

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010412.D
 Acq On : 19 May 2022 20:38
 Operator : CG/JU
 Sample : N2918-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTE1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

Quant Time: May 20 00:46:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	155806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	680305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	461895	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1006372	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	1000422	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	868800	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	16583	4.537	ng/uL	0.00
4) Pyridine-d5	3.769	84	79924	7.701	ng/u1	0.00
7) Phenol-d5	7.058	99	88727	6.785	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	321377	36.578	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	273044	27.287	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	185528	16.694	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	199681	37.925	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	211872	37.971	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	339983	32.224	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	402190m	25.638	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1345473	39.537	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1497338	38.145	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	37136	6.131	ng/u1	0.00
60) Fluorene-d10	15.522	176	1157811	39.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	259200	44.039	ng/u1	0.00
73) Anthracene-d10	17.381	188	1921069	42.156	ng/u1	0.00
81) Pyrene-d10	19.610	212	2287154	43.049	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1912672	43.843	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.757	128	33829572m	952.050	ng/u1	
36) 2-Methylnaphthalene	12.357	142	3954494	157.202	ng/u1	92
37) 1-Methylnaphthalene	12.581	142	4393638	172.985	ng/u1#	95
43) 1,1'-Biphenyl	13.363	154	2120107	62.534	ng/u1#	93
50) Acenaphthylene	14.245	152	356499	8.395	ng/u1	93
52) Acenaphthene	14.604	153	7608317	274.650	ng/u1	97
56) Dibenzofuran	14.934	168	6444844	158.751	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	27108	3.213	ng/u1#	86
61) Fluorene	15.581	166	4250778	128.037	ng/u1	91
71) Pentachlorophenol	16.934	266	318943	42.638	ng/u1#	85
72) Phenanthrene	17.328	178	7229585	134.609	ng/u1	98
74) Anthracene	17.416	178	469149	8.707	ng/u1	98
77) Carbazole	17.698	167	10078914	212.854	ng/u1#	94
80) Fluoranthene	19.286	202	782684	12.677	ng/u1	97
82) Pyrene	19.639	202	411670	6.389	ng/u1	96

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

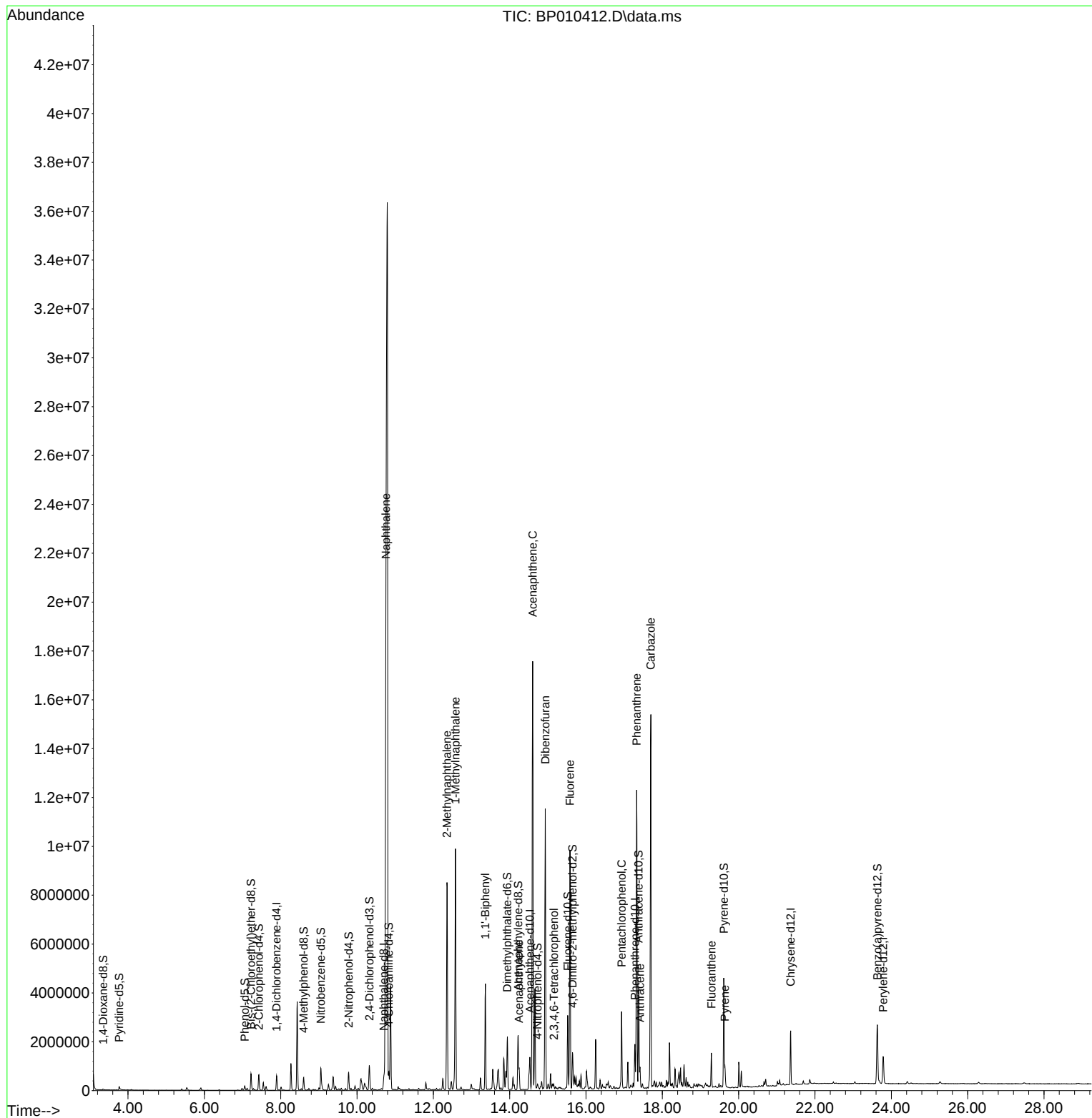
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
Data File : BP010412.D
Acq On : 19 May 2022 20:38
Operator : CG/JU
Sample : N2918-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

