

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015512.D
 Acq On : 14 Jun 2023 12:07
 Operator : MA/JU
 Sample : 03098-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEQ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 23:24:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	18623	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	92203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	69195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	169041	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	159356	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	168996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	14644	29.118	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	72566	42.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	213963	208.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	202898	163.114	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	139374	98.982	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	141268	195.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	155512	188.118	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	250099	165.850	ng/u1	0.00
31) 4-Chloroaniline-d4	11.099	131	6430m	2.971	ng/u1	0.04
46) Dimethylphthalate-d6	14.140	166	1155335	211.738	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	1174360	196.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	20842m	21.330	ng/u1	0.04
60) Fluorene-d10	15.728	176	1003952	218.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	203830	190.338	ng/u1	0.00
73) Anthracene-d10	17.587	188	1774704	230.747	ng/u1	0.00
81) Pyrene-d10	19.810	212	2281080	267.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2135908	251.890	ng/u1	0.00
Target Compounds						
					Qvalue	
47) Dimethylphthalate	14.187	163	6135	1.089	ng/u1#	91
52) Acenaphthene	14.793	153	4856	1.063	ng/u1	95
59) Diethylphthalate	15.545	149	7397	1.281	ng/u1	94
61) Fluorene	15.781	166	6096	1.155	ng/u1	98
68) 4-Bromophenyl-phenylether	16.669	248	1917	1.060	ng/u1	83
69) Hexachlorobenzene	16.787	284	2368	1.110	ng/u1#	88
70) Atrazine	16.945	200	1952	1.019	ng/u1	97
72) Phenanthrene	17.534	178	11094	1.223	ng/u1	96
74) Anthracene	17.622	178	10673	1.160	ng/u1	95
76) Pentachlorobenzene	15.063	250	2475	1.013	ng/uL	96
78) Di-n-butylphthalate	18.422	149	25139	2.391	ng/u1	99
80) Fluoranthene	19.486	202	14364	1.383	ng/u1#	92
82) Pyrene	19.839	202	16766	1.560	ng/u1#	93
83) Butylbenzylphthalate	20.692	149	5512	1.160	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.445	149	13563	1.932	ng/u1	97
87) Chrysene	21.610	228	14331	1.361	ng/u1	95
89) Di-n-octyl phthalate	22.416	149	13300	1.197	ng/u1	100
90) Benzo(b)fluoranthene	23.339	252	14771	1.354	ng/u1#	87
91) Benzo(k)fluoranthene	23.386	252	13939	1.322	ng/u1#	85
93) Benzo(a)pyrene	23.998	252	11777	1.238	ng/u1#	88
96) Benzo(g,h,i)perylene	27.674	276	11826	1.166	ng/u1#	84

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

Instrument :

BNA_P

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EZEQ1

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Supervised By :mohammad ahmed 06/16/2023

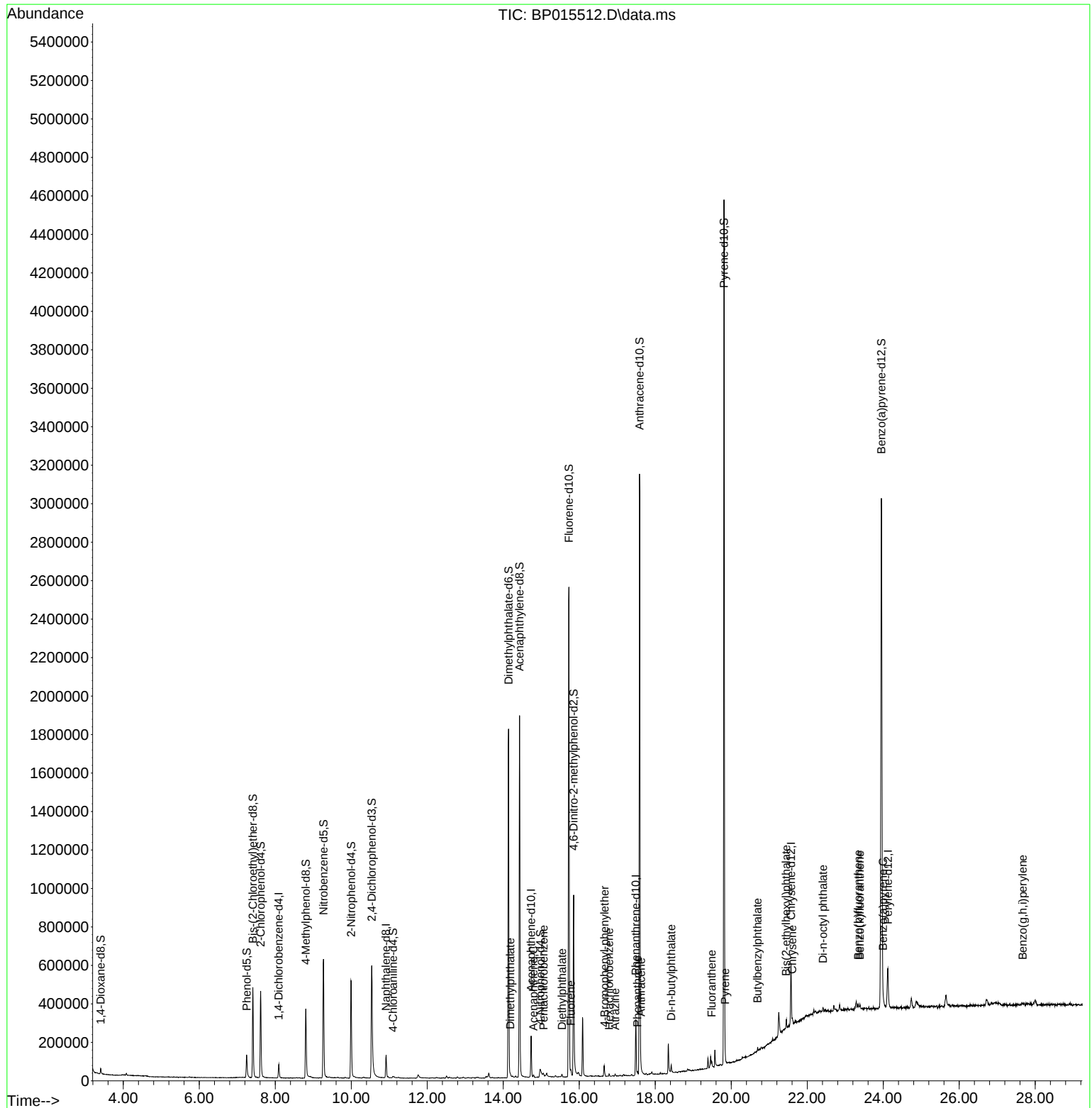
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015512.D
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ALS Vial : 7 Sample Multiplier: 1

