

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010475.D
 Acq On : 23 May 2022 14:06
 Operator : CG/JU
 Sample : N2918-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTH0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 23 23:19:07 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	159826	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	701239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	453779	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	967869	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	935046	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	789983	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	15178m	4.048	ng/uL	0.00
4) Pyridine-d5	3.770	84	104896	9.853	ng/u1	0.00
7) Phenol-d5	7.064	99	92677	6.909	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	331461	36.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	290718	28.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	200053	17.548	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	210477	38.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	217776	37.864	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	357872	32.907	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	414706	25.647	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1336959	39.989	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1491794	38.684	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	39539m	6.644	ng/u1	0.00
60) Fluorene-d10	15.522	176	1149305	39.514	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	227989	40.277	ng/u1	0.00
73) Anthracene-d10	17.381	188	1870840	42.687	ng/u1	0.00
81) Pyrene-d10	19.616	212	2264866	45.610	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1718390	43.319	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.905	107	47452m	3.463	ng/u1	
30) Naphthalene	10.757	128	19410949m	529.965	ng/u1	
36) 2-Methylnaphthalene	12.357	142	1330704	51.320	ng/u1	90
37) 1-Methylnaphthalene	12.575	142	738505	28.208	ng/u1#	95
42) 2,4,5-Trichlorophenol	13.040	196	13736	1.425	ng/u1#	80
43) 1,1'-Biphenyl	13.363	154	408492	12.264	ng/u1#	92
50) Acenaphthylene	14.251	152	77981	1.869	ng/u1#	93
52) Acenaphthene	14.593	153	1130489	41.539	ng/u1	97
56) Dibenzofuran	14.928	168	1486409	37.268	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	15343	1.851	ng/u1#	79
61) Fluorene	15.581	166	939260	28.797	ng/u1	92
71) Pentachlorophenol	16.934	266	48774	6.780	ng/u1#	83
72) Phenanthrene	17.328	178	1334118	25.828	ng/u1	99
74) Anthracene	17.416	178	128699	2.484	ng/u1	96
77) Carbazole	17.692	167	3366594	73.926	ng/u1#	95

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

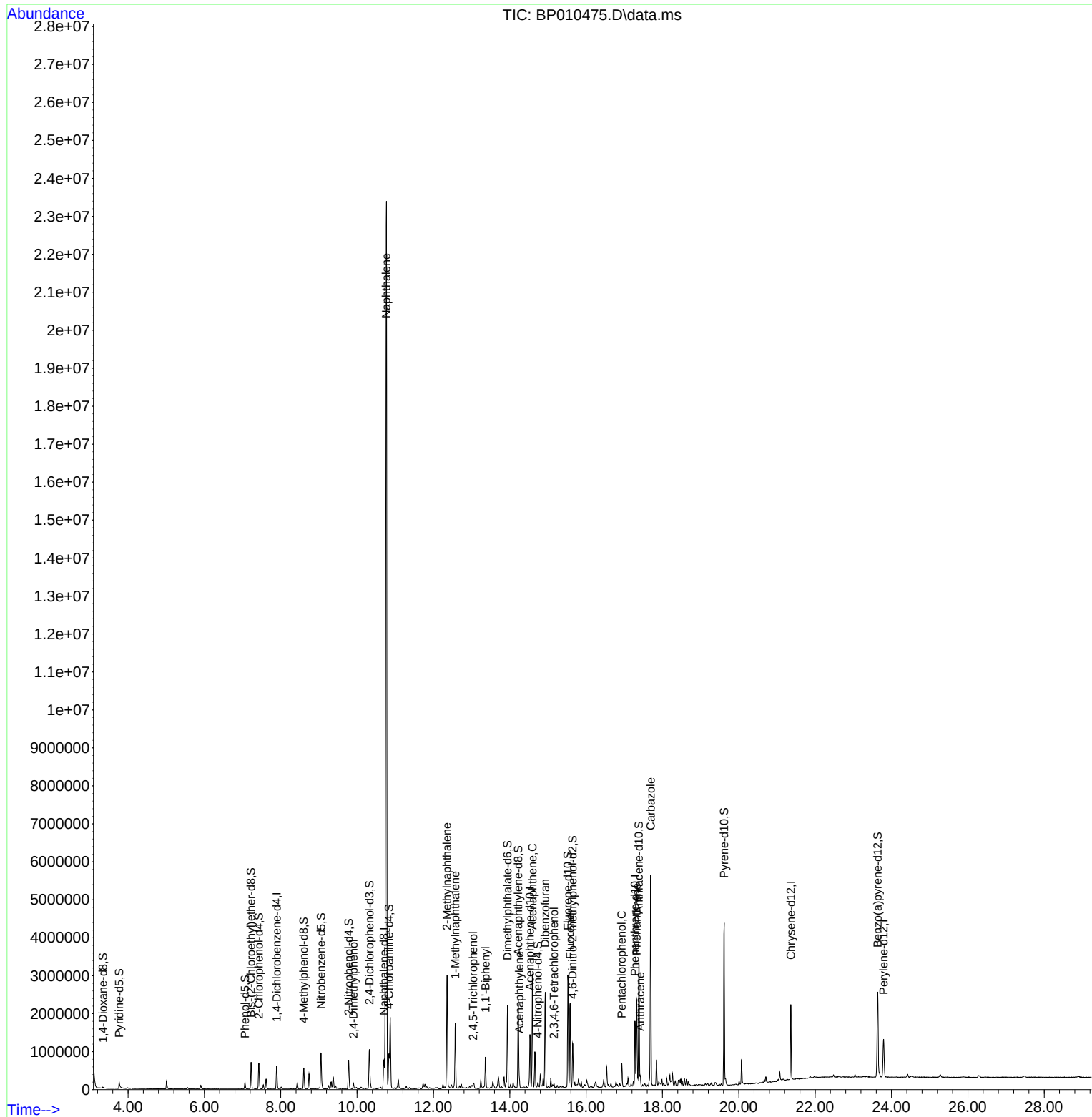
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010475.D
Acq On : 23 May 2022 14:06
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