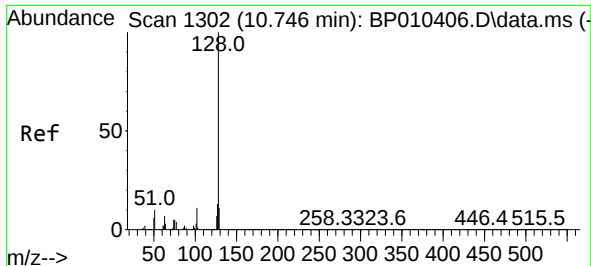
Instrument :
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ClientSampleId :
DBTE1

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Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022

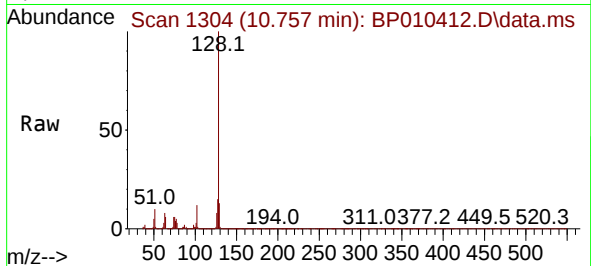
Quant Time: May 20 00:46:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 952.050 ng/ul m
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

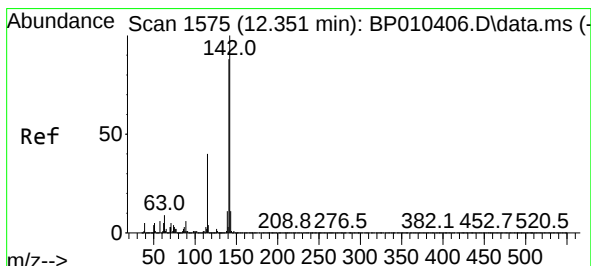
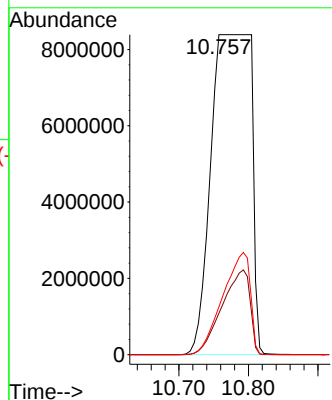
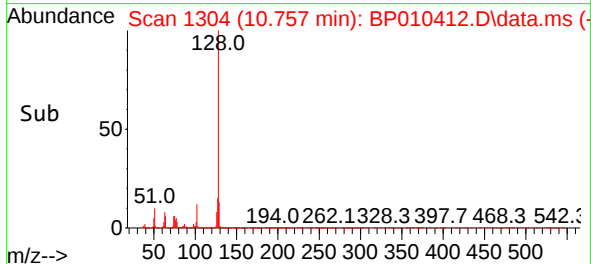
Instrument :
BNA_P
ClientSampleId :
DBTE1



Tgt Ion:128 Resp:3382957
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 14.9 12.2 18.4

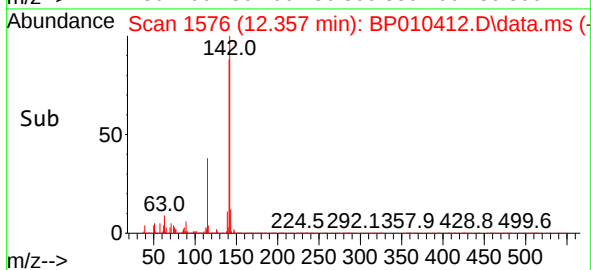
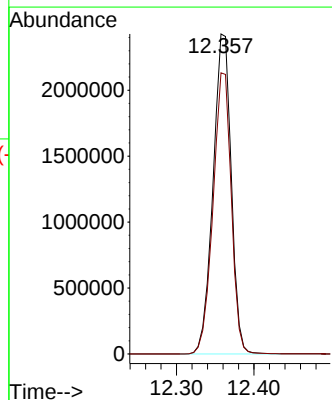
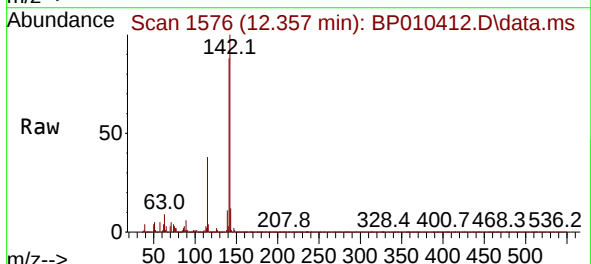
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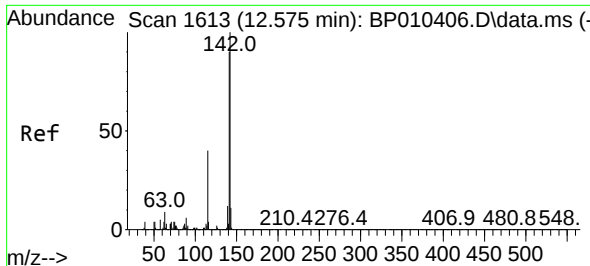
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022



