

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010464.D
 Acq On : 21 May 2022 08:08
 Operator : CG/JU
 Sample : N2918-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTH3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 23 00:43:34 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	222827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	979999	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.528	164	634346	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1257734	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	983111	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	791220	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24544m	4.695	ng/uL	0.00
4) Pyridine-d5	3.764	84	121924	8.214	ng/u1	0.00
7) Phenol-d5	7.064	99	136492	7.298	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	423169	33.677	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	389586	27.223	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	274217	17.253	ng/u1	-0.01
21) Nitrobenzene-d5	9.052	128	275295	36.297	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	286436	35.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	470922	30.985	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	558172	24.700	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	1789776	38.295	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1975648	36.648	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	60402m	7.261	ng/u1	0.01
60) Fluorene-d10	15.522	176	1480337	36.408	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	180075	24.481	ng/u1	0.00
73) Anthracene-d10	17.381	188	2357401m	41.393	ng/u1	0.00
81) Pyrene-d10	19.610	212	2567743	49.181	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1676864	42.206	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.758	128	15527210	303.343	ng/u1	97
36) 2-Methylnaphthalene	12.352	142	783733	21.628	ng/u1	90
37) 1-Methylnaphthalene	12.569	142	578194	15.803	ng/u1#	96
42) 2,4,5-Trichlorophenol	13.040	196	30889m	2.293	ng/u1	
43) 1,1'-Biphenyl	13.357	154	409856	8.803	ng/u1#	94
50) Acenaphthylene	14.246	152	166326	2.852	ng/u1	97
52) Acenaphthene	14.587	153	786765	20.680	ng/u1	96
56) Dibenzofuran	14.922	168	1238569	22.215	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	66390	5.730	ng/u1#	83
61) Fluorene	15.575	166	370183	8.119	ng/u1#	91
71) Pentachlorophenol	16.934	266	265913	28.444	ng/u1#	86
72) Phenanthrene	17.322	178	652948	9.728	ng/u1	99
77) Carbazole	17.687	167	5313947	89.795	ng/u1#	95

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

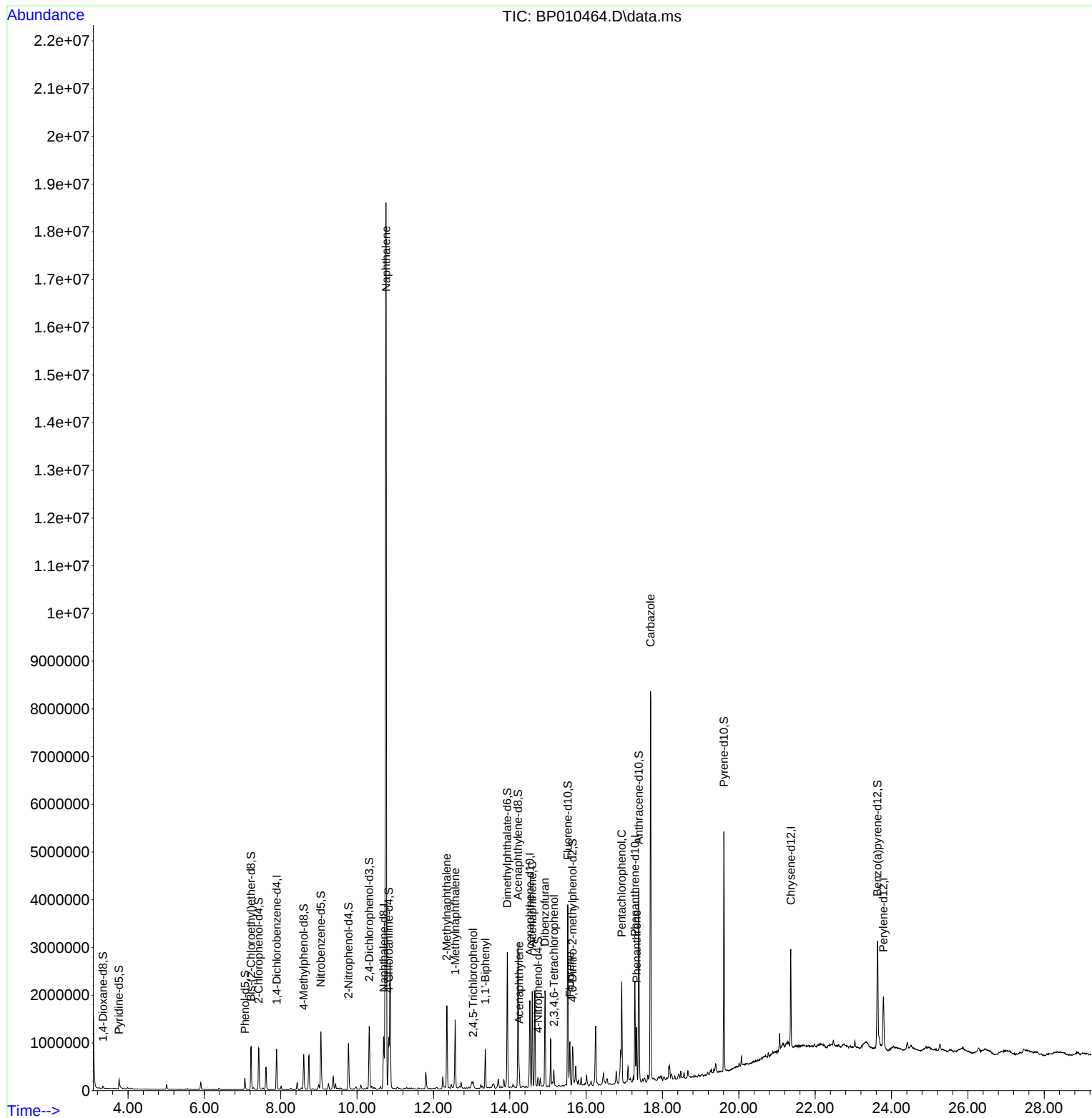
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
Data File : BP010464.D
Acq On : 21 May 2022 08:08
Operator : CG/JU
Sample : N2918-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

