

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010519.D
 Acq On : 24 May 2022 16:51
 Operator : CG/JU
 Sample : N2950-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTG6

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:17:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	145290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	663811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	475012	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1069693	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.351	240	1040726	20.000	ng/u1	# 0.00
88) Perylene-d12	23.768	264	799248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14790	4.339	ng/uL	0.00
4) Pyridine-d5	3.764	84	70284	7.262	ng/u1	0.00
7) Phenol-d5	7.052	99	68835	5.645	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	218486	26.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	194654	20.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	138228	13.338	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	136387	26.548	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	144011	26.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	246365	23.931	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	326435m	21.326	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1072338	30.641	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1161129	28.763	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	34239m	5.496	ng/u1	0.00
60) Fluorene-d10	15.510	176	935790	30.735	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	142379	22.759	ng/u1	0.00
73) Anthracene-d10	17.369	188	1567616	32.364	ng/u1	0.00
81) Pyrene-d10	19.598	212	1900383	34.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	1334937	33.263	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.740	128	2250878	64.919	ng/u1	97
36) 2-Methylnaphthalene	12.340	142	33149	1.351	ng/u1	97
37) 1-Methylnaphthalene	12.563	142	991247	39.997	ng/u1#	97
42) 2,4,5-Trichlorophenol	13.028	196	12236	1.213	ng/u1	85
43) 1,1'-Biphenyl	13.351	154	538772	15.453	ng/u1#	94
50) Acenaphthylene	14.239	152	105324	2.412	ng/u1#	94
52) Acenaphthene	14.586	153	3169564	111.257	ng/u1	97
56) Dibenzofuran	14.916	168	2804244	67.167	ng/u1	97
61) Fluorene	15.569	166	1726339	50.563	ng/u1	92
72) Phenanthrene	17.316	178	2544055	44.564	ng/u1	99
74) Anthracene	17.404	178	246367	4.302	ng/u1	98
77) Carbazole	17.686	167	6394813	127.056	ng/u1#	95
80) Fluoranthene	19.274	202	182639	2.844	ng/u1	97
82) Pyrene	19.627	202	98571	1.471	ng/u1	96

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

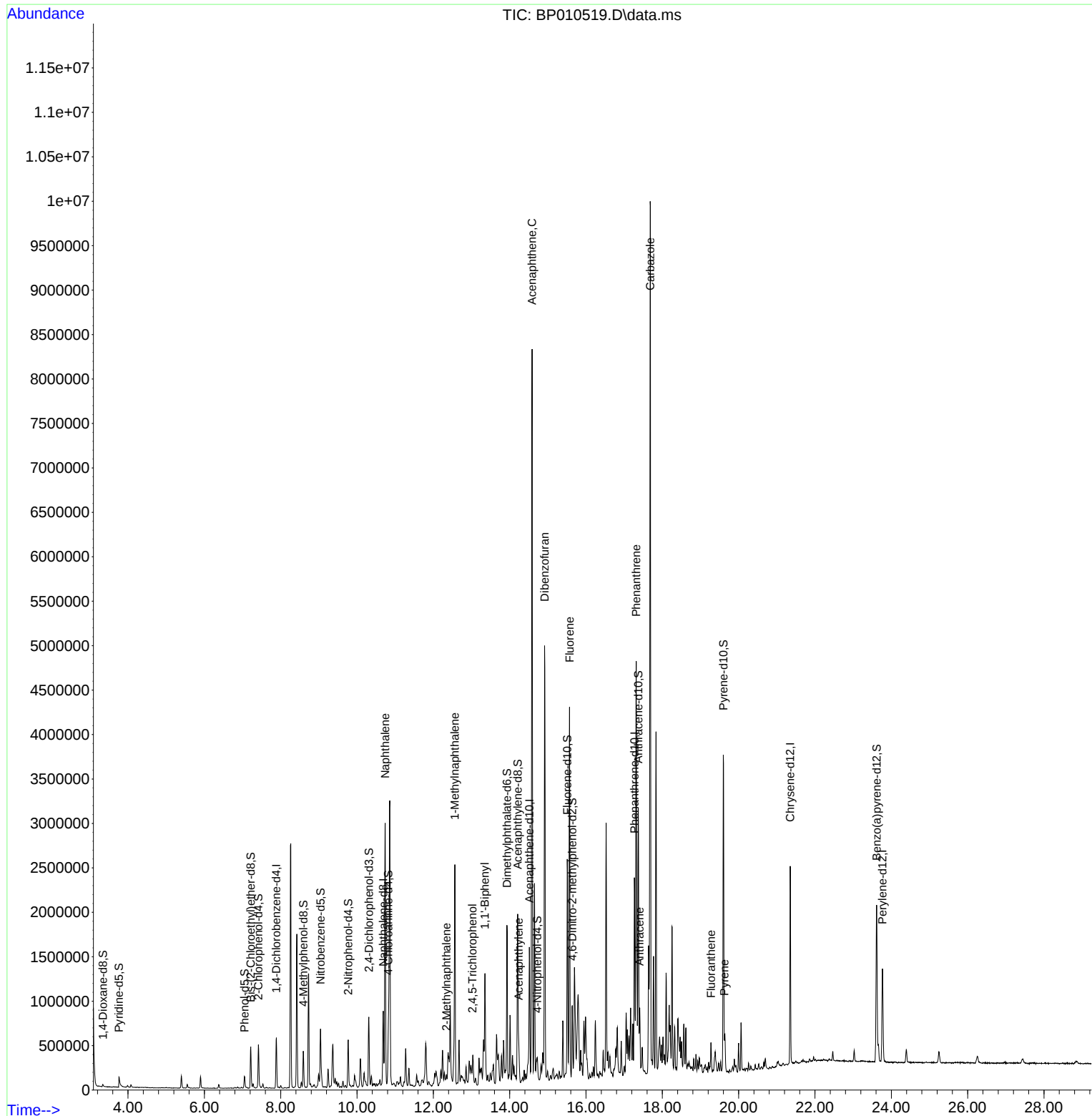
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 Data File : BP010519.D
 Acq On : 24 May 2022 16:51
 Operator : CG/JU
 Sample : N2950-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