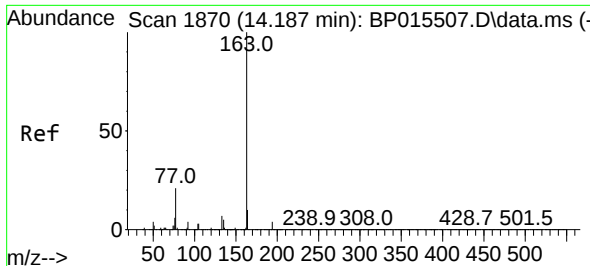
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
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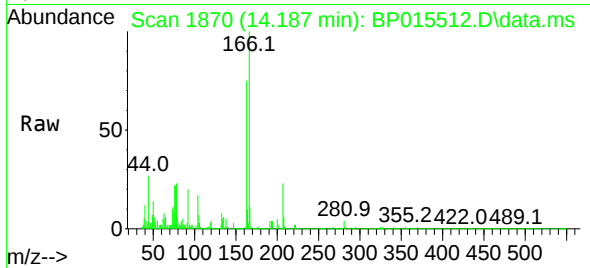
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023





#47
Dimethylphthalate
Concen: 1.089 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

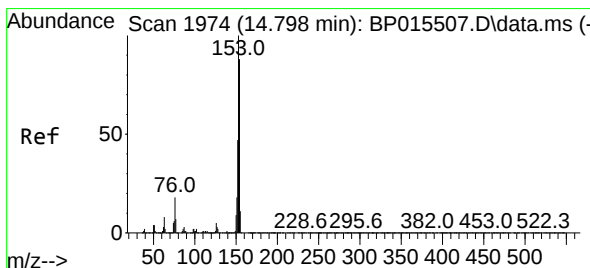
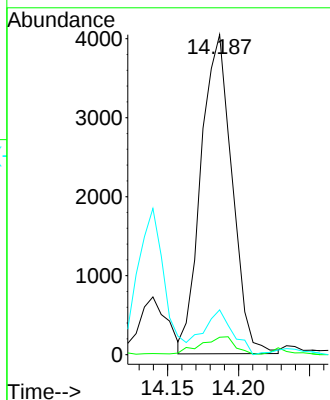
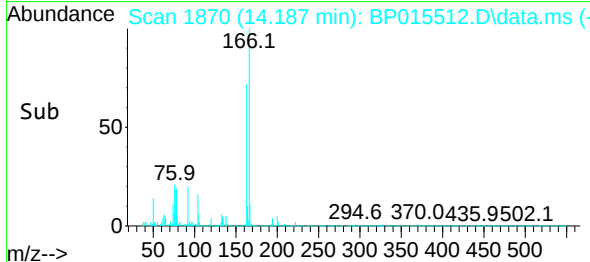
Instrument :
BNA_P
ClientSampleId :
EZEQ1



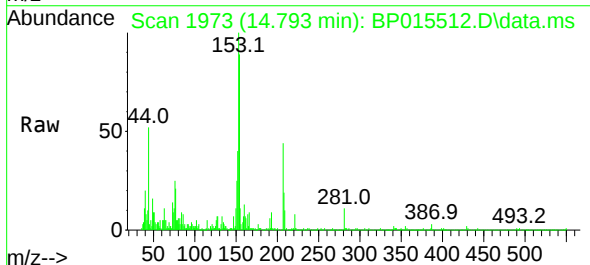
Tgt Ion:163 Resp: 613
Ion Ratio Lower Upper
163 100
194 5.5 3.2 4.8
164 14.0 8.2 12.2

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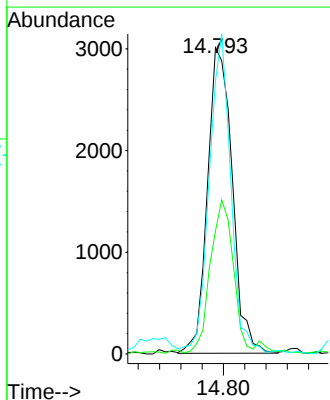
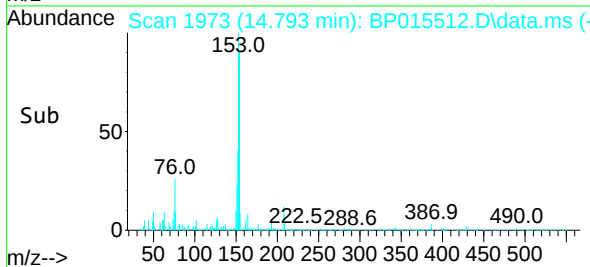
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

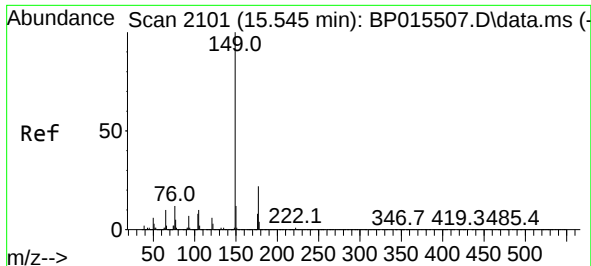


#52
Acenaphthene
Concen: 1.063 ng/ul
RT: 14.793 min Scan# 1973
Delta R.T. -0.012 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07



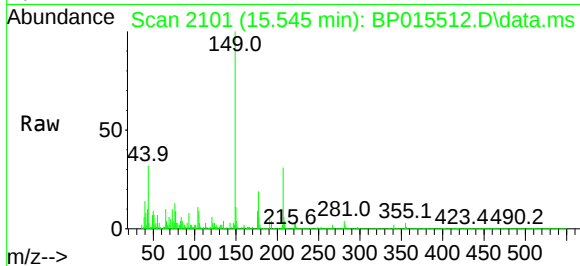
Tgt Ion:153 Resp: 4856
Ion Ratio Lower Upper
153 100
152 40.2 38.3 57.5
154 89.2 69.8 104.6