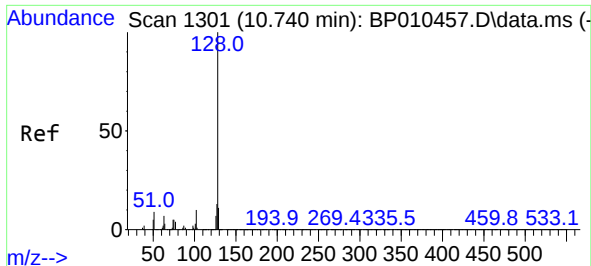
Instrument :
BNA_P
ClientSampleId :
DBTH3

Quant Time: May 23 00:43:34 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

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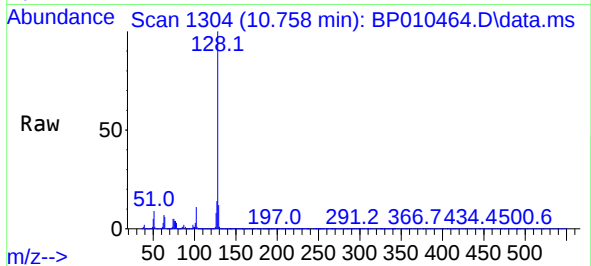
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022





#30
Naphthalene
Concen: 303.343 ng/ul
RT: 10.758 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

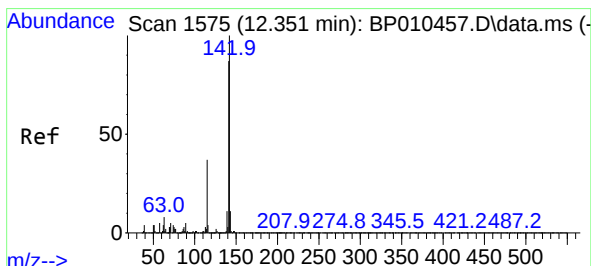
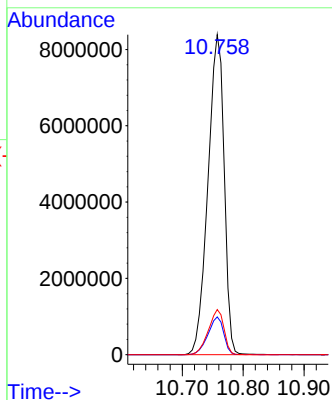
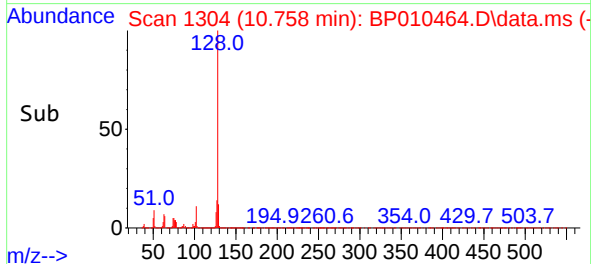
Instrument :
BNA_P
ClientSampleId :
DBTH3