#36
2-Methylnaphthalene
Concen: 157.202 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

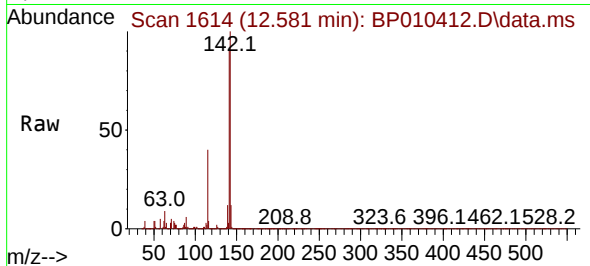
Tgt Ion:142 Resp: 3954494
Ion Ratio Lower Upper
142 100
141 87.8 64.3 96.5





#37
1-Methylnaphthalene
Concen: 172.985 ng/ul
RT: 12.581 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

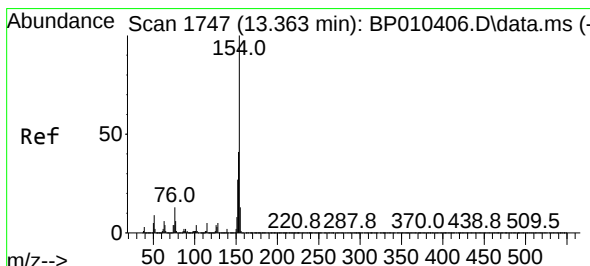
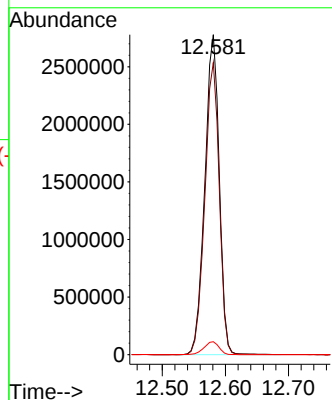
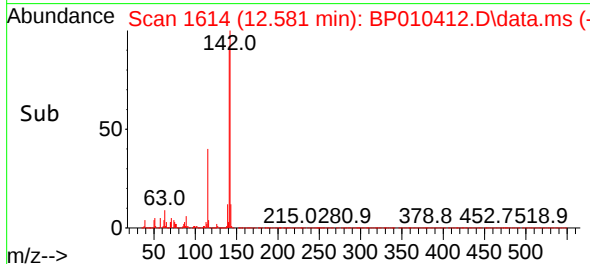
Instrument :
BNA_P
ClientSampleId :
DBTE1



Tgt Ion:142 Resp: 4393638
Ion Ratio Lower Upper
142 100
141 91.3 69.8 104.8
116 4.1 5.6 8.4

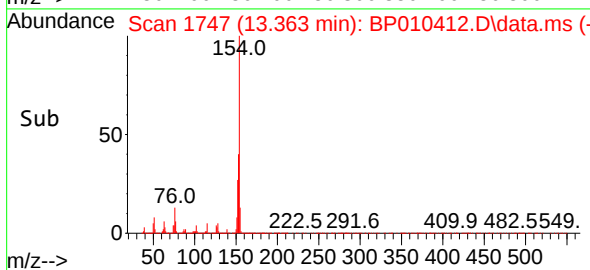
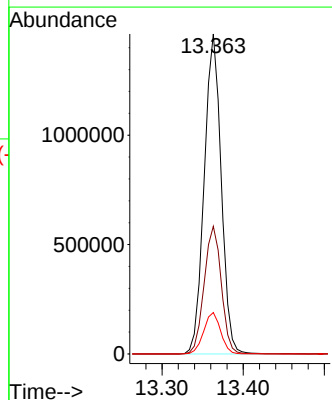
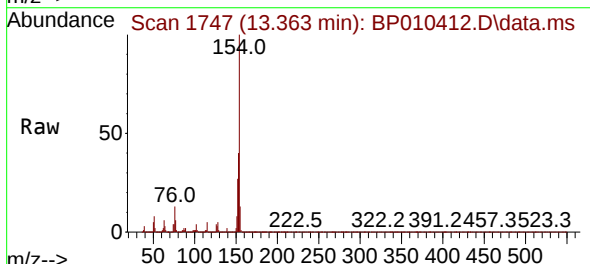
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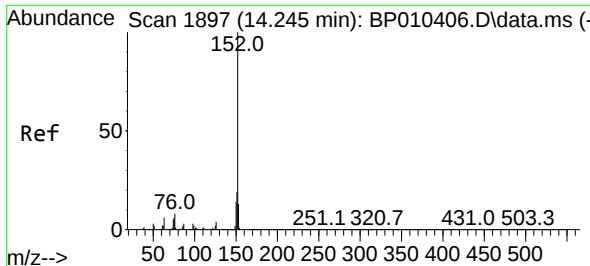
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022