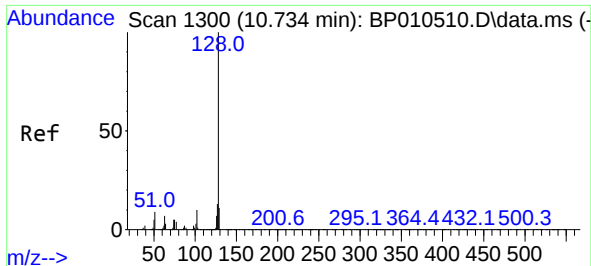
Instrument :
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 ClientSampleId :
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Quant Time: May 24 23:17:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
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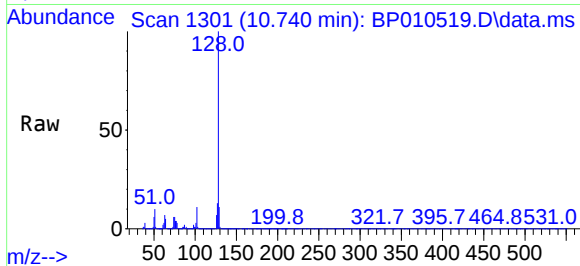
Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022





#30
Naphthalene
Concen: 64.919 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

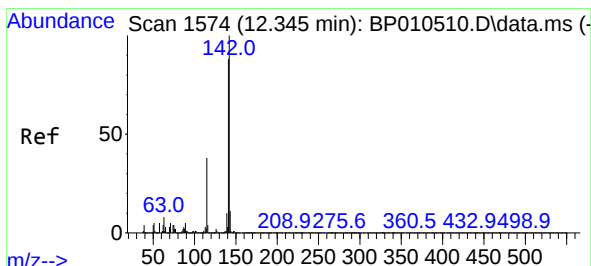
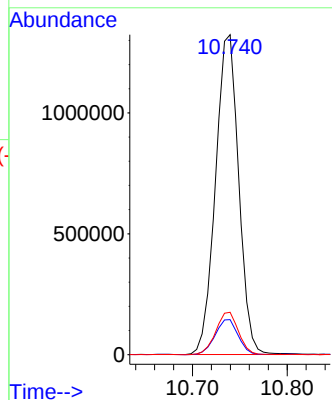
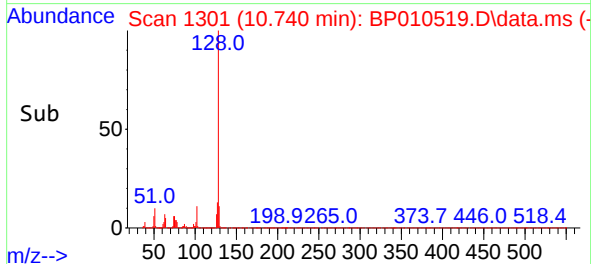
Instrument :
BNA_P
ClientSampleId :
DBTG6



Tgt Ion:128 Resp: 2250878
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 12.2 18.4