Tgt Ion:128 Resp:15527210
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.1 12.2 18.4

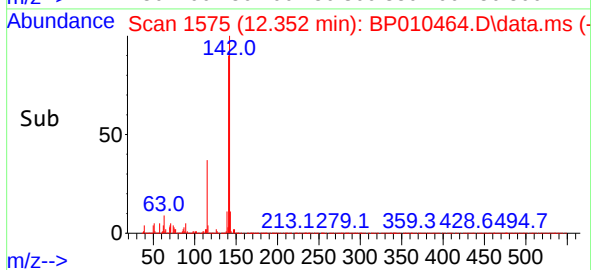
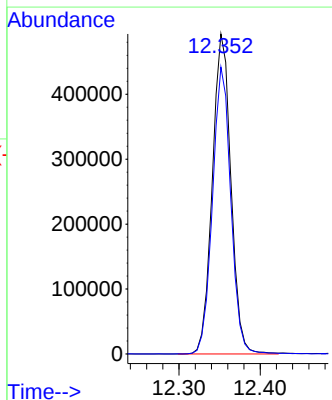
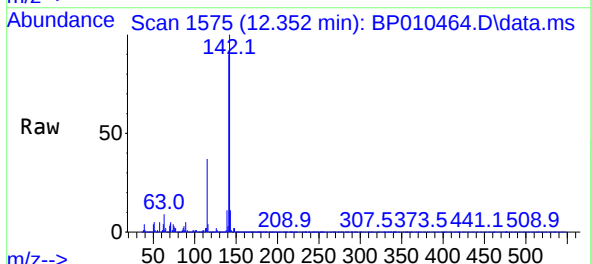
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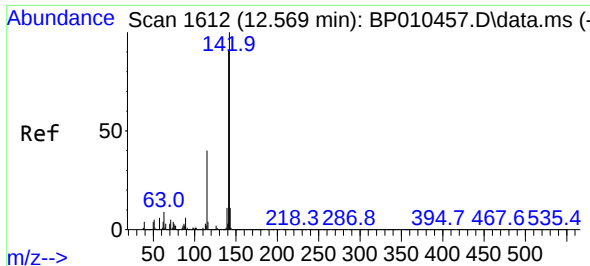
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#36
2-Methylnaphthalene
Concen: 21.628 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

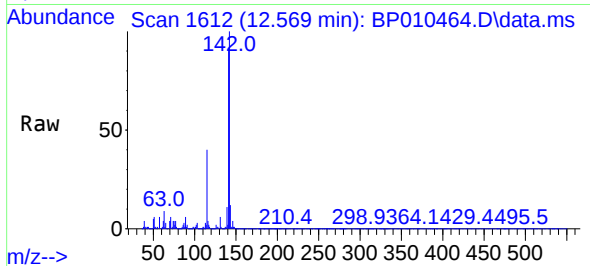
Tgt Ion:142 Resp: 783733
Ion Ratio Lower Upper
142 100
141 89.6 64.3 96.5





#37
1-Methylnaphthalene
Concen: 15.803 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

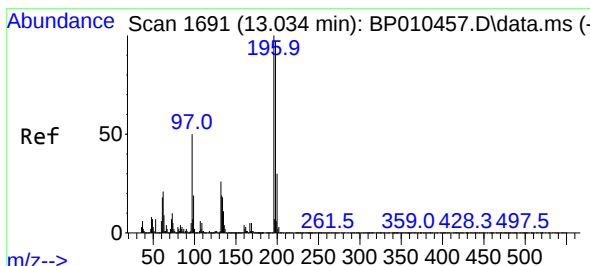
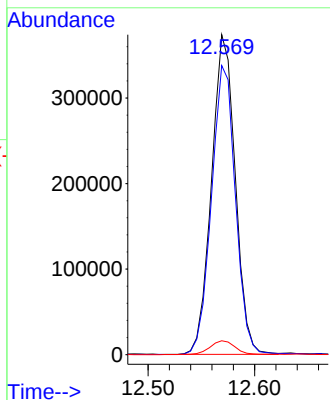
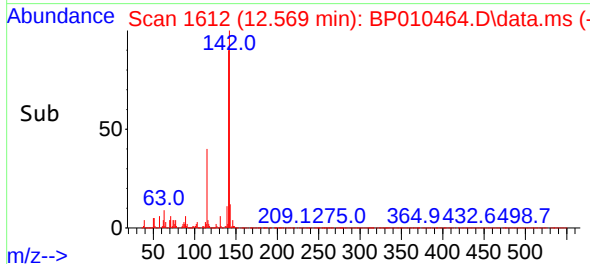
Instrument :
BNA_P
ClientSampleId :
DBTH3