#43
1,1'-Biphenyl
Concen: 62.534 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

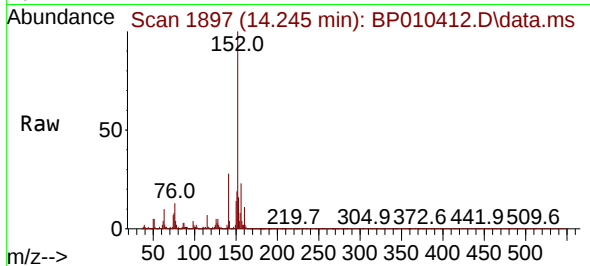
Tgt Ion:154 Resp: 2120107
Ion Ratio Lower Upper
154 100
153 39.9 28.6 43.0
76 12.9 8.5 12.7





#50
Acenaphthylene
Concen: 8.395 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

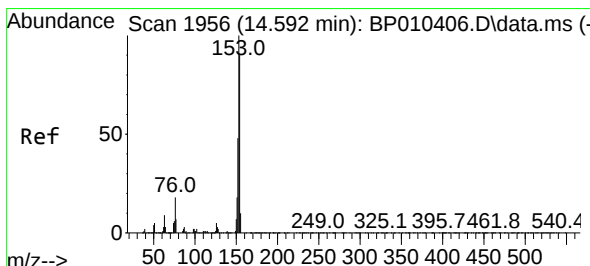
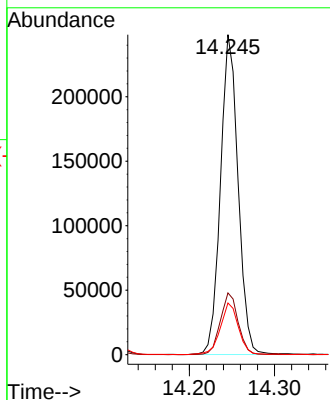
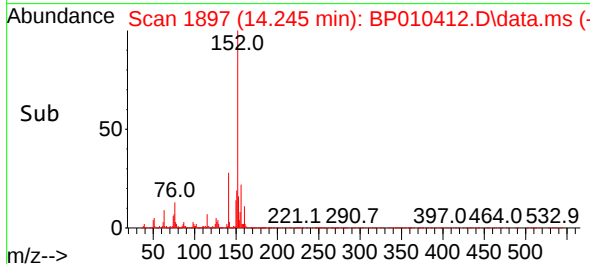
Instrument :
BNA_P
ClientSampleId :
DBTE1



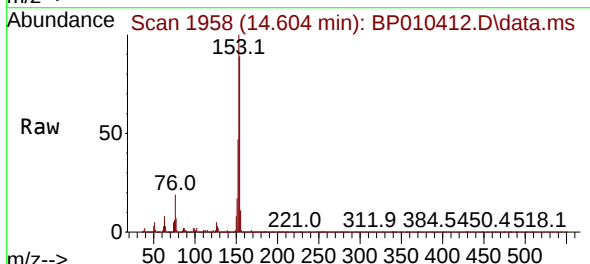
Tgt Ion:152 Resp: 356499
Ion Ratio Lower Upper
152 100
151 19.3 18.3 27.5
153 16.1 11.0 16.6

Manual Integrations
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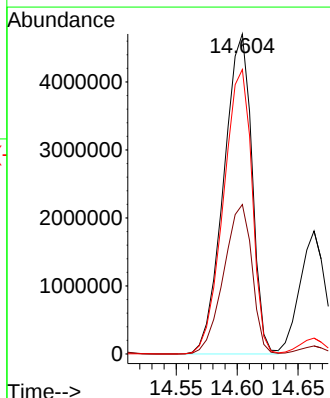
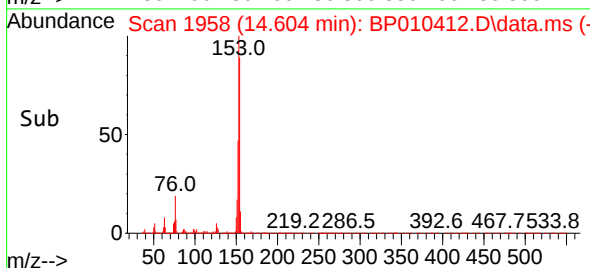
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022

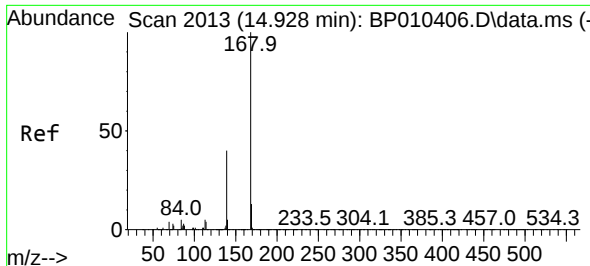


#52
Acenaphthene
Concen: 274.650 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38