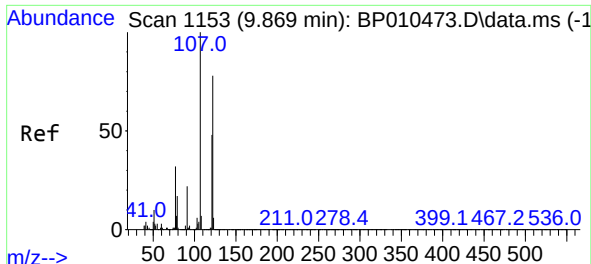
Instrument :
BNA_P
ClientSampleId :
DBTH0

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Supervised By :Yogesh Patel 05/26/2022

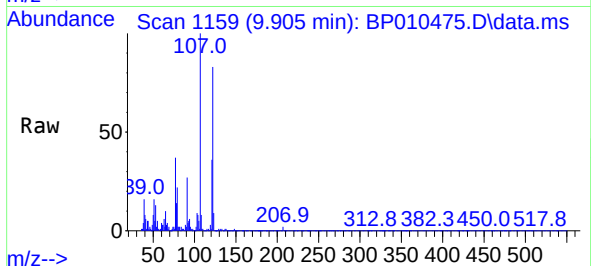
Quant Time: May 23 23:19:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 3.463 ng/ul m
RT: 9.905 min Scan# 1153
Delta R.T. 0.030 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

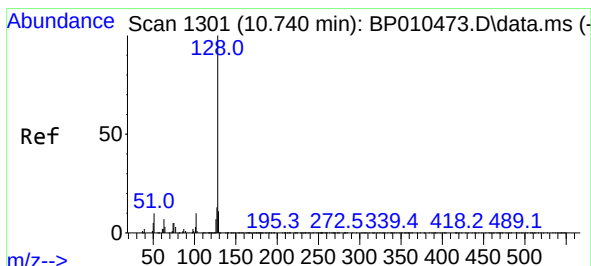
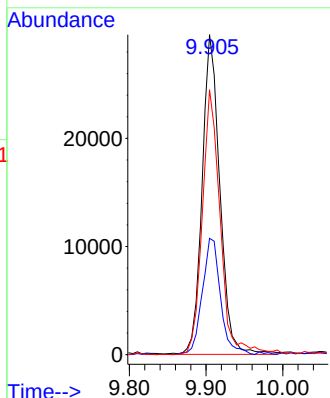
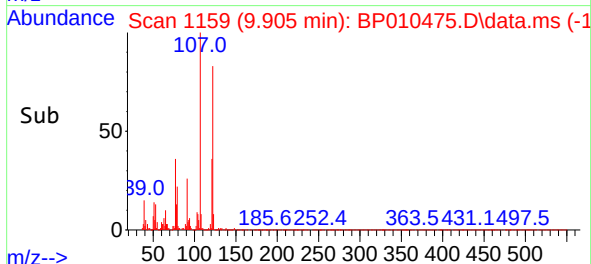
Instrument :
BNA_P
ClientSampleId :
DBTH0



Tgt Ion:107 Resp: 47452
Ion Ratio Lower Upper
107 100
121 36.4 34.1 51.1
122 82.8 46.3 69.5