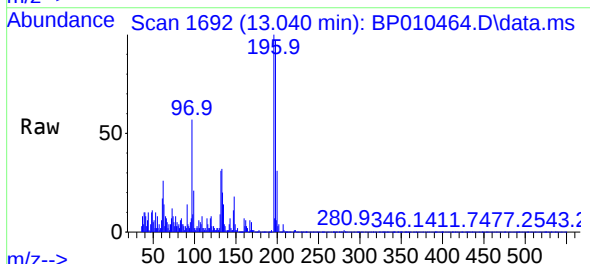
Tgt Ion:142 Resp: 578194
Ion Ratio Lower Upper
142 100
141 90.3 69.8 104.8
116 4.3 5.6 8.4

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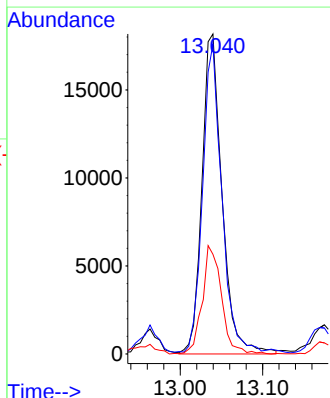
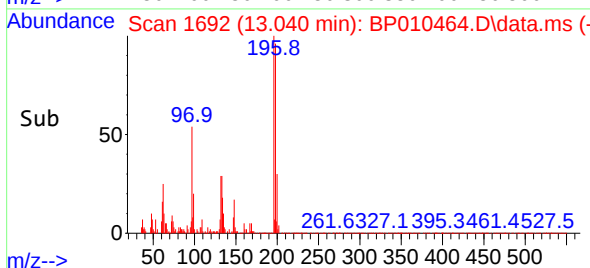
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022

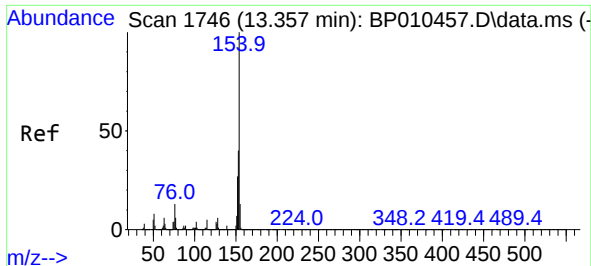


#42
2,4,5-Trichlorophenol
Concen: 2.293 ng/ul m
RT: 13.040 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08



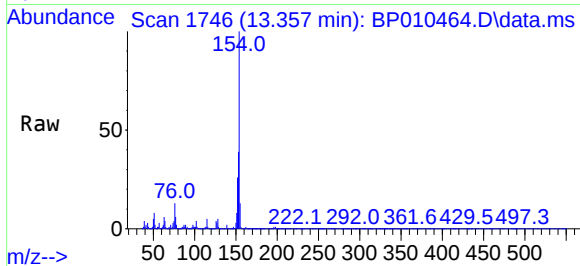
Tgt Ion:196 Resp: 30889
Ion Ratio Lower Upper
196 100
198 96.9 68.6 103.0
200 31.2 32.8 49.2





#43
1,1'-Biphenyl
Concen: 8.803 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

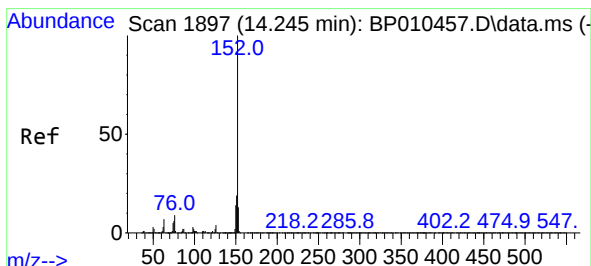
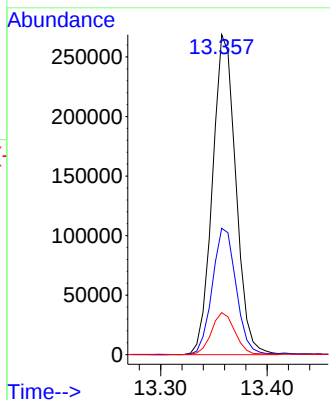
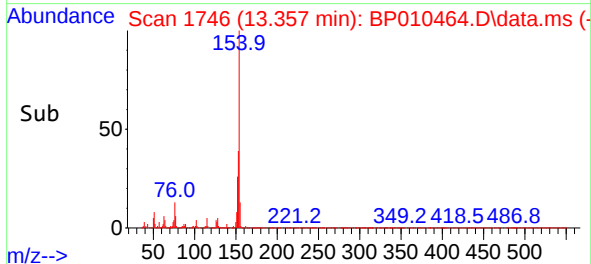
Instrument :
BNA_P
ClientSampleId :
DBTH3