#59
Diethylphthalate
Concen: 1.281 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

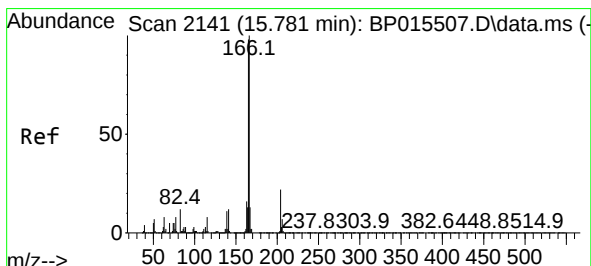
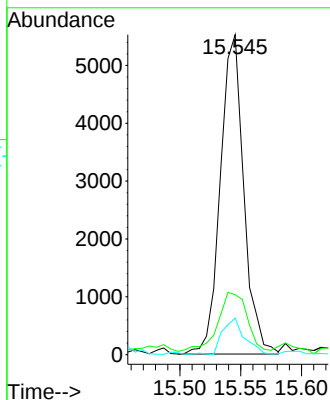
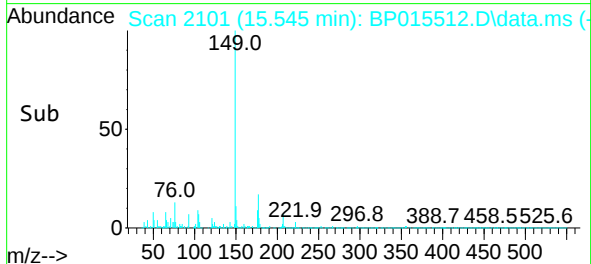
Instrument :
BNA_P
ClientSampleId :
EZEQ1



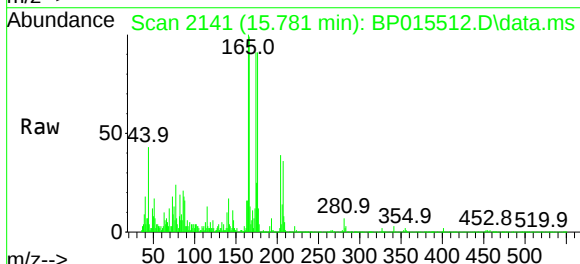
Tgt Ion:149 Resp: 739
Ion Ratio Lower Upper
149 100
177 18.7 17.8 26.8
150 11.4 10.1 15.1

Manual Integrations
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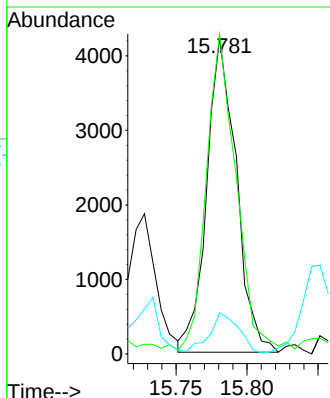
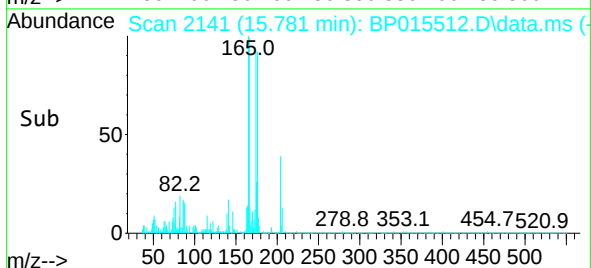
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

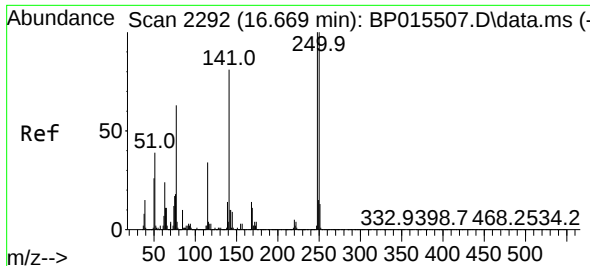


#61
Fluorene
Concen: 1.155 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07



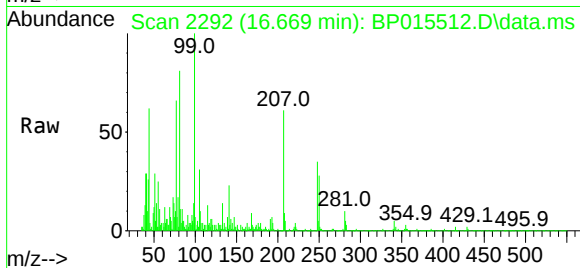
Tgt Ion:166 Resp: 6096
Ion Ratio Lower Upper
166 100
165 101.2 79.1 118.7
167 13.1 10.6 16.0





#68
4-Bromophenyl-phenylether
Concen: 1.060 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

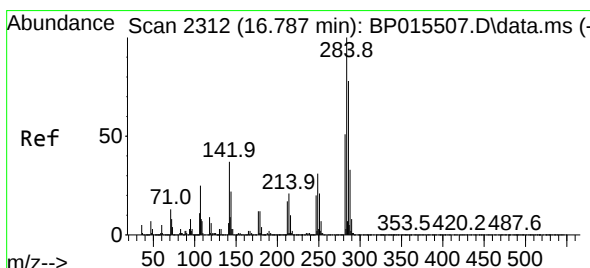
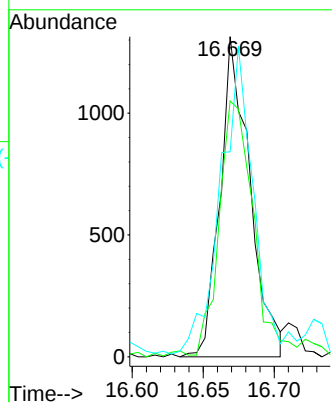
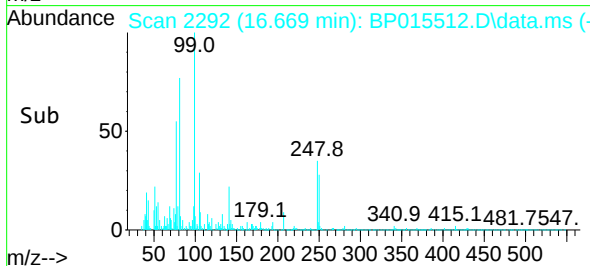
Instrument :
BNA_P
ClientSampleId :
EZEQ1