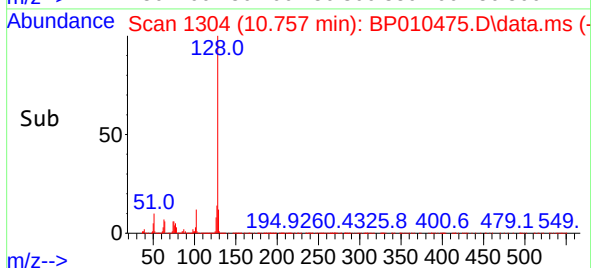
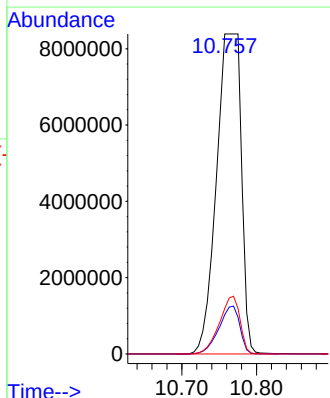
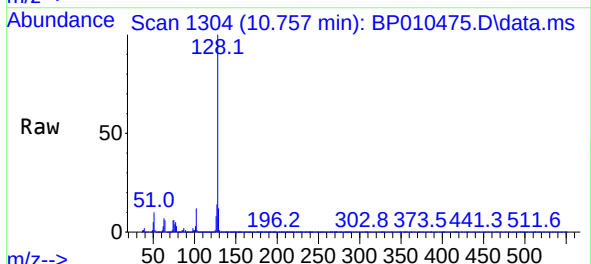
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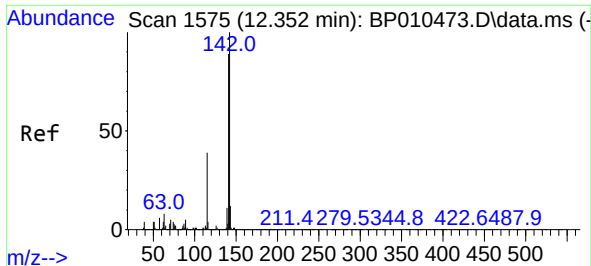
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#30
Naphthalene
Concen: 529.965 ng/ul m
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Tgt Ion:128 Resp:19410949
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 14.2 12.2 18.4





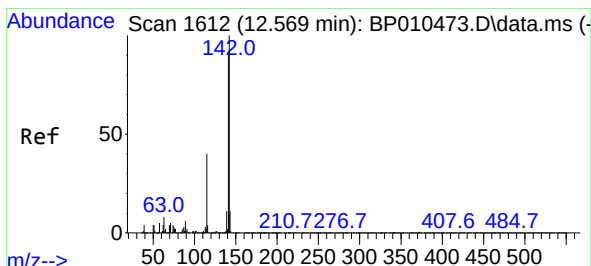
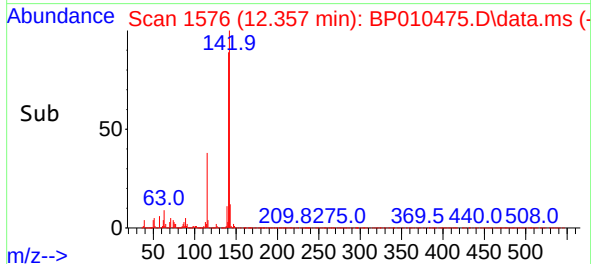
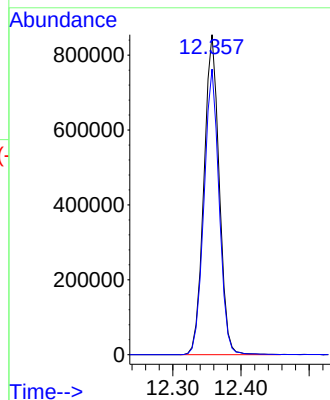
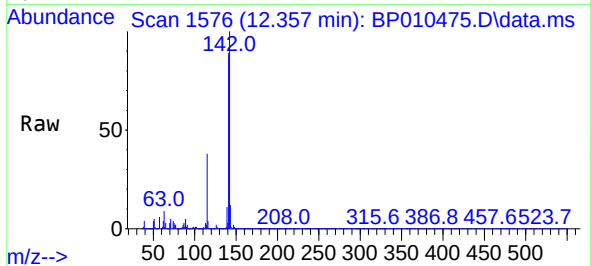
#36
2-Methylnaphthalene
Concen: 51.320 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :
BNA_P
ClientSampleId :
DBTH0

Tgt Ion:142 Resp: 1330704
Ion Ratio Lower Upper
142 100
141 89.2 64.3 96.5

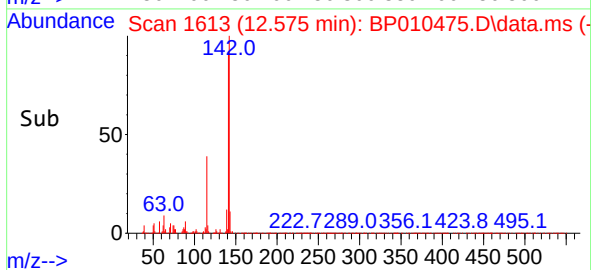
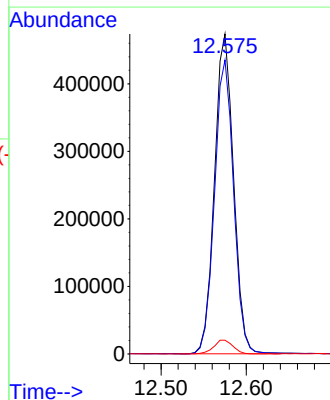
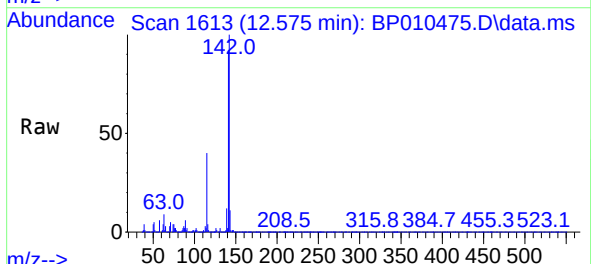
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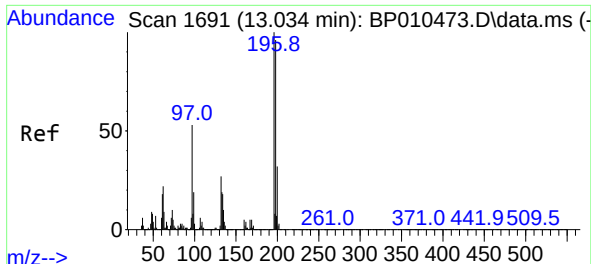
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#37
1-Methylnaphthalene
Concen: 28.208 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Tgt Ion:142 Resp: 738505
Ion Ratio Lower Upper
142 100
141 91.9 69.8 104.8
116 4.3 5.6 8.4