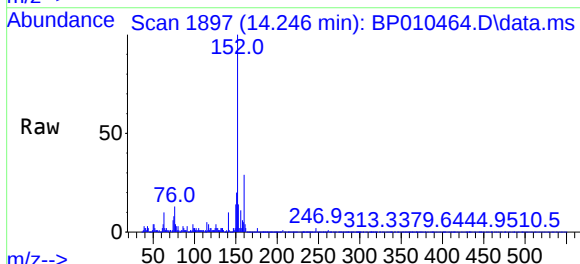
Tgt Ion:154 Resp: 409850
Ion Ratio Lower Upper
154 100
153 39.5 28.6 43.0
76 13.1 8.5 12.7

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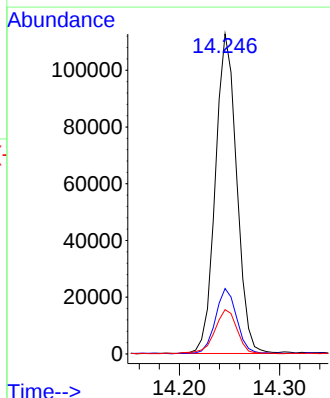
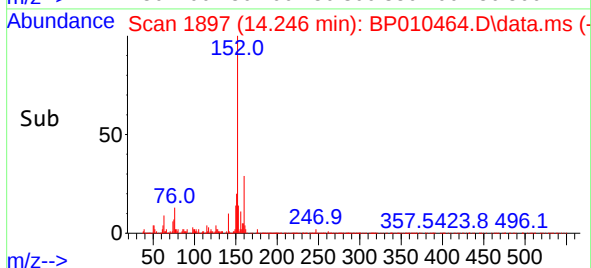
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022

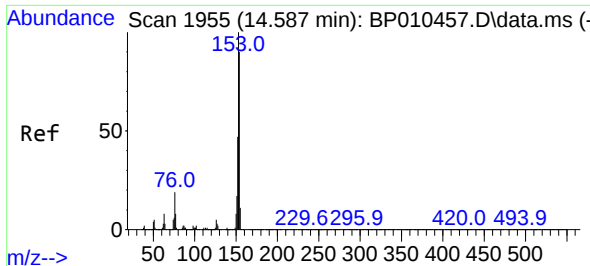


#50
Acenaphthylene
Concen: 2.852 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08



Tgt Ion:152 Resp: 166326
Ion Ratio Lower Upper
152 100
151 20.4 18.3 27.5
153 13.9 11.0 16.6





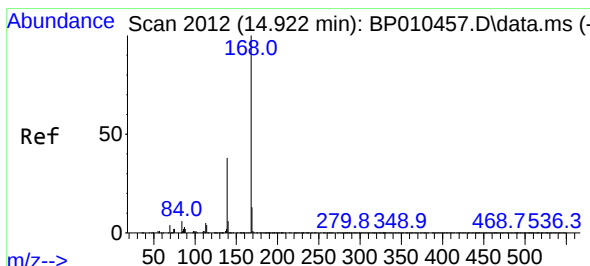
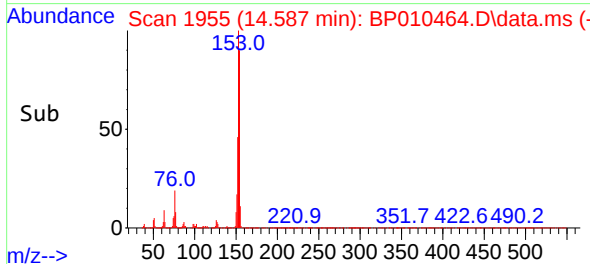
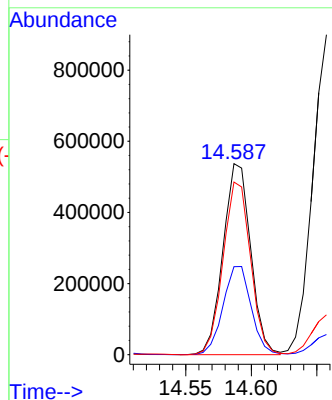
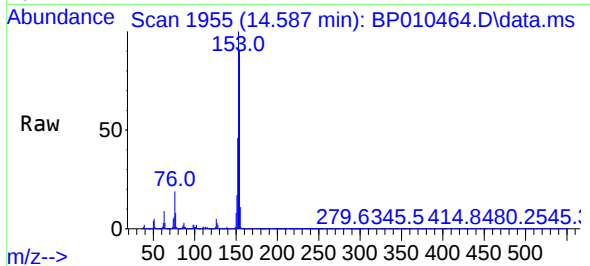
#52
Acenaphthene
Concen: 20.680 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