Tgt Ion:248 Resp: 191
Ion Ratio Lower Upper
248 100
250 79.9 78.3 117.5
141 64.1 61.1 91.7

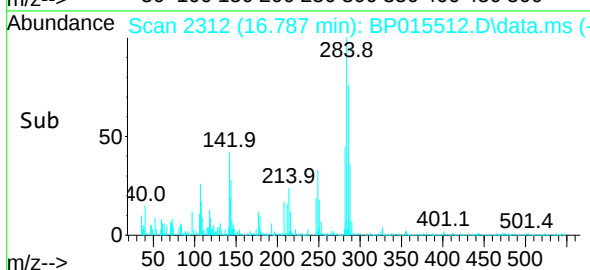
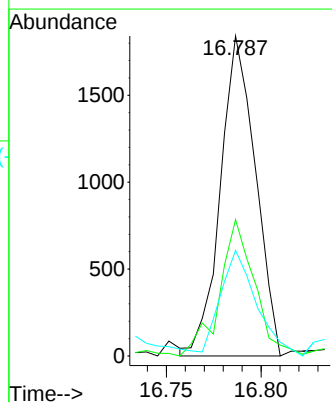
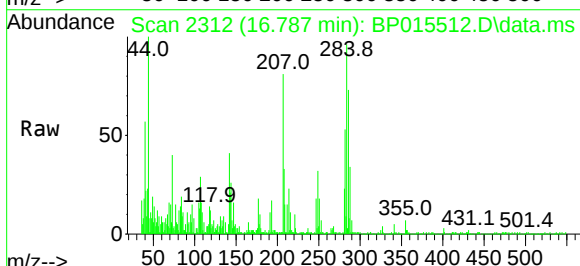
Manual Integrations
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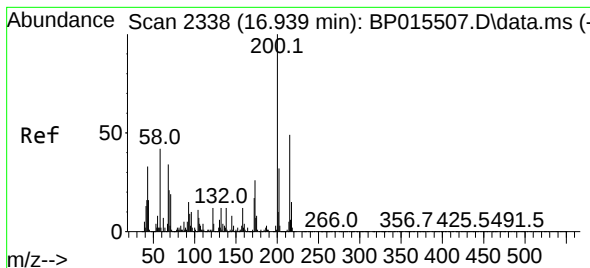
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#69
Hexachlorobenzene
Concen: 1.110 ng/ul
RT: 16.787 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

Tgt Ion:284 Resp: 2368
Ion Ratio Lower Upper
284 100
142 42.6 25.4 38.2#
249 33.0 24.8 37.2





#70

Atrazine

Concen: 1.019 ng/ul

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Instrument :

BNA_P

ClientSampleId :

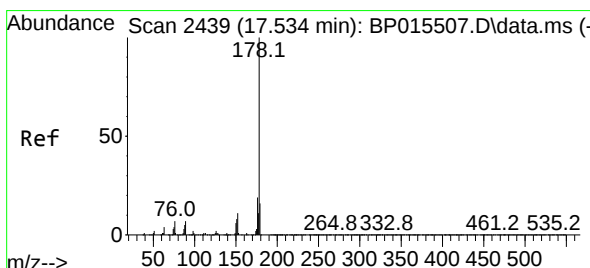
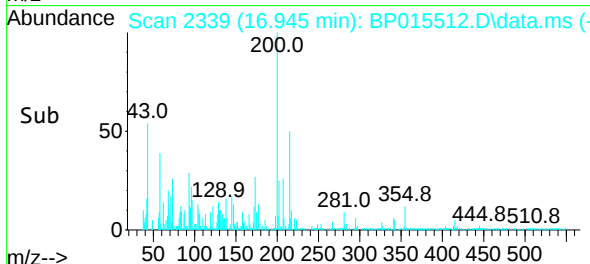
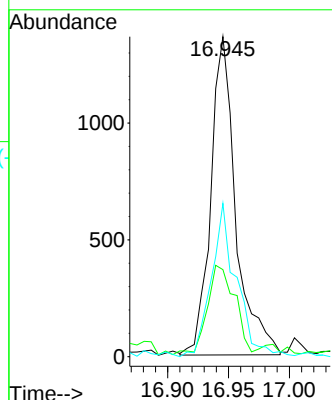
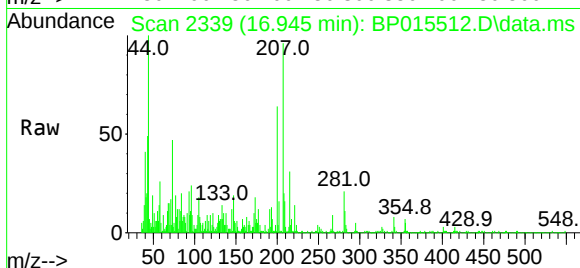
EZEQ1

Tgt Ion:	200	Resp:	195
Ion Ratio	Lower	Upper	
200	100		
173	27.2	19.8	29.6
215	47.9	37.4	56.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#72

Phenanthrene

Concen: 1.223 ng/ul

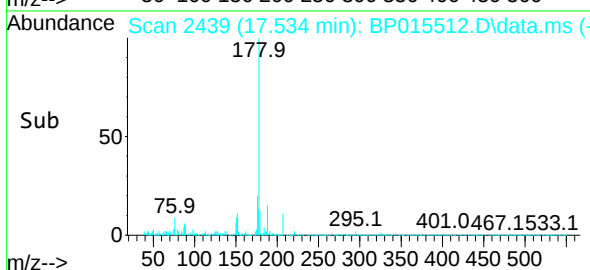
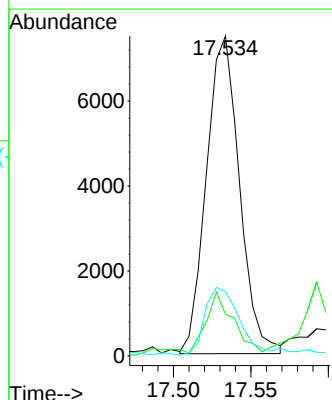
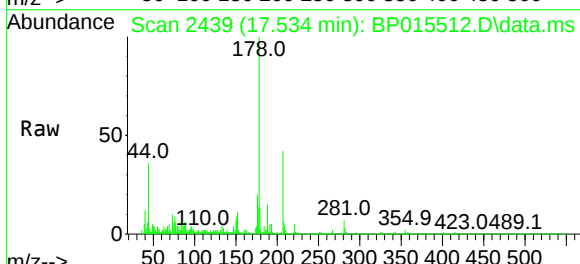
RT: 17.534 min Scan# 2439