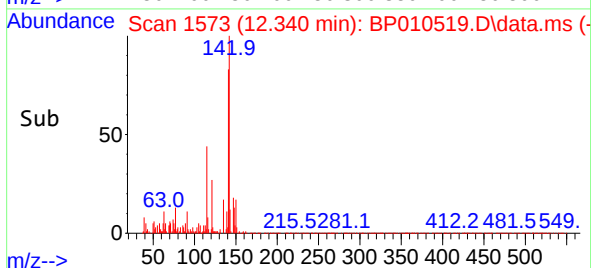
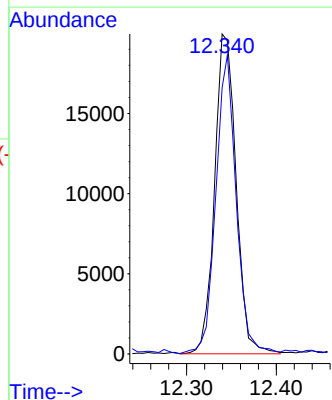
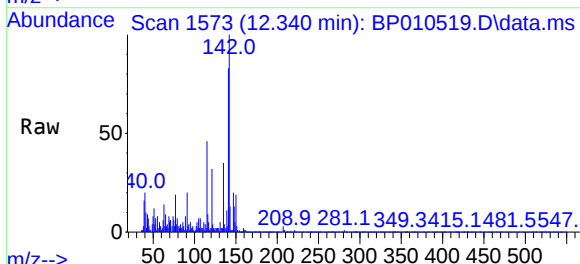
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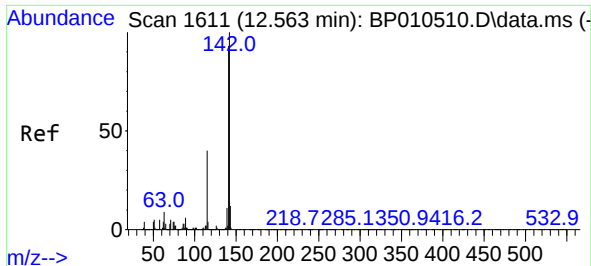
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#36
2-Methylnaphthalene
Concen: 1.351 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

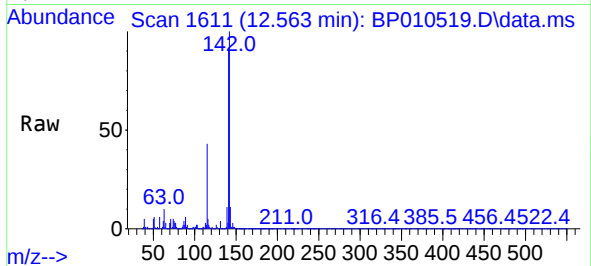
Tgt Ion:142 Resp: 33149
Ion Ratio Lower Upper
142 100
141 83.2 64.3 96.5





#37
1-Methylnaphthalene
Concen: 39.997 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

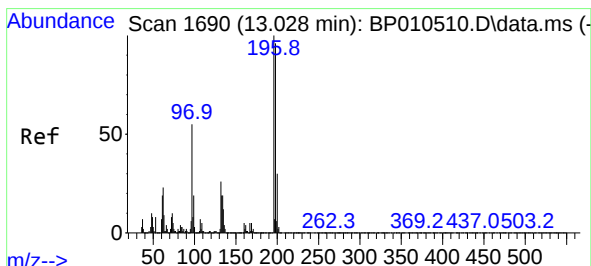
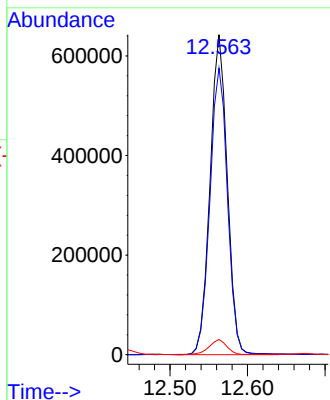
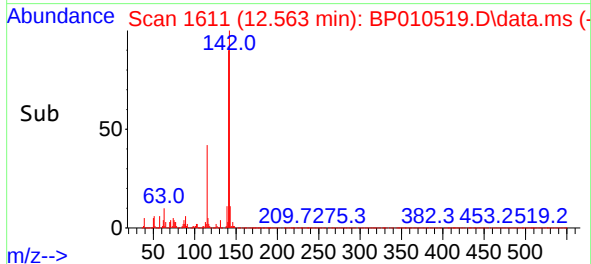
Instrument :
BNA_P
ClientSampleId :
DBTG6



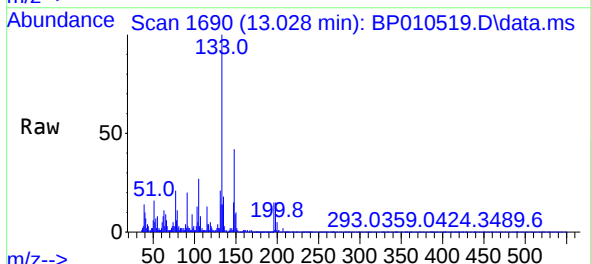
Tgt Ion:142 Resp: 99124
Ion Ratio Lower Upper
142 100
141 89.6 69.8 104.8
116 4.7 5.6 8.4

