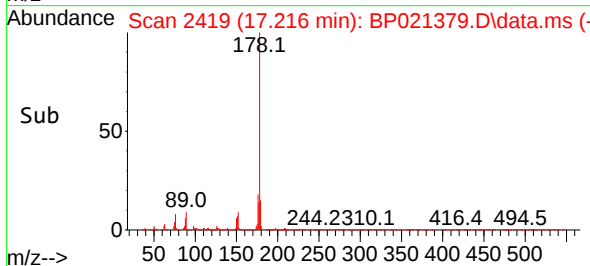
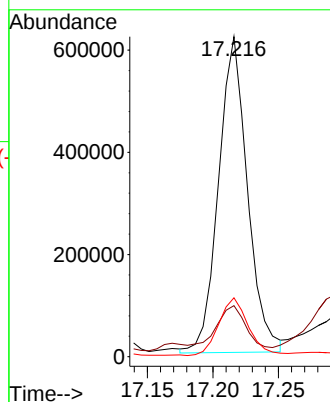
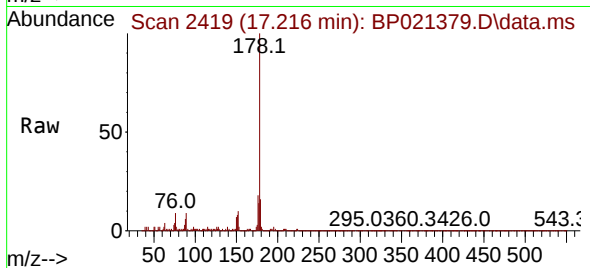
179 15.9 12.5 18.7

176 18.4 14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 08/07/2024



#77

Carbazole

Concen: 1.713 ng/ul

RT: 17.516 min Scan# 2470

Delta R.T. -0.005 min

Lab File: BP021379.D

Acq: 05 Aug 2024 20:06

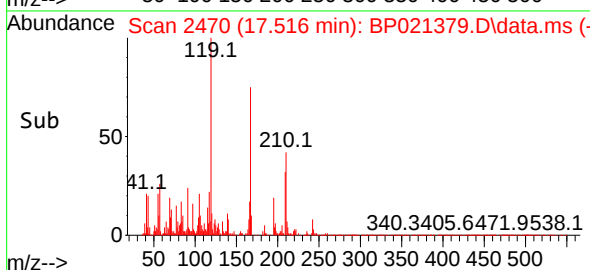
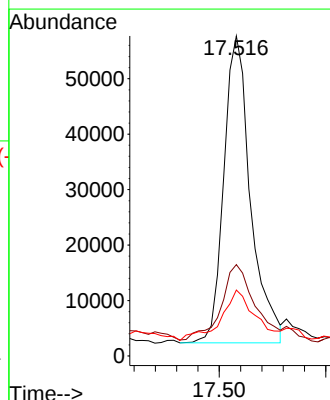
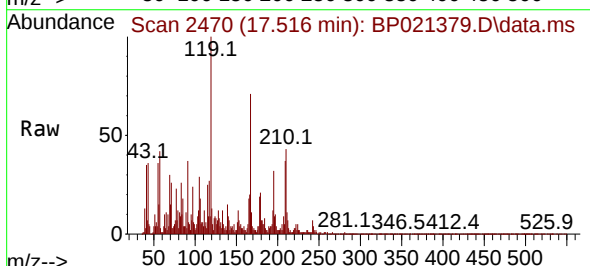
Tgt Ion:167 Resp: 96066

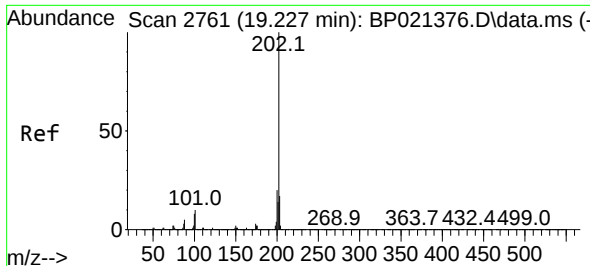
Ion Ratio Lower Upper

167 100

166 28.6 17.3 25.9#

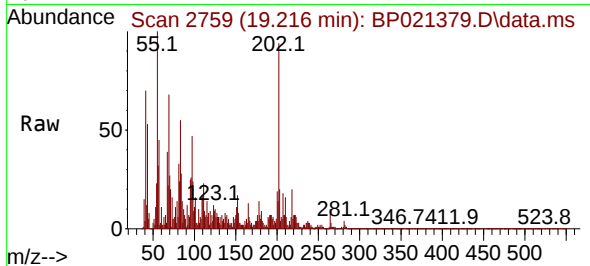
139 20.6 10.2 15.2#





#80
Fluoranthene
Concen: 2.841 ng/ul m
RT: 19.216 min Scan# 2759
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