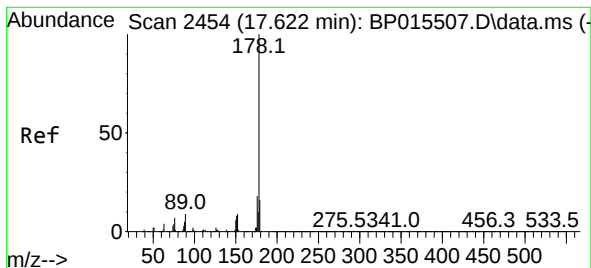
Delta R.T. -0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Tgt Ion:	178	Resp:	11094
Ion Ratio	Lower	Upper	
178	100		
179	13.0	12.3	18.5
176	20.1	15.4	23.0





#74

Anthracene

Concen: 1.160 ng/uL

RT: 17.622 min Scan# 2454

Delta R.T. -0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZEQ1

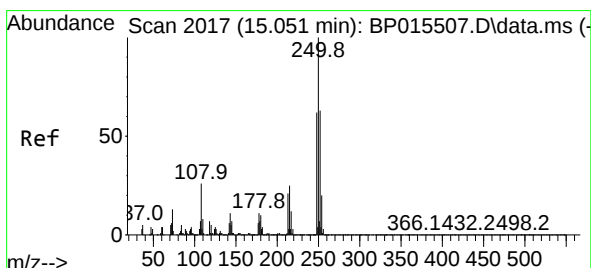
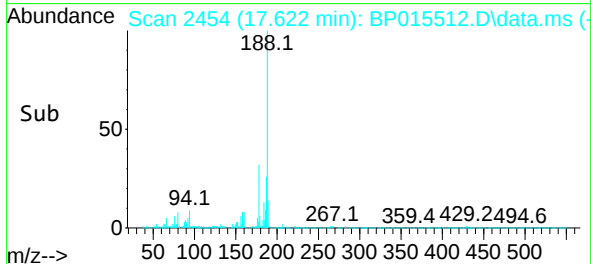
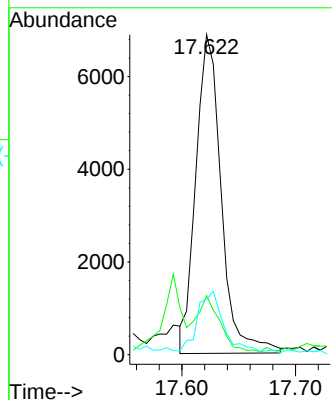
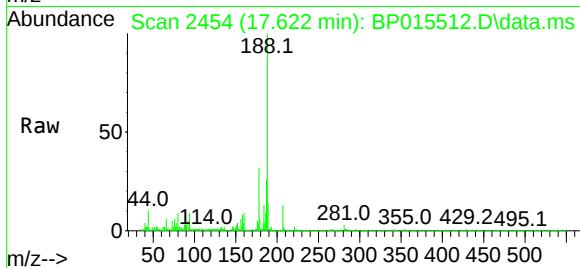
Tgt Ion:	178	Resp:	1067
Ion Ratio	Lower	Upper	
178	100		
179	18.4	12.4	18.6
176	17.3	15.0	22.4

Manual Integrations

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Supervised By :mohammad ahmed 06/16/2023



#76

Pentachlorobenzene

Concen: 1.013 ng/uL

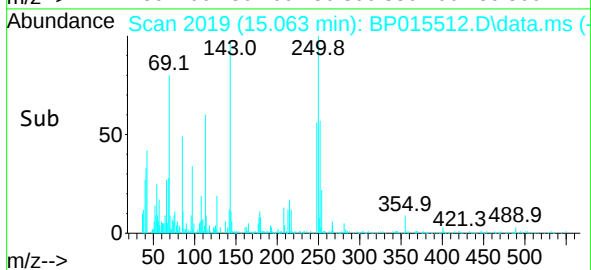
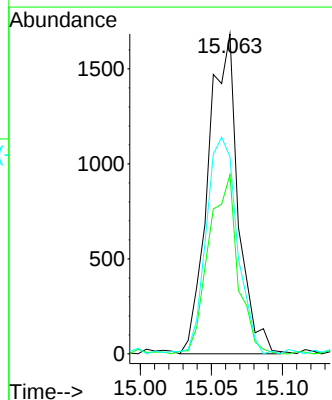
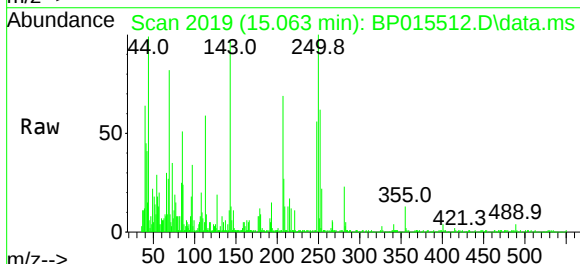
RT: 15.063 min Scan# 2019

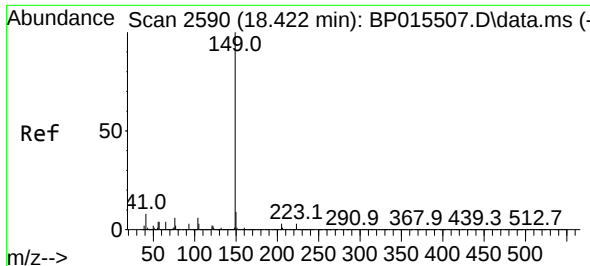
Delta R.T. 0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