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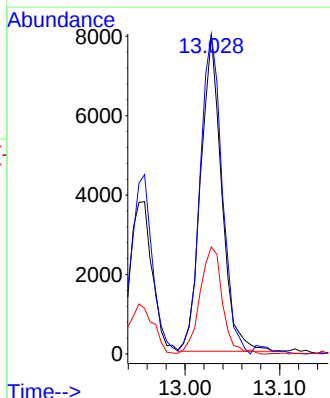
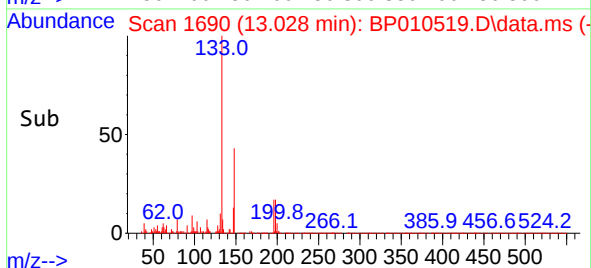
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

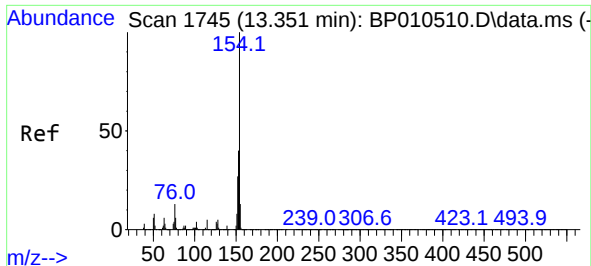


#42
2,4,5-Trichlorophenol
Concen: 1.213 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51



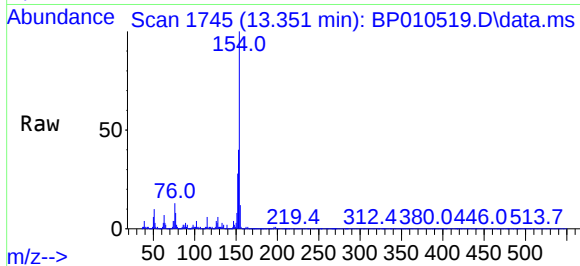
Tgt Ion:196 Resp: 12236
Ion Ratio Lower Upper
196 100
198 100.5 68.6 103.0
200 33.6 32.8 49.2





#43
1,1'-Biphenyl
Concen: 15.453 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

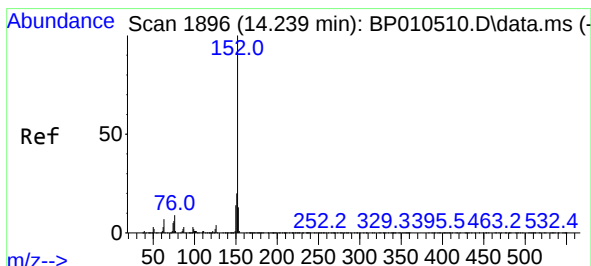
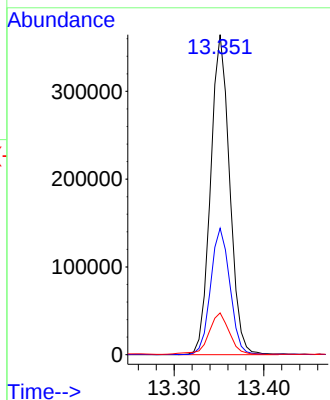
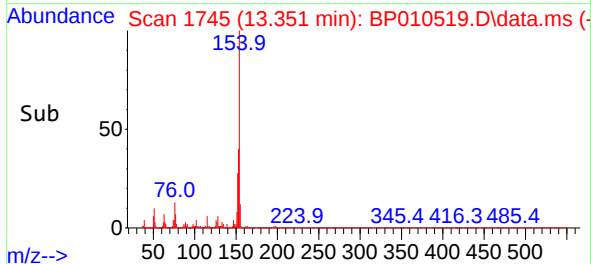
Instrument :
BNA_P
ClientSampleId :
DBTG6



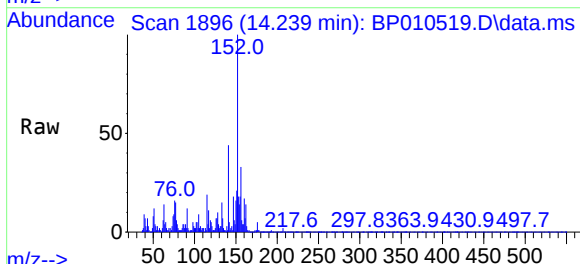
Tgt Ion:154 Resp: 538772
Ion Ratio Lower Upper
154 100
153 39.5 28.6 43.0
76 13.0 8.5 12.7