#42
2,4,5-Trichlorophenol
Concen: 1.425 ng/ul
RT: 13.040 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :

BNA_P

ClientSampleId :

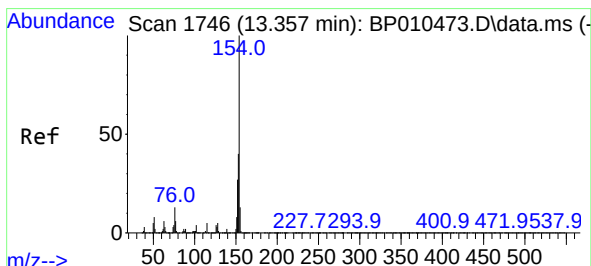
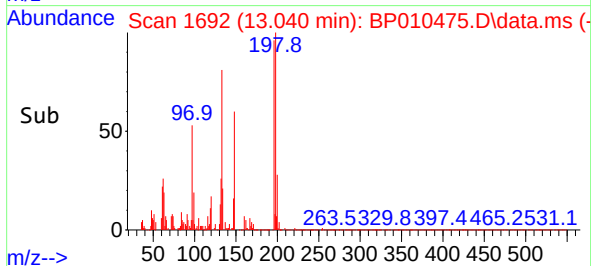
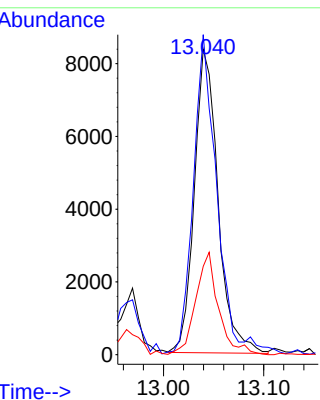
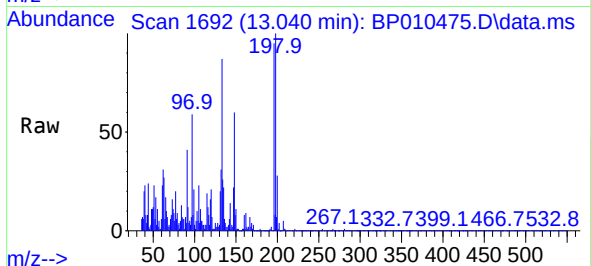
DBTH0

Tgt Ion:196 Resp: 13730
Ion Ratio Lower Upper
196 100
198 104.8 68.6 103.0
200 28.9 32.8 49.2

Manual Integrations

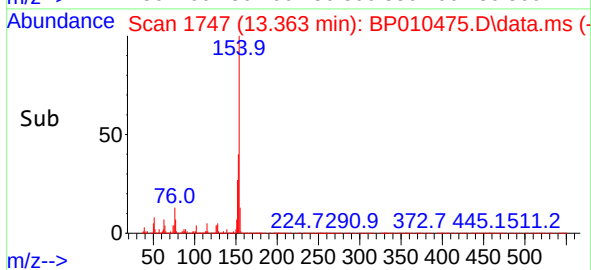
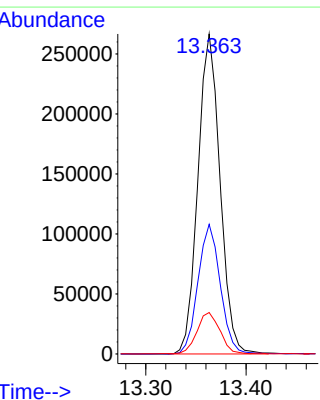
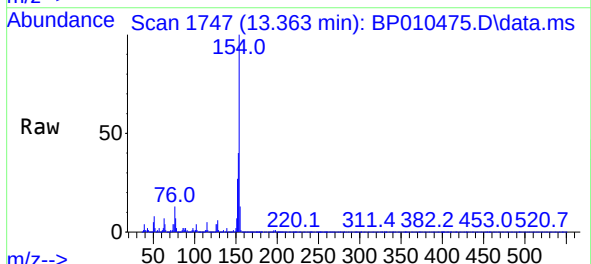
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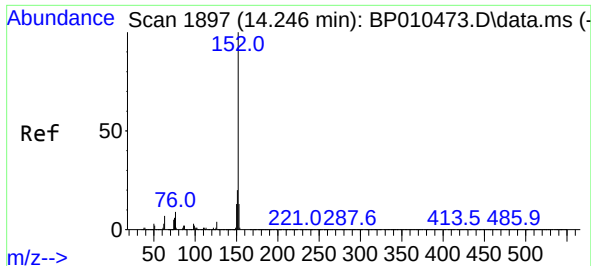
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#43
1,1'-Biphenyl
Concen: 12.264 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Tgt Ion:154 Resp: 408492
Ion Ratio Lower Upper
154 100
153 40.5 28.6 43.0
76 12.9 8.5 12.7