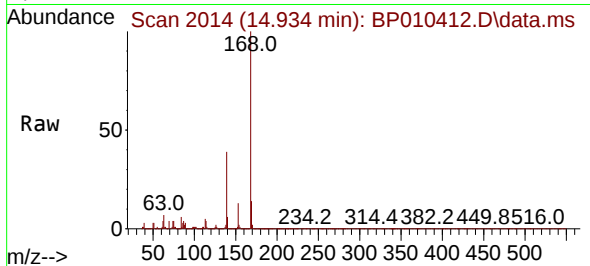
Tgt Ion:153 Resp: 7608317
Ion Ratio Lower Upper
153 100
152 46.7 34.3 51.5
154 88.9 70.0 105.0





#56
Dibenzofuran
Concen: 158.751 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

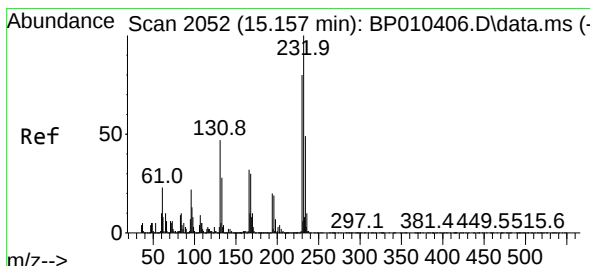
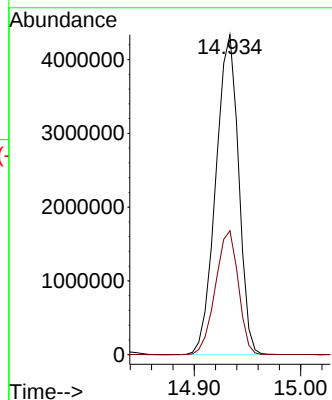
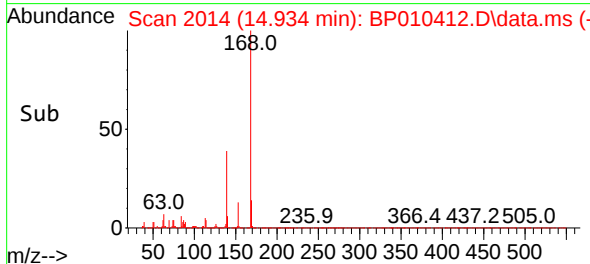
Instrument :
BNA_P
ClientSampleId :
DBTE1



Tgt Ion:168 Resp: 644484
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1

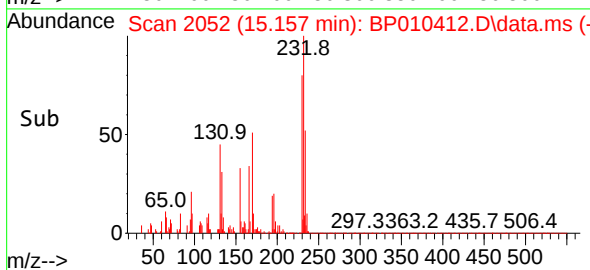
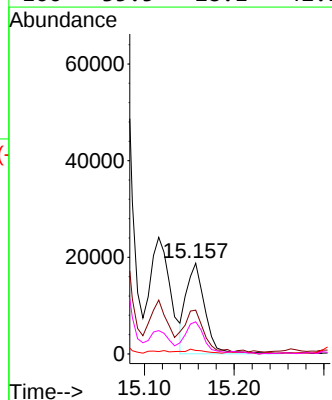
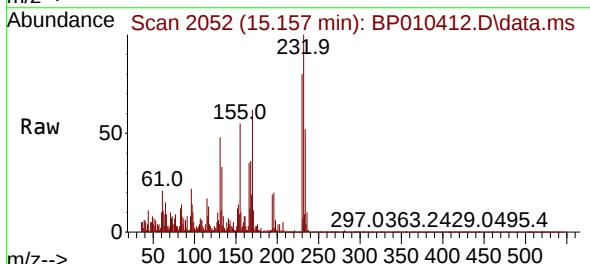
Manual Integrations
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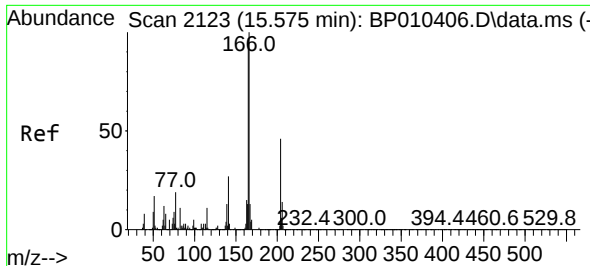
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.213 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

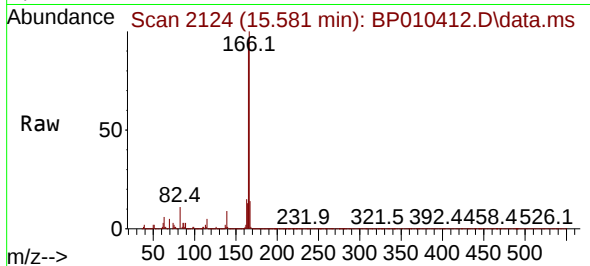
Tgt Ion:232 Resp: 27108
Ion Ratio Lower Upper
232 100
131 48.4 25.4 38.2#
130 3.8 4.2 6.2#
166 35.5 28.1 42.1