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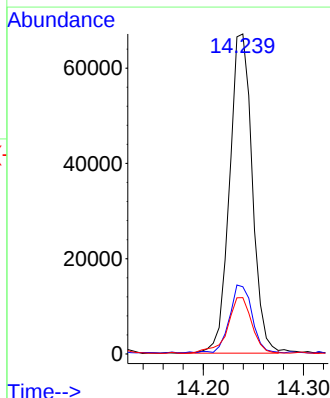
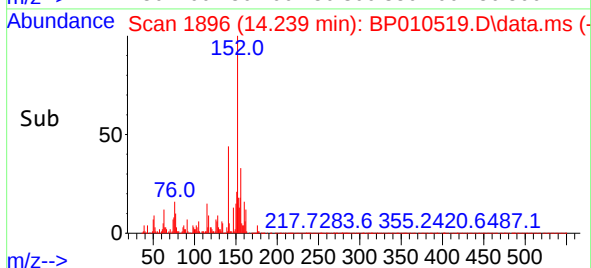
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

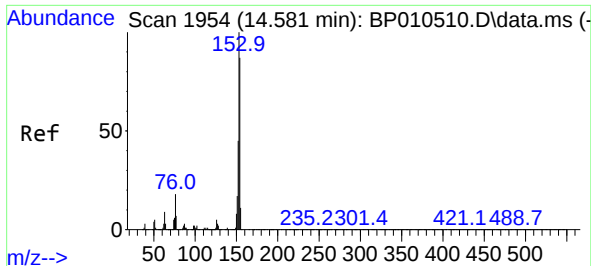


#50
Acenaphthylene
Concen: 2.412 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51



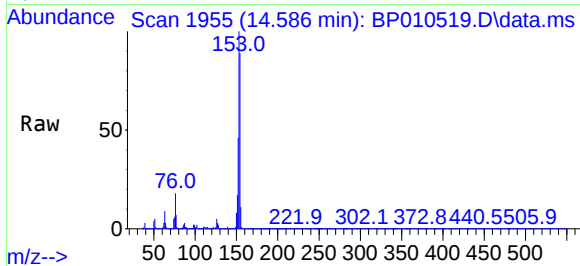
Tgt Ion:152 Resp: 105324
Ion Ratio Lower Upper
152 100
151 21.0 18.3 27.5
153 17.6 11.0 16.6





#52
Acenaphthene
Concen: 111.257 ng/ul
RT: 14.586 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

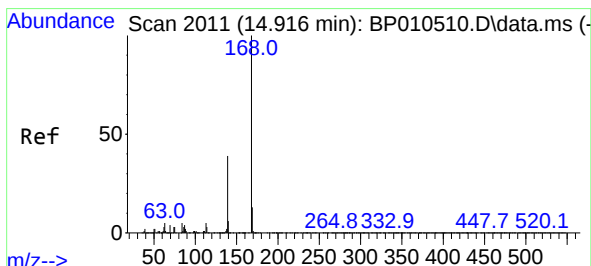
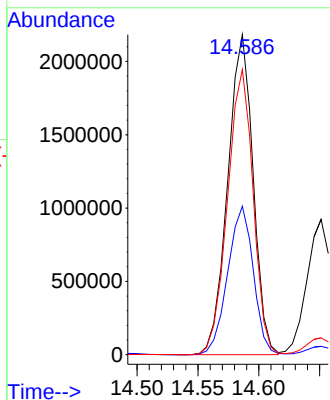
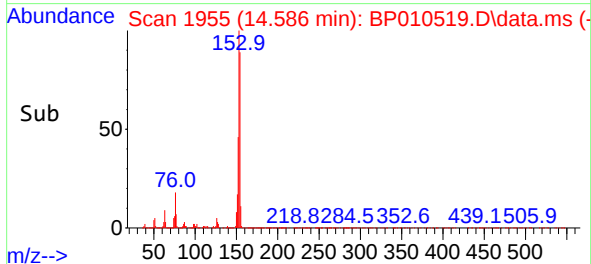
Instrument :
BNA_P
ClientSampleId :
DBTG6



Tgt Ion:153 Resp: 3169564
Ion Ratio Lower Upper
153 100
152 46.4 34.3 51.5
154 89.1 70.0 105.0