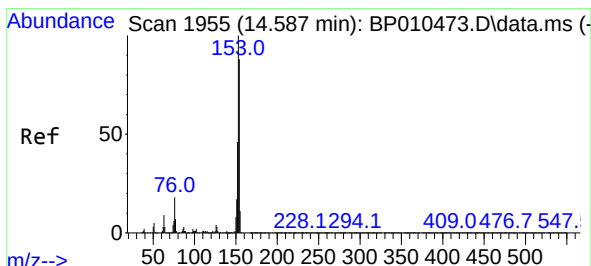
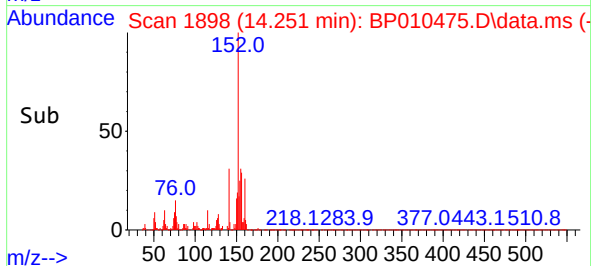
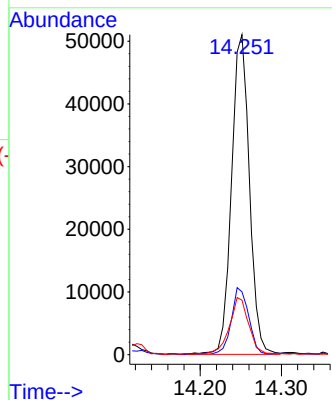
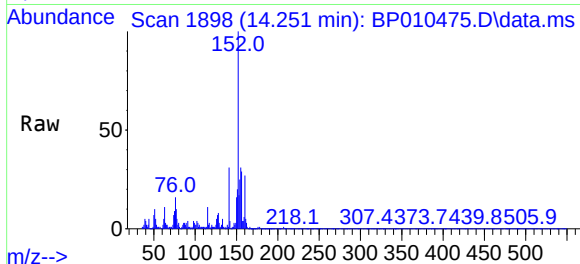
#50
Acenaphthylene
Concen: 1.869 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :
BNA_P
ClientSampleId :
DBTH0

Tgt Ion:152 Resp: 7798
Ion Ratio Lower Upper
152 100
151 19.7 18.3 27.5
153 17.0 11.0 16.6

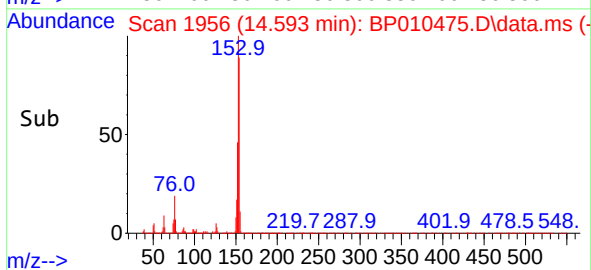
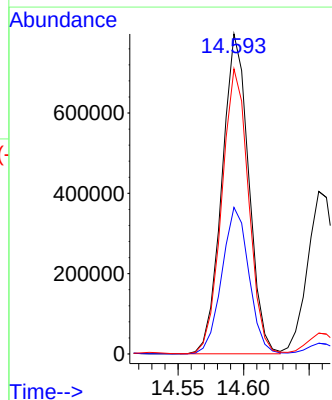
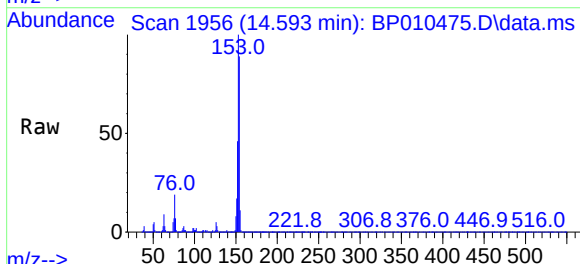
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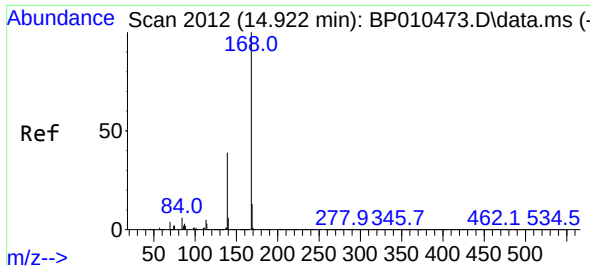
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#52
Acenaphthene
Concen: 41.539 ng/ul
RT: 14.593 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