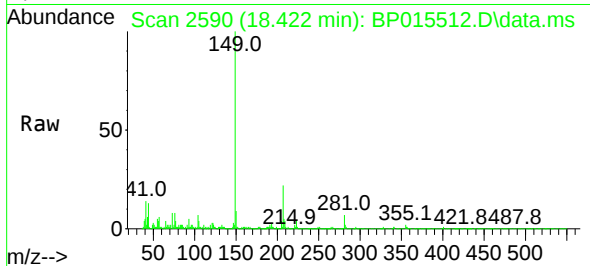
Tgt Ion:	250	Resp:	2475
Ion Ratio	Lower	Upper	
250	100		
248	56.1	49.0	73.4
252	61.5	49.9	74.9





#78
Di-n-butylphthalate
Concen: 2.391 ng/ul
RT: 18.422 min Scan# 2590
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

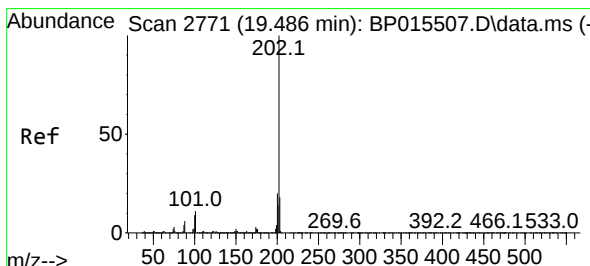
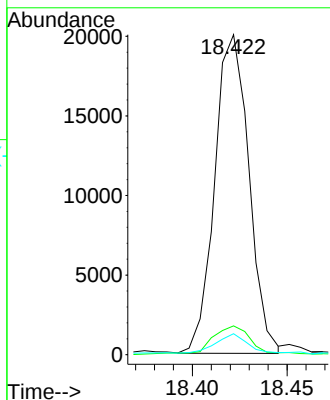
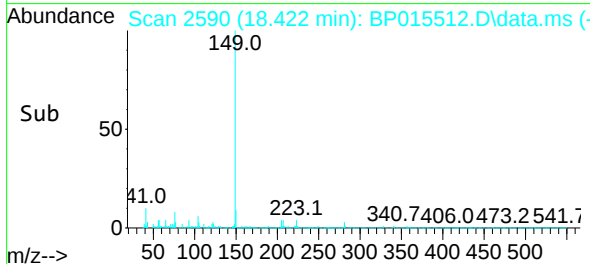
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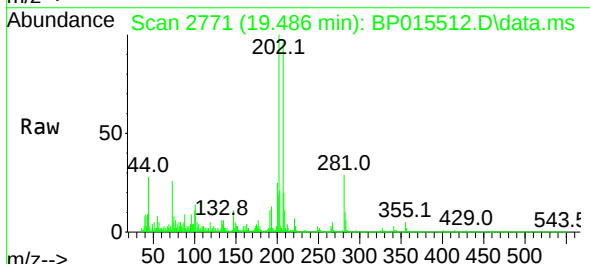
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Ion Ratio Lower Upper
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150 9.0 7.1 10.7
104 6.5 4.5 6.7

Manual Integrations
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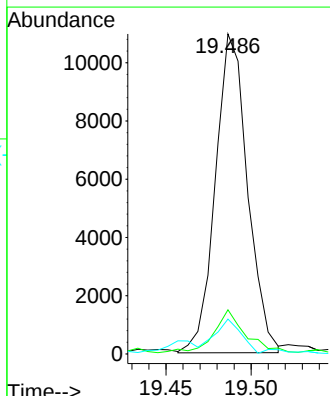
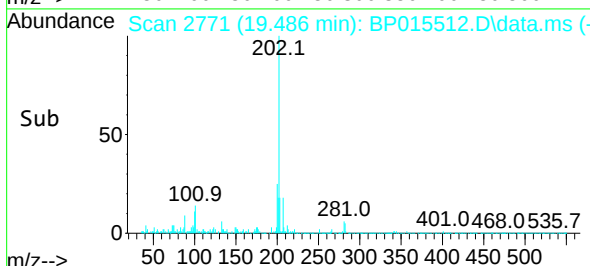
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

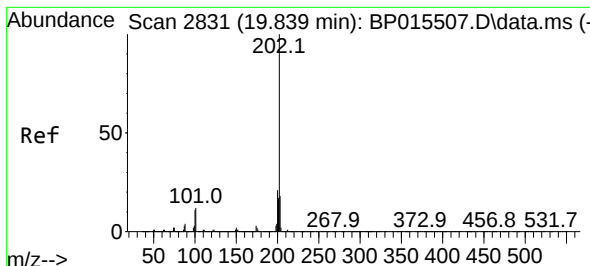


#80
Fluoranthene
Concen: 1.383 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07



Tgt Ion:202 Resp: 14364
Ion Ratio Lower Upper
202 100
101 13.8 8.6 13.0#
100 10.9 6.6 9.8#





#82

Pyrene

Concen: 1.560 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZEQ1

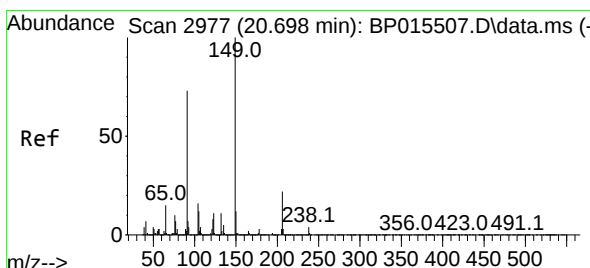
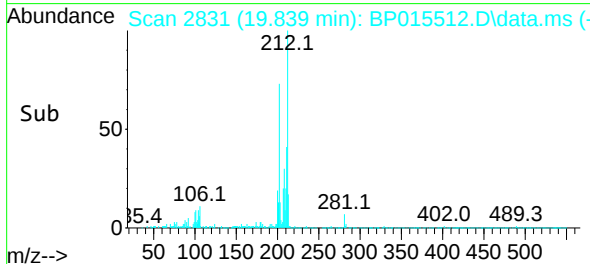
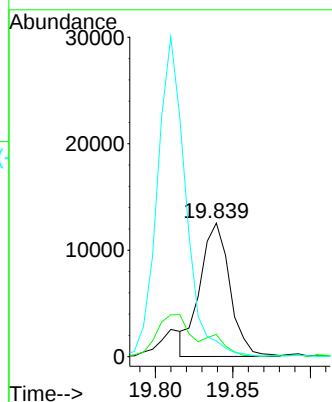
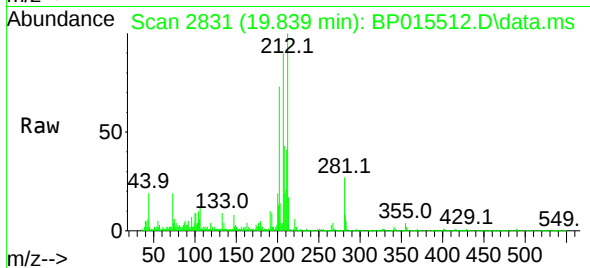
Tgt Ion:	202	Resp:	16760
Ion Ratio	Lower	Upper	
202	100		
101	16.6	9.9	14.9
100	11.7	8.4	12.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#83