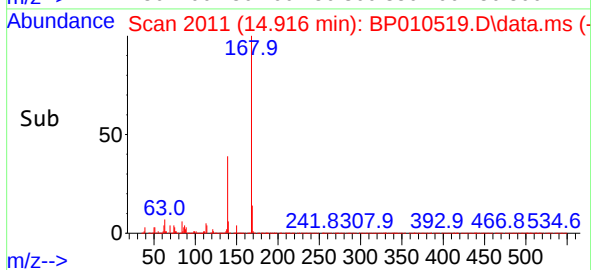
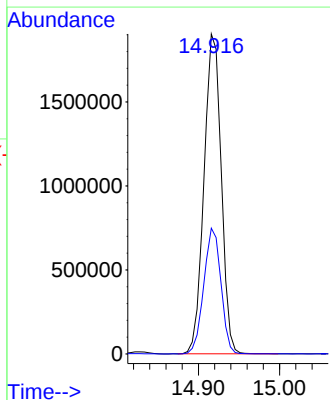
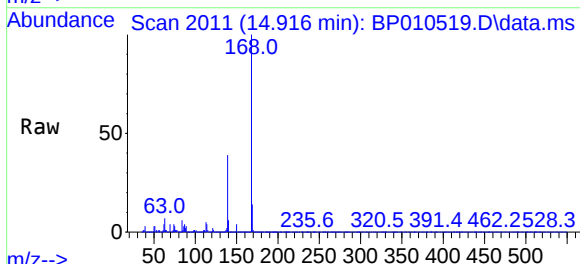
Manual Integrations
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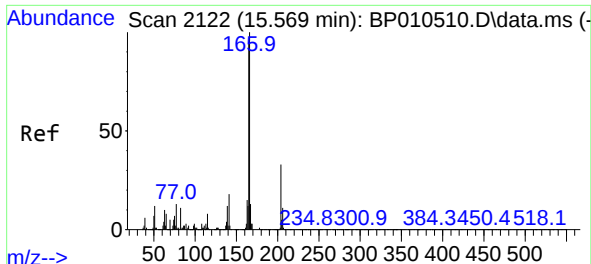
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022



#56
Dibenzofuran
Concen: 67.167 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

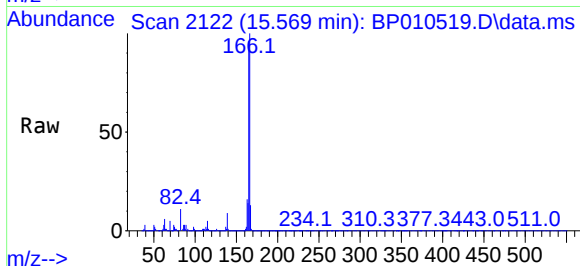
Tgt Ion:168 Resp: 2804244
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1





#61
Fluorene
Concen: 50.563 ng/u1
RT: 15.569 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

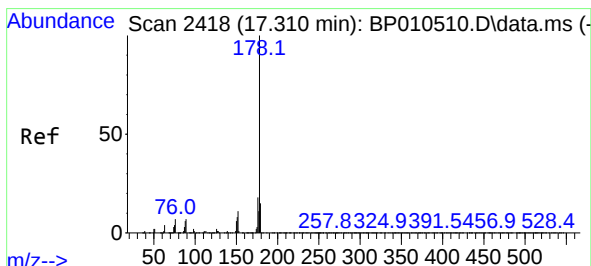
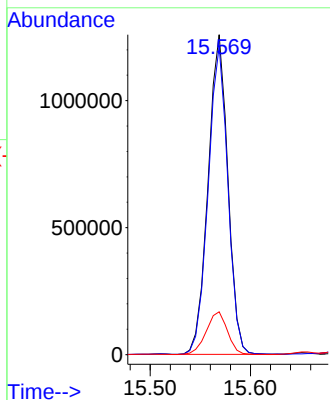
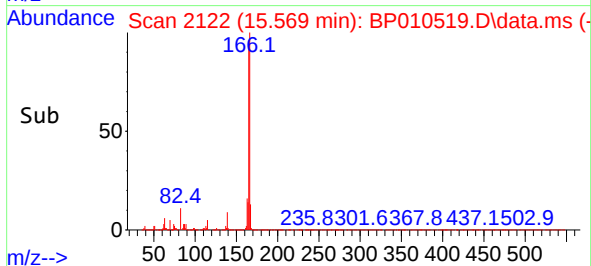
Instrument :
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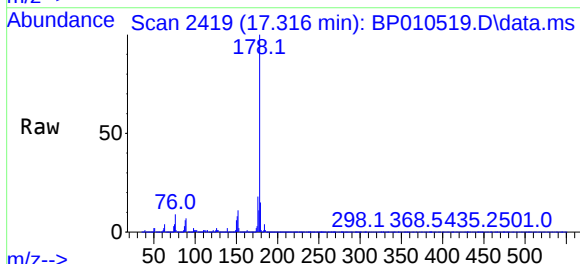
Tgt Ion:166 Resp: 1726339
Ion Ratio Lower Upper
166 100
165 96.4 70.3 105.5
167 13.4 9.5 14.3