#61
Fluorene
Concen: 128.037 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

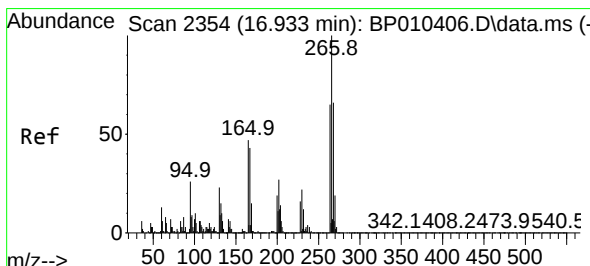
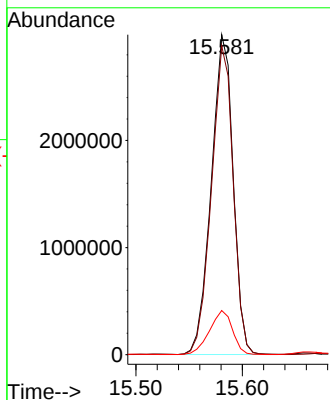
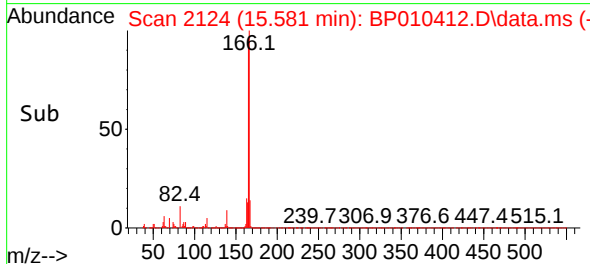
Instrument :
BNA_P
ClientSampleId :
DBTE1



Tgt Ion:166 Resp: 4250778
Ion Ratio Lower Upper
166 100
165 96.5 70.3 105.5
167 13.8 9.5 14.3

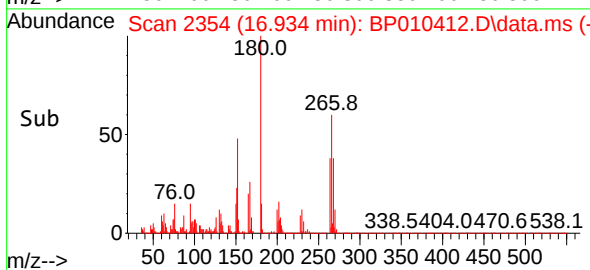
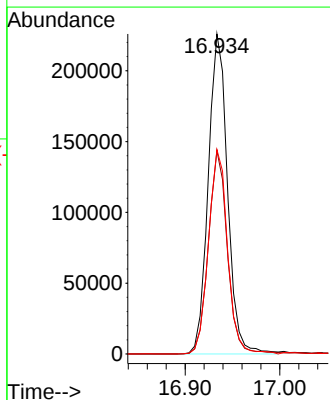
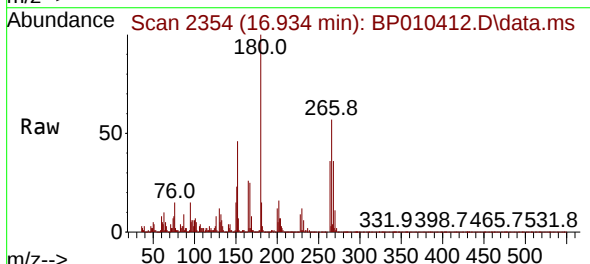
Manual Integrations
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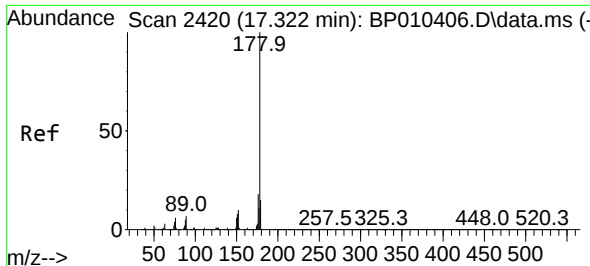
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022



#71
Pentachlorophenol
Concen: 42.638 ng/ul
RT: 16.934 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

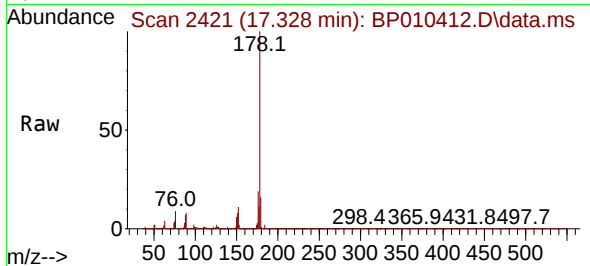
Tgt Ion:266 Resp: 318943
Ion Ratio Lower Upper
266 100
264 63.5 57.3 85.9
268 63.9 65.7 98.5#