Butylbenzylphthalate

Concen: 1.160 ng/ul

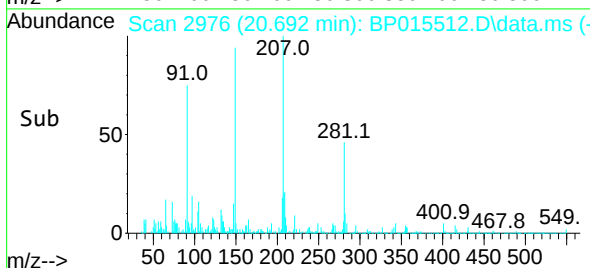
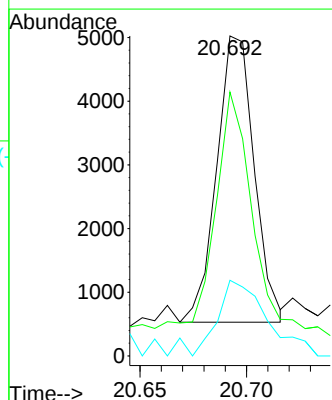
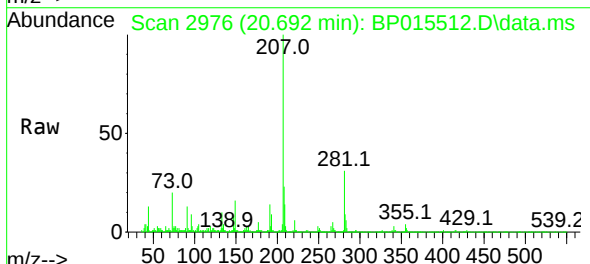
RT: 20.692 min Scan# 2976

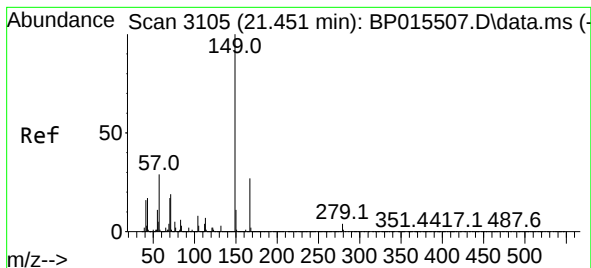
Delta R.T. -0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Tgt Ion:	149	Resp:	5512
Ion Ratio	Lower	Upper	
149	100		
91	82.5	60.4	90.6
206	23.7	16.4	24.6





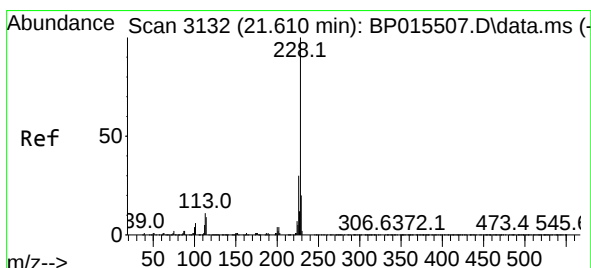
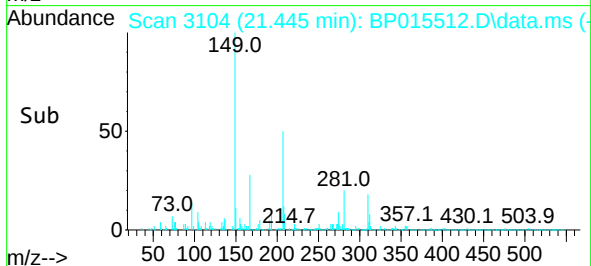
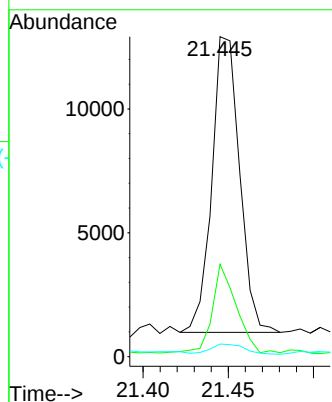
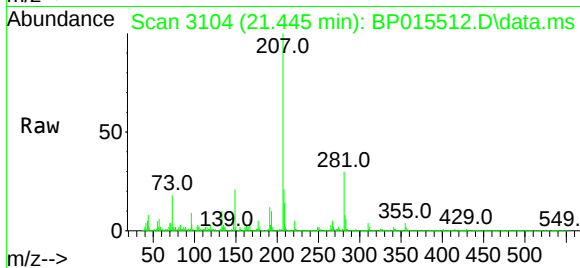
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.932 ng/ul
RT: 21.445 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

Instrument :
BNA_P
ClientSampleId :
EZEQ1

Tgt Ion:149 Resp: 1356
Ion Ratio Lower Upper
149 100
167 28.9 21.8 32.8
279 4.0 3.7 5.5