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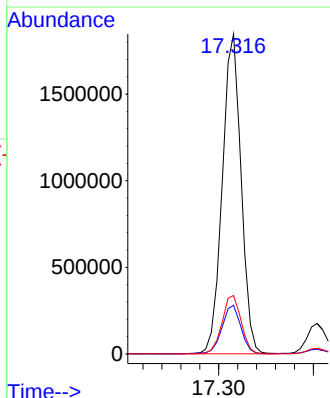
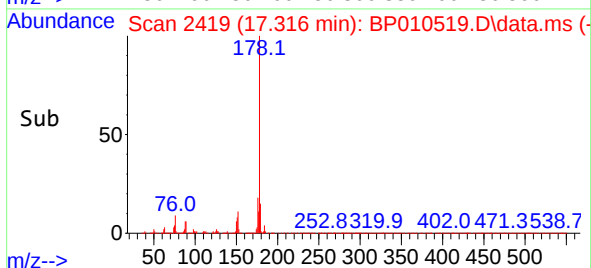
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :Yogesh Patel 05/26/2022

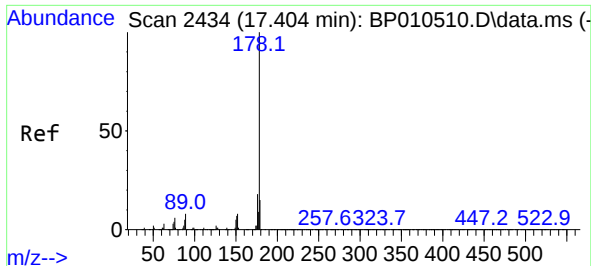


#72
Phenanthrene
Concen: 44.564 ng/u1
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51



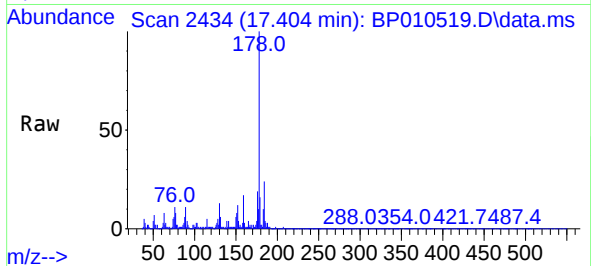
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Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.2 14.5 21.7





#74
 Anthracene
 Concen: 4.302 ng/u1
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BP010519.D
 Acq: 24 May 2022 16:51

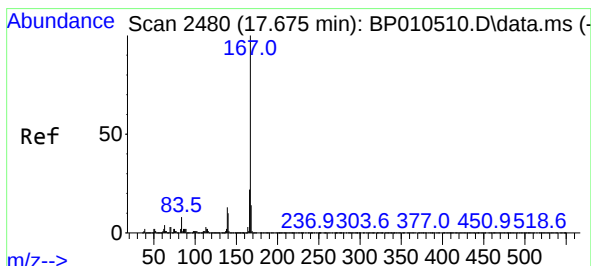
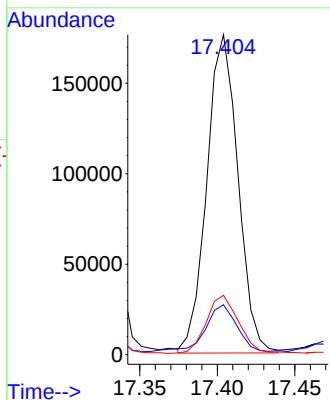
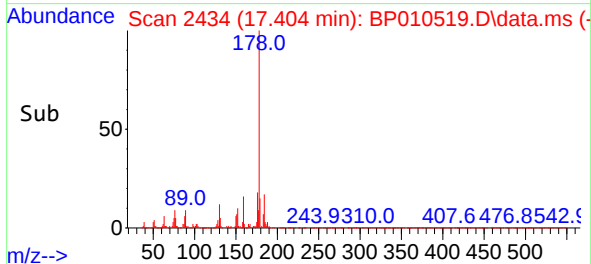
Instrument :
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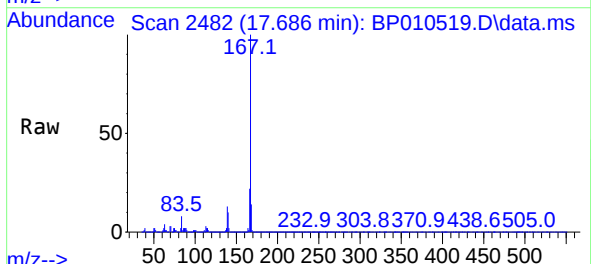
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 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.5 13.4 20.2