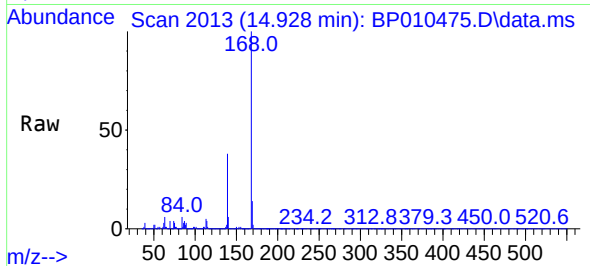
Tgt Ion:153 Resp: 1130489
Ion Ratio Lower Upper
153 100
152 45.8 34.3 51.5
154 89.1 70.0 105.0





#56
Dibenzenofuran
Concen: 37.268 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

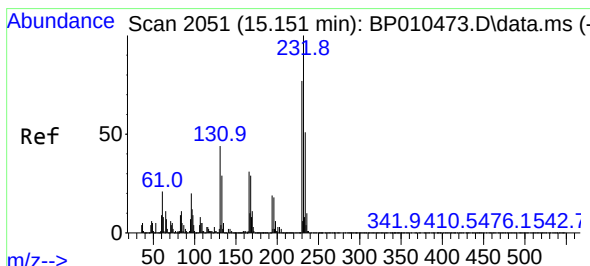
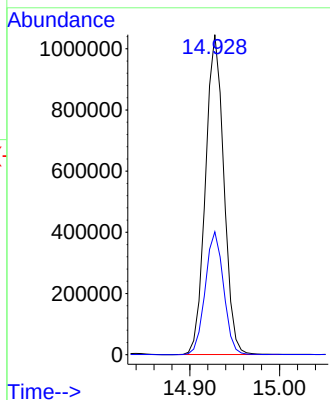
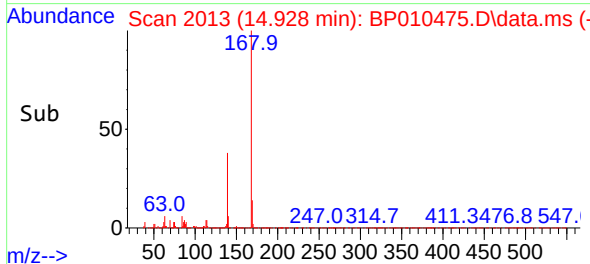
Instrument :
BNA_P
ClientSampleId :
DBTH0



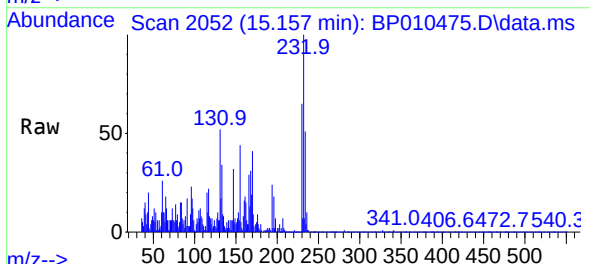
Tgt Ion:168 Resp: 1486409
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1

Manual Integrations
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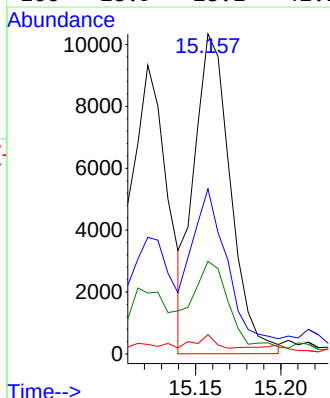
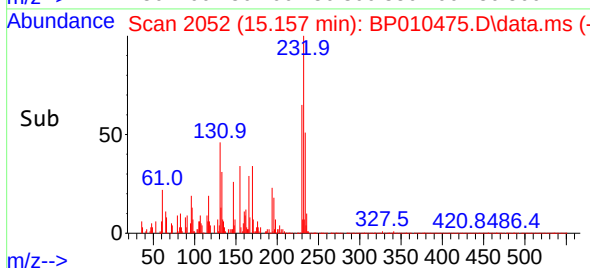
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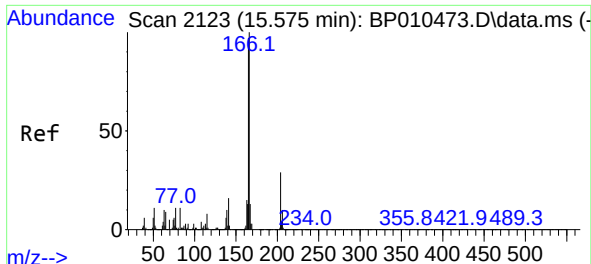


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.851 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06



Tgt Ion:232 Resp: 15343
Ion Ratio Lower Upper
232 100
131 51.6 25.4 38.2#
130 6.0 4.2 6.2
166 28.9 28.1 42.1