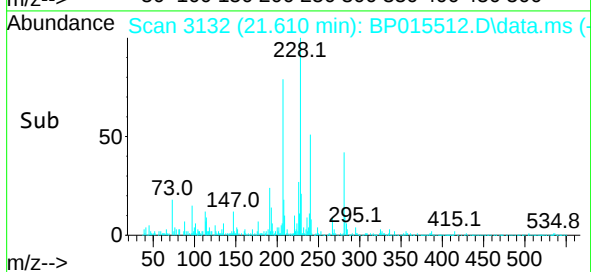
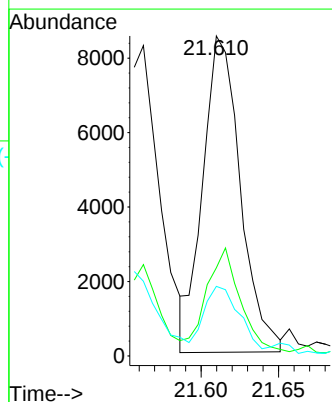
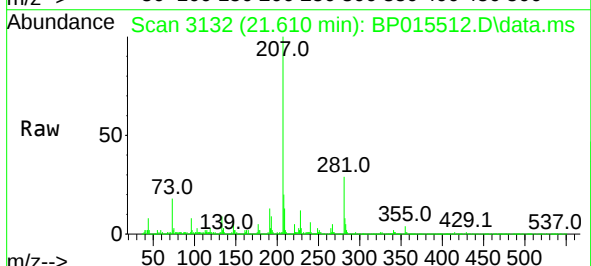
Manual Integrations
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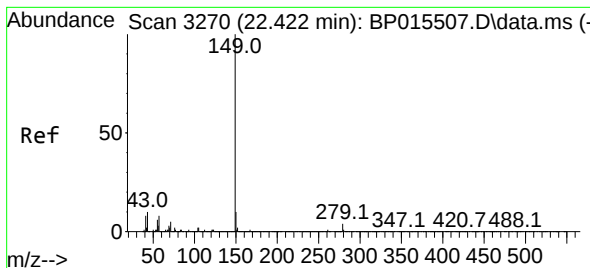
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#87
Chrysene
Concen: 1.361 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

Tgt Ion:228 Resp: 14331
Ion Ratio Lower Upper
228 100
226 27.5 23.9 35.9
229 21.7 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 1.197 ng/ul

RT: 22.416 min Scan# 3269

Delta R.T. -0.006 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZEQ1

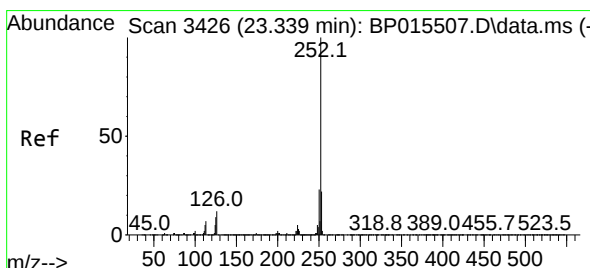
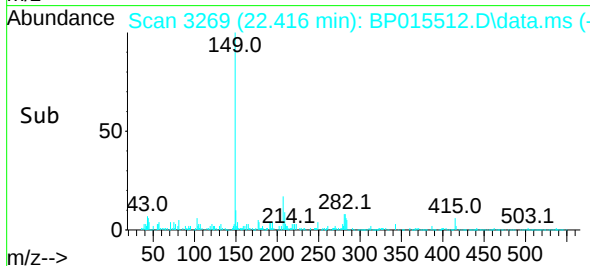
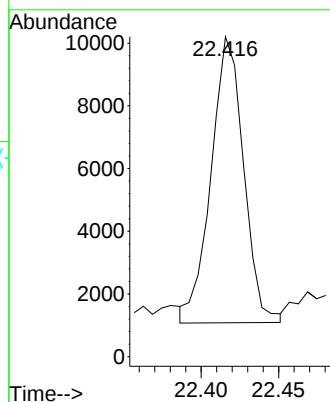
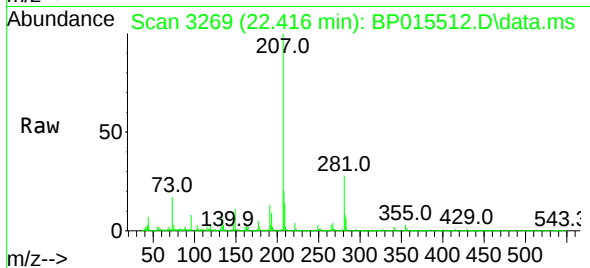
Tgt Ion:149 Resp: 13300

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#90

Benzo(b)fluoranthene

Concen: 1.354 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP015512.D

Acq: 14 Jun 2023 12:07

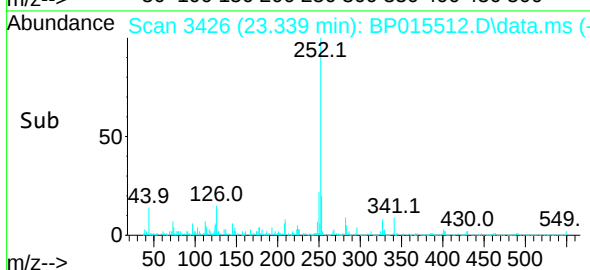
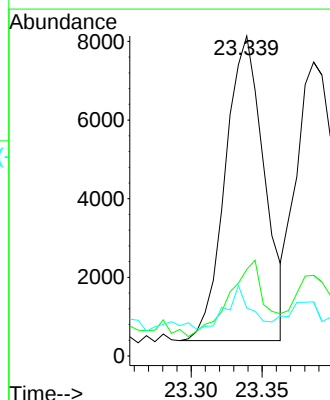
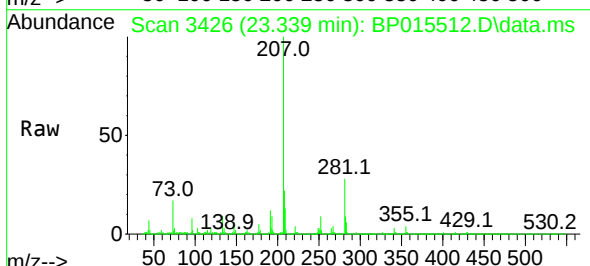
Tgt Ion:252 Resp: 14771

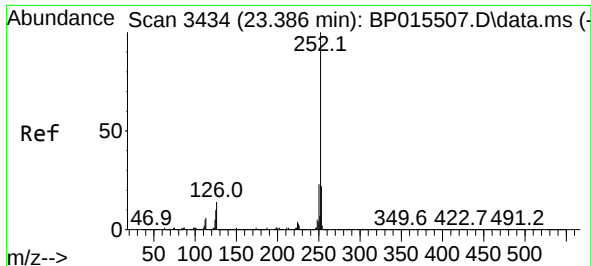
Ion Ratio Lower Upper