#72
Phenanthrene
Concen: 134.609 ng/u1
RT: 17.328 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

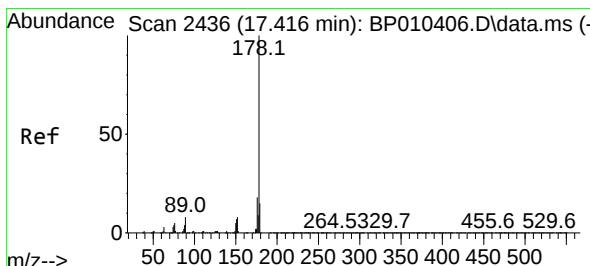
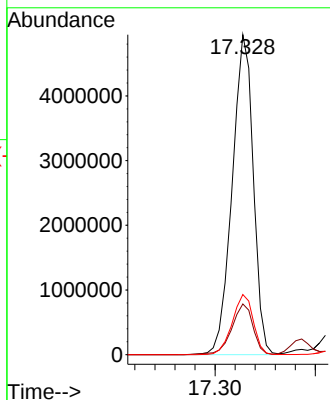
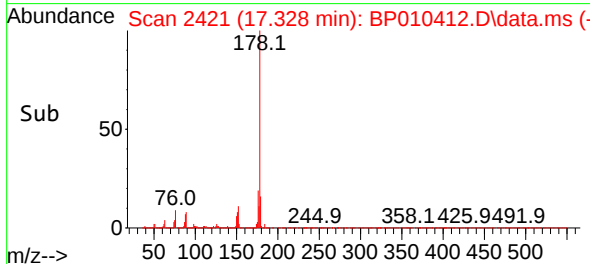
Instrument :
BNA_P
ClientSampleId :
DBTE1



Tgt Ion:178 Resp: 722958
Ion Ratio Lower Upper
178 100
179 15.9 11.7 17.5
176 18.8 14.5 21.7

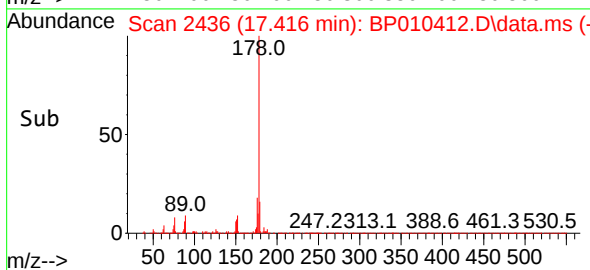
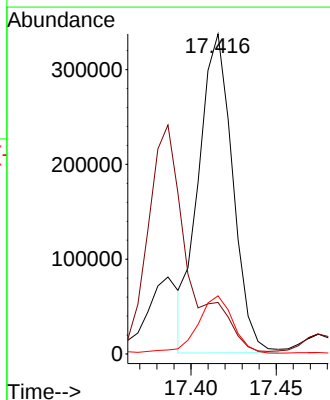
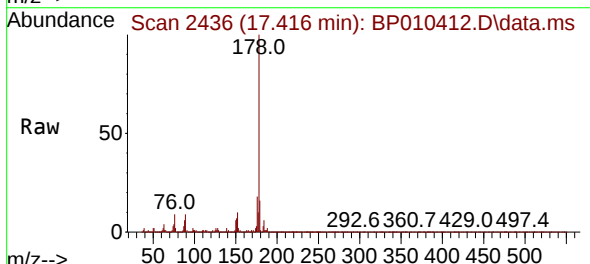
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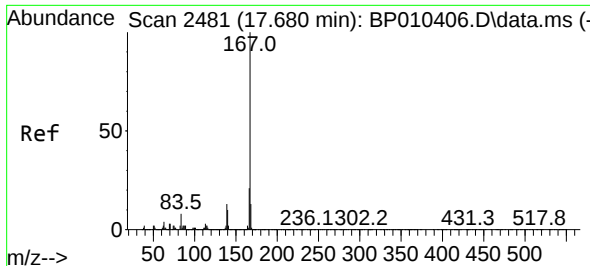
Reviewed By :Jagrut Upadhyay 05/20/2022
Supervised By :Yogesh Patel 05/24/2022



#74
Anthracene
Concen: 8.707 ng/u1
RT: 17.416 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP010412.D
Acq: 19 May 2022 20:38

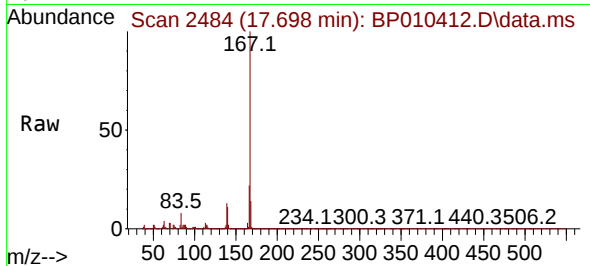
Tgt Ion:178 Resp: 469149
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 18.2 13.4 20.2





#77
 Carbazole
 Concen: 212.854 ng/ul
 RT: 17.698 min Scan# 2481
 Delta R.T. 0.012 min
 Lab File: BP010412.D
 Acq: 19 May 2022 20:38