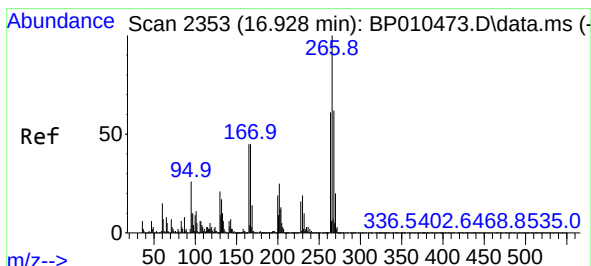
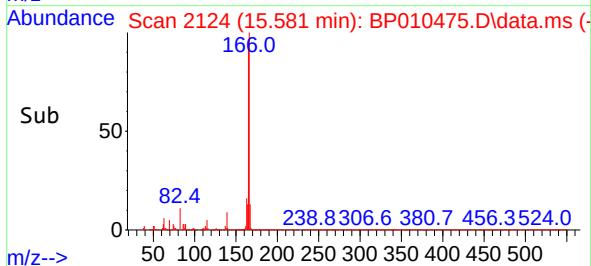
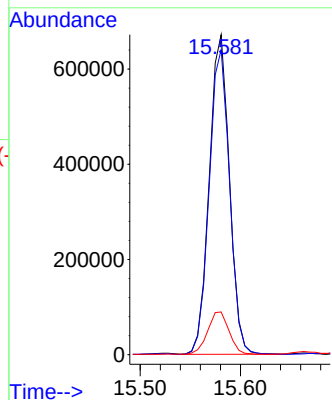
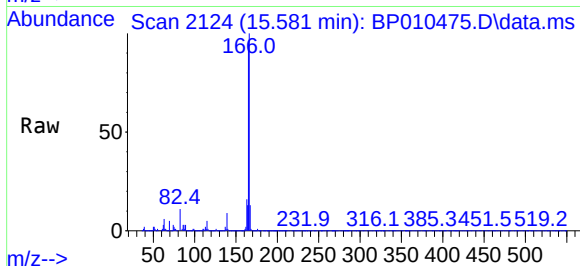
#61
Fluorene
Concen: 28.797 ng/ul
RT: 15.581 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :
BNA_P
Client SampleId :
DBTH0

Tgt Ion:166 Resp: 939260
Ion Ratio Lower Upper
166 100
165 95.3 70.3 105.5
167 13.4 9.5 14.3

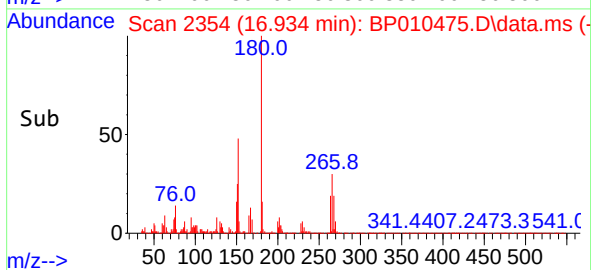
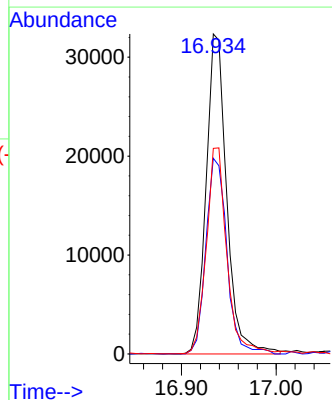
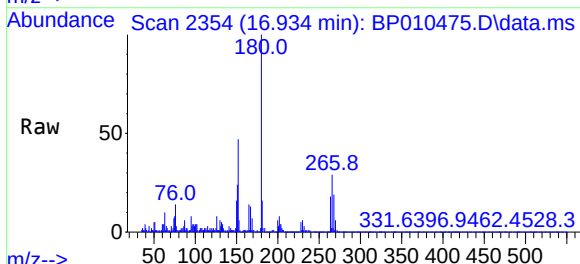
Manual Integrations
APPROVED

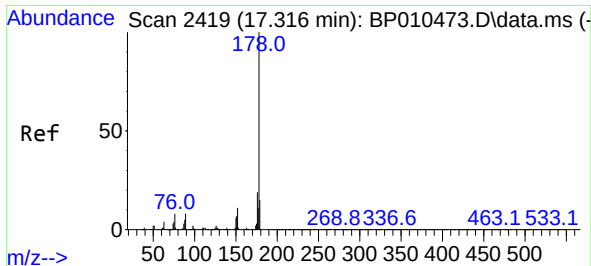
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#71
Pentachlorophenol
Concen: 6.780 ng/ul
RT: 16.934 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Tgt Ion:266 Resp: 48774
Ion Ratio Lower Upper
266 100
264 61.2 57.3 85.9
268 64.2 65.7 98.5#





#72
Phenanthrene
Concen: 25.828 ng/ul
RT: 17.328 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :

BNA_P

ClientSampleId :