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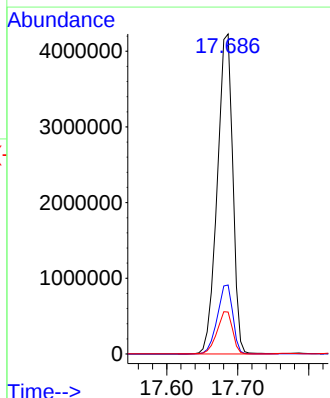
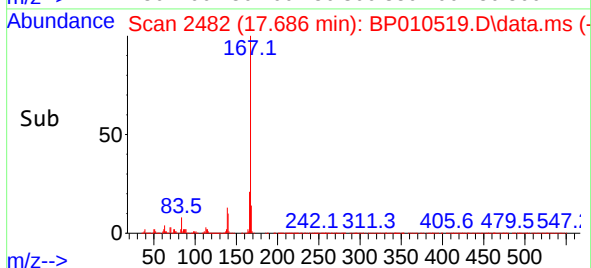
Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

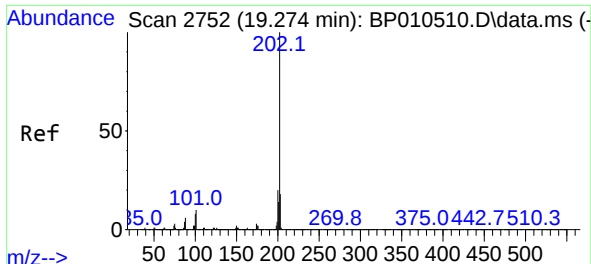


#77
 Carbazole
 Concen: 127.056 ng/u1
 RT: 17.686 min Scan# 2482
 Delta R.T. 0.012 min
 Lab File: BP010519.D
 Acq: 24 May 2022 16:51



Tgt Ion:167 Resp: 6394813
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.8 23.8
 139 13.1 8.3 12.5#





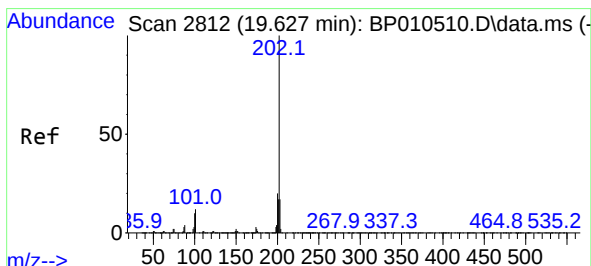
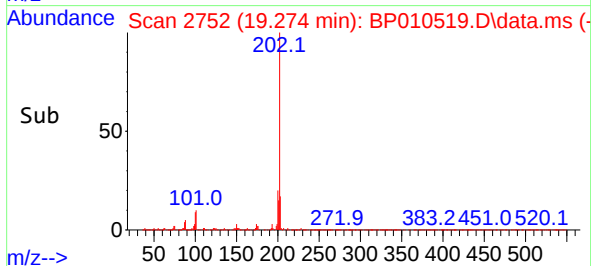
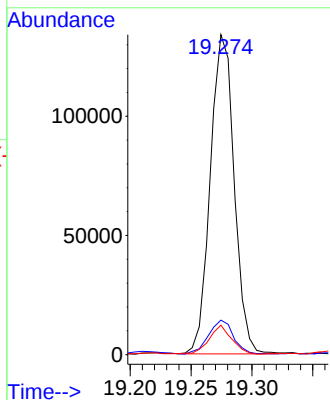
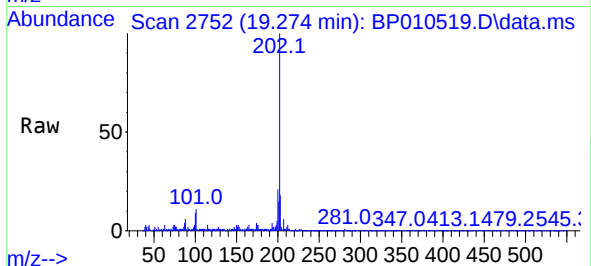
#80
Fluoranthene
Concen: 2.844 ng/u1
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Instrument :
BNA_P
ClientSampleId :
DBTG6

Tgt Ion:202 Resp: 182639
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 9.2 6.3 9.5

Manual Integrations
APPROVED

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



#82
Pyrene
Concen: 1.471 ng/u1
RT: 19.627 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP010519.D
Acq: 24 May 2022 16:51

Tgt Ion:202 Resp: 98571
Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 10.9 9.8 14.6