Instrument :
BNA_P
ClientSampleId :
DBTH3

Tgt Ion:153 Resp: 78676
Ion Ratio Lower Upper
153 100
152 46.0 34.3 51.5
154 90.3 70.0 105.0

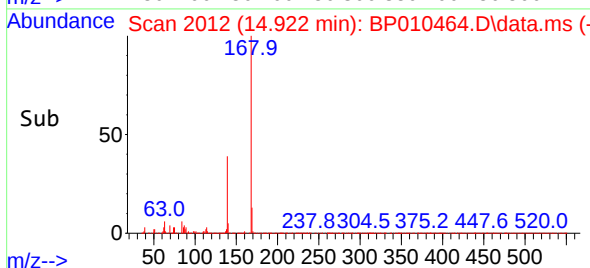
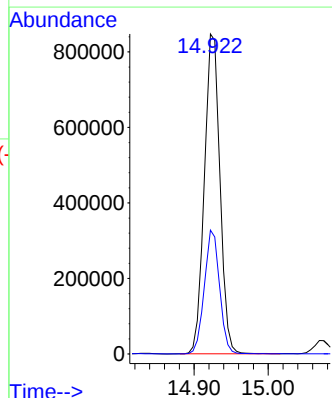
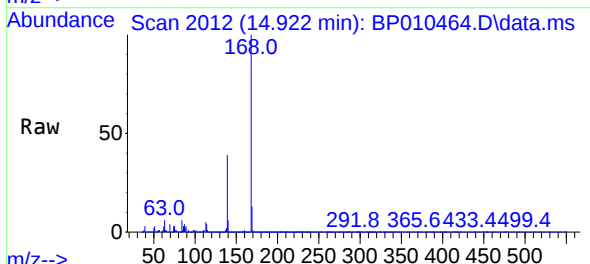
Manual Integrations
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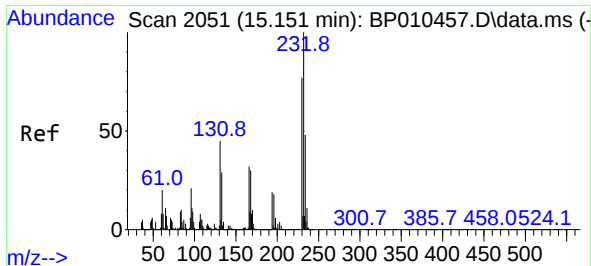
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#56
Dibenzofuran
Concen: 22.215 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

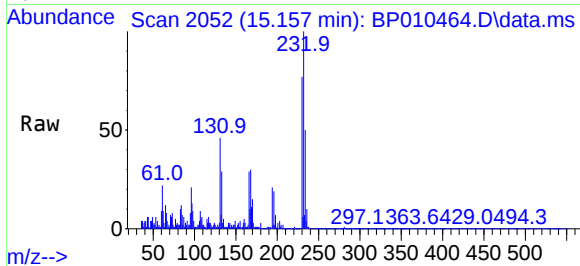
Tgt Ion:168 Resp: 1238569
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 5.730 ng/ul
RT: 15.157 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

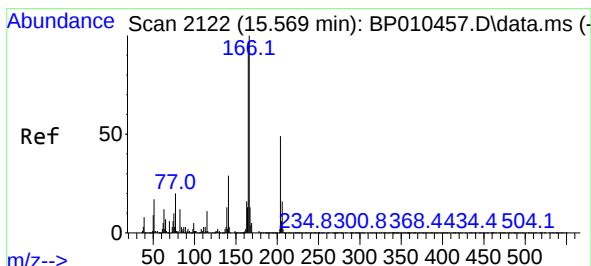
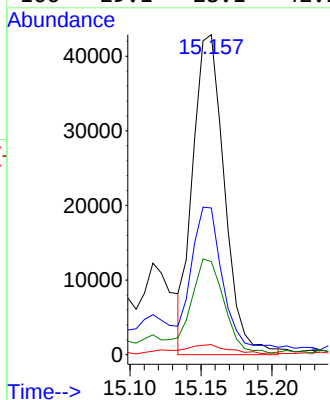
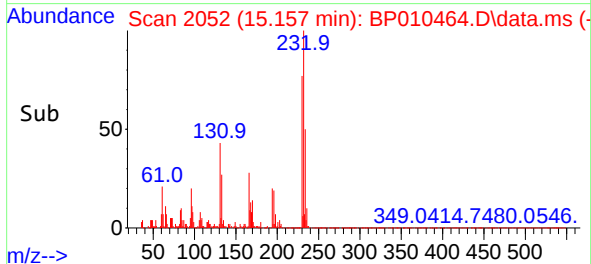
Instrument :
BNA_P
ClientSampleId :
DBTH3