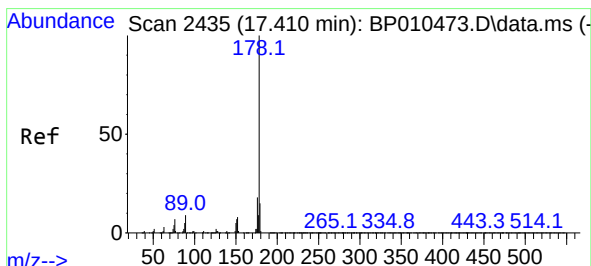
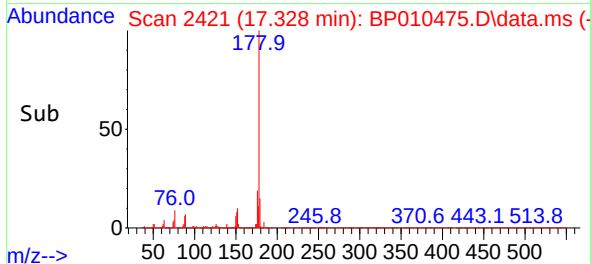
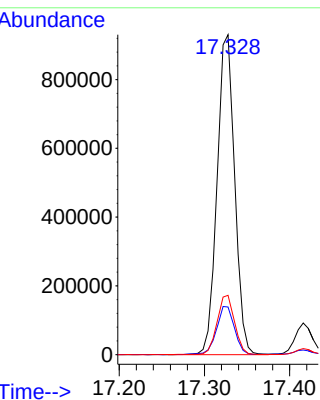
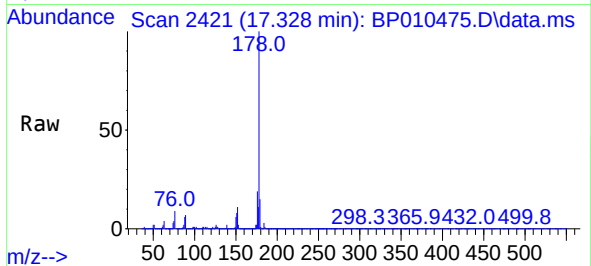
DBTH0

Tgt Ion:178 Resp: 1334118
Ion Ratio Lower Upper
178 100
179 14.9 11.7 17.5
176 18.5 14.5 21.7

Manual Integrations

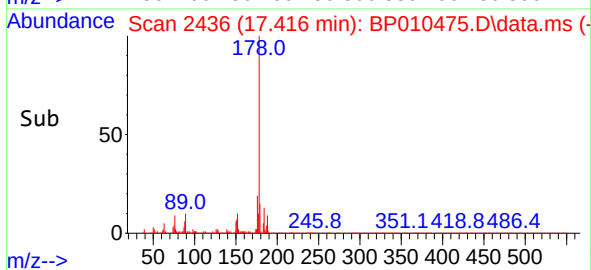
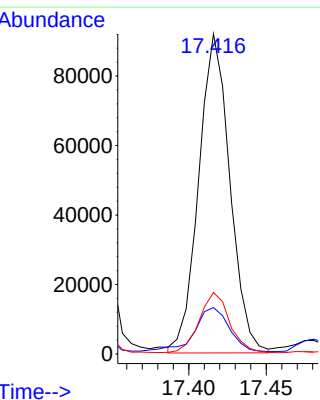
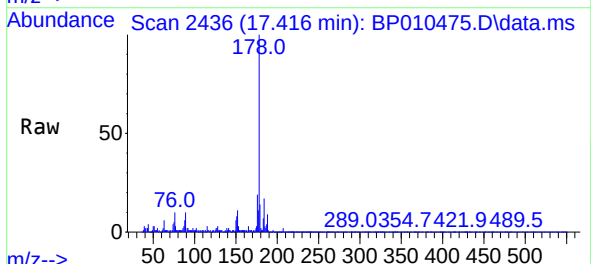
APPROVED

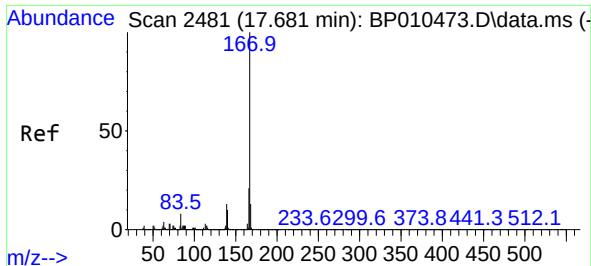
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#74
Anthracene
Concen: 2.484 ng/ul
RT: 17.416 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

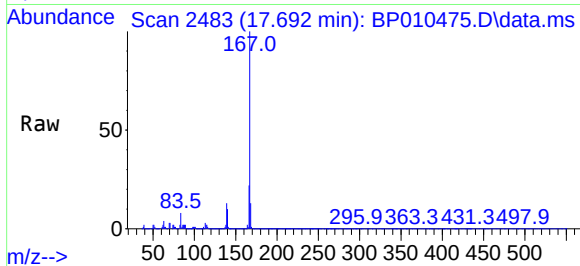
Tgt Ion:178 Resp: 128699
Ion Ratio Lower Upper
178 100
179 14.5 12.3 18.5
176 19.2 13.4 20.2





#77
Carbazole
Concen: 73.926 ng/ul
RT: 17.692 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP010475.D
Acq: 23 May 2022 14:06

Instrument :
BNA_P
ClientSampleId :
DBTH0



Tgt Ion:167 Resp: 3366594
Ion Ratio Lower Upper
167 100
166 21.7 15.8 23.8
139 12.9 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