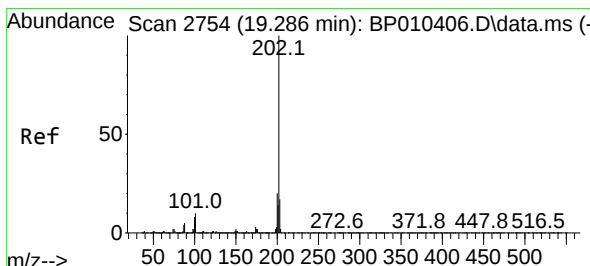
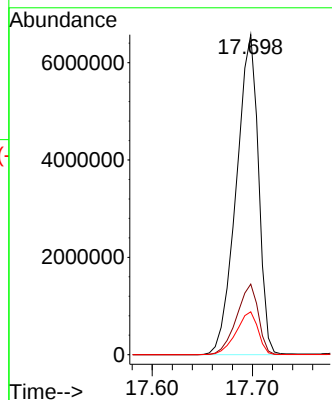
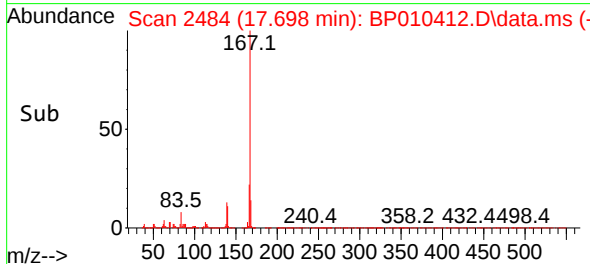
Instrument :
 BNA_P
 ClientSampleId :
 DBTE1



Tgt Ion:167 Resp:10078914
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.8 23.8
 139 13.4 8.3 12.5

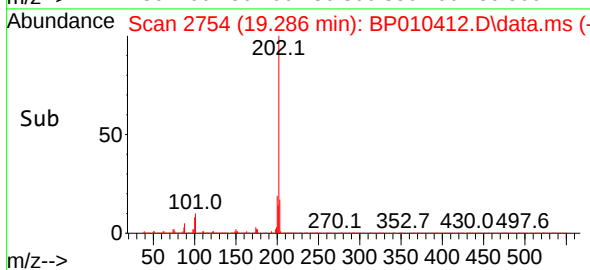
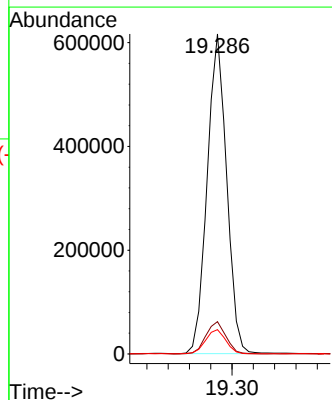
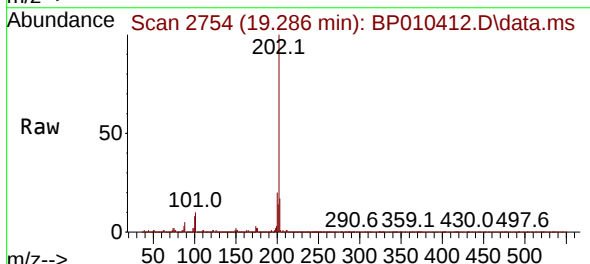
Manual Integrations
 APPROVED

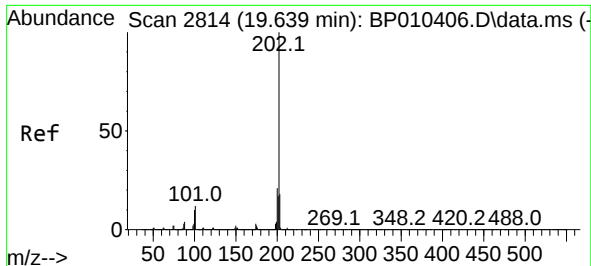
Reviewed By :Jagrut Upadhyay 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022



#80
 Fluoranthene
 Concen: 12.677 ng/ul
 RT: 19.286 min Scan# 2754
 Delta R.T. 0.000 min
 Lab File: BP010412.D
 Acq: 19 May 2022 20:38

Tgt Ion:202 Resp: 782684
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.6 14.4
 100 7.6 6.3 9.5





#82

Pyrene

Concen: 6.389 ng/ul

RT: 19.639 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP010412.D

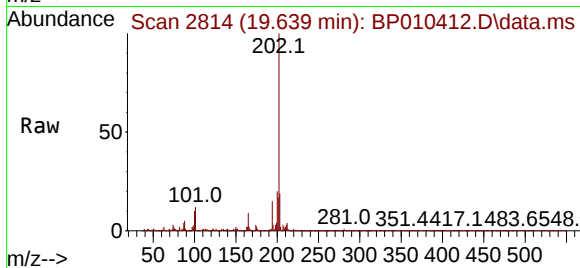
Acq: 19 May 2022 20:38

Instrument :

BNA_P

ClientSampleId :

DBTE1



Tgt Ion: 202 Resp: 411670

Ion Ratio Lower Upper

202 100

101 11.9 10.6 15.8

100 10.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2022

Supervised By :Yogesh Patel 05/24/2022