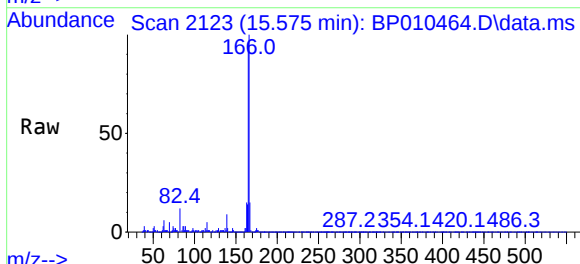
Tgt Ion:232 Resp: 66390
Ion Ratio Lower Upper
232 100
131 45.9 25.4 38.2
130 3.2 4.2 6.2
166 29.1 28.1 42.1

Manual Integrations
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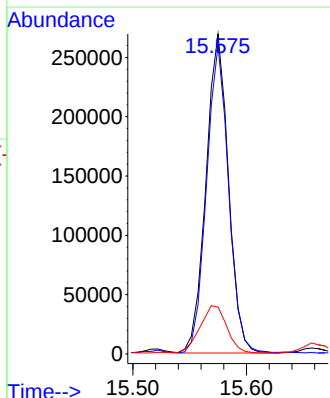
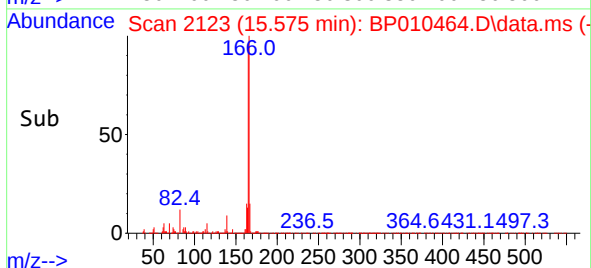
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022

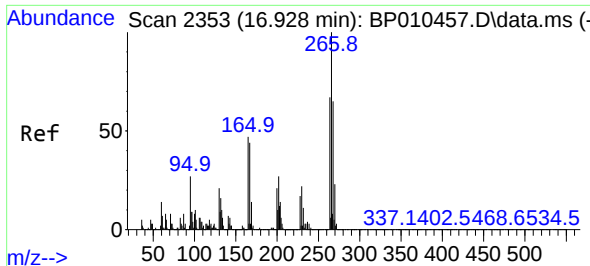


#61
Fluorene
Concen: 8.119 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08



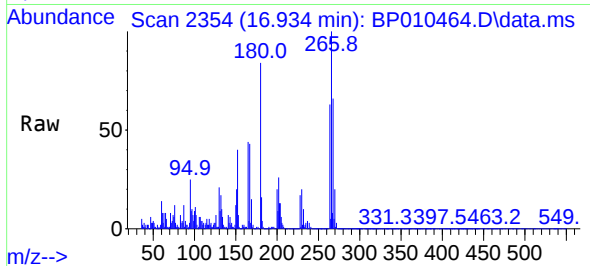
Tgt Ion:166 Resp: 370183
Ion Ratio Lower Upper
166 100
165 96.5 70.3 105.5
167 14.6 9.5 14.3





#71
Pentachlorophenol
Concen: 28.444 ng/ul
RT: 16.934 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