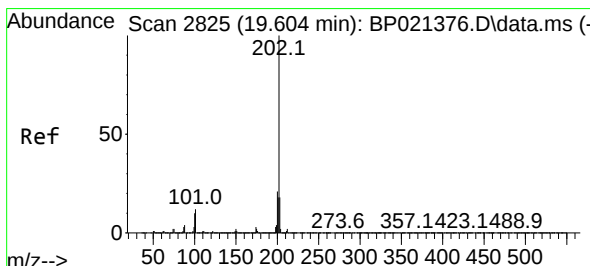
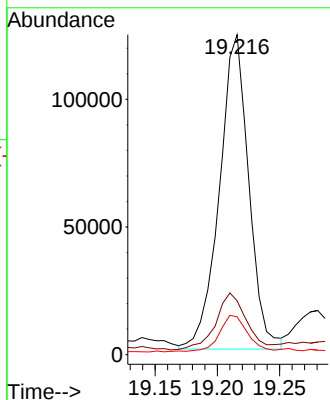
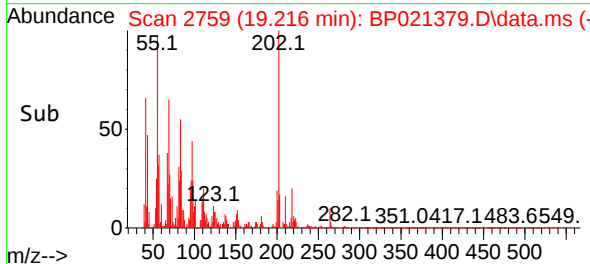
Instrument :
BNA_P
ClientSampleId :
F7E00



Tgt Ion:202 Resp: 202140
Ion Ratio Lower Upper
202 100
101 16.9 8.0 12.0
100 11.8 6.1 9.1

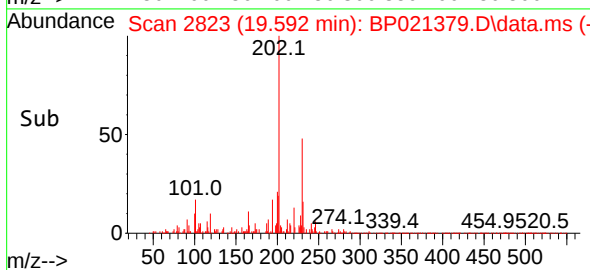
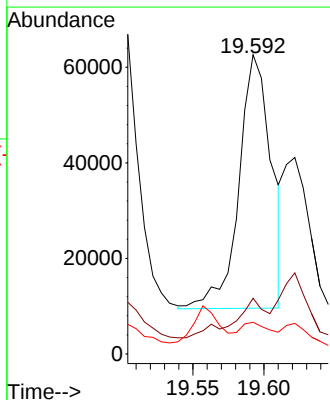
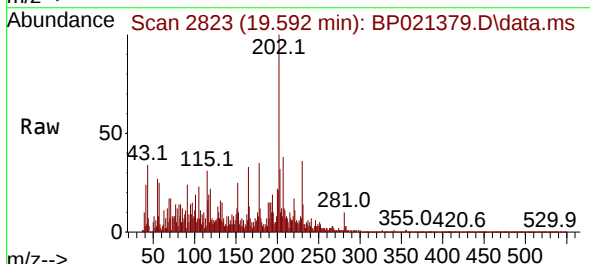
Manual Integrations
APPROVED

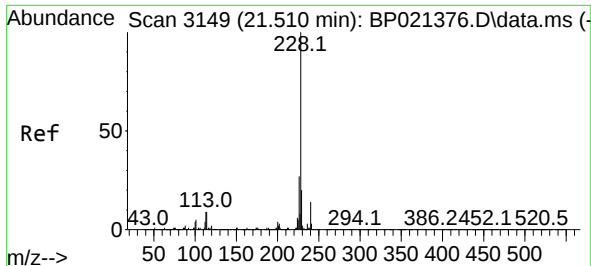
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#82
Pyrene
Concen: 1.162 ng/ul
RT: 19.592 min Scan# 2823
Delta R.T. -0.017 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

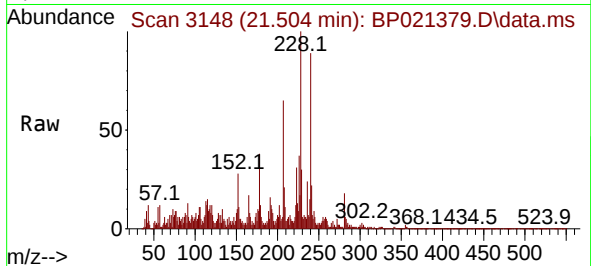
Tgt Ion:202 Resp: 84100
Ion Ratio Lower Upper
202 100
101 18.6 9.4 14.2
100 10.6 7.8 11.6





#85
Benzo(a)anthracene
Concen: 2.959 ng/ul
RT: 21.504 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BP021379.D
Acq: 05 Aug 2024 20:06

Instrument :
BNA_P
ClientSampleId :
F7E00



Tgt Ion:228 Resp: 19753
Ion Ratio Lower Upper
228 100
229 30.4 15.5 23.3
226 37.1 21.4 32.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