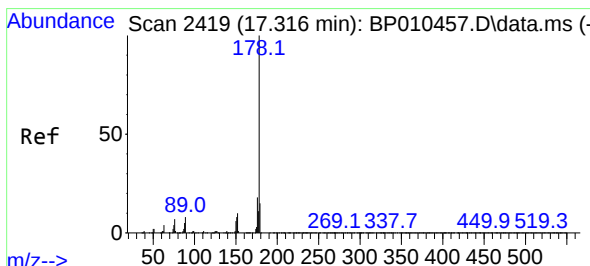
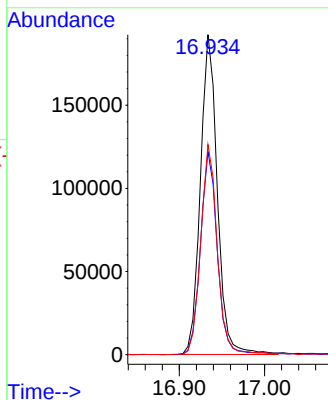
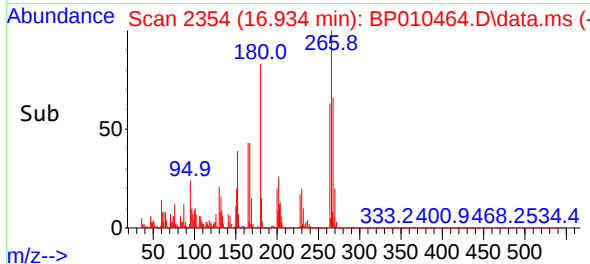
Instrument :
BNA_P
ClientSampleId :
DBTH3



Tgt Ion:266 Resp: 265911
Ion Ratio Lower Upper
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264 63.5 57.3 85.9
268 65.6 65.7 98.5

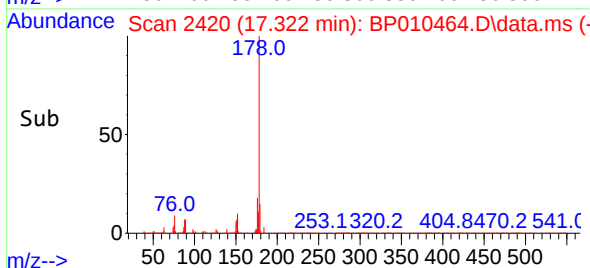
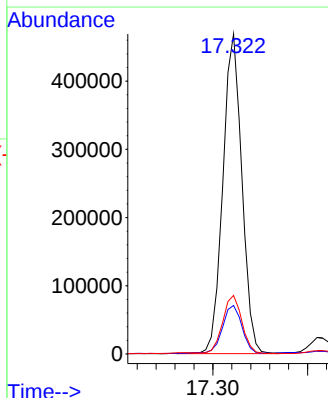
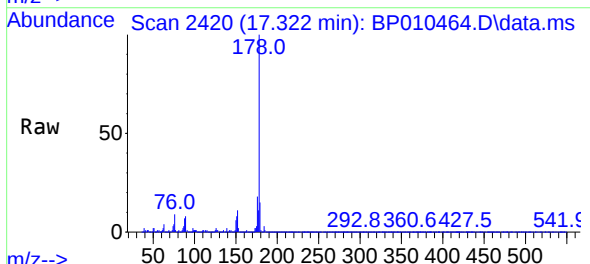
Manual Integrations
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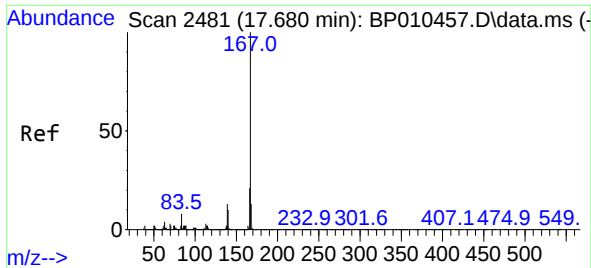
Reviewed By :Jagrut Upadhyay 05/23/2022
Supervised By :mohammad ahmed 05/25/2022



#72
Phenanthrene
Concen: 9.728 ng/ul
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP010464.D
Acq: 21 May 2022 08:08

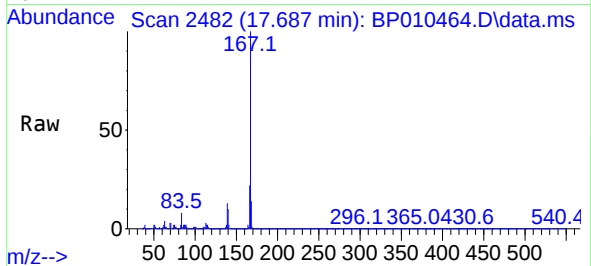
Tgt Ion:178 Resp: 652948
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.3 14.5 21.7





#77
 Carbazole
 Concen: 89.795 ng/ul
 RT: 17.687 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BP010464.D
 Acq: 21 May 2022 08:08

Instrument :
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Tgt Ion:167 Resp: 531394
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.8 23.8
 139 13.2 8.3 12.5

Manual Integrations
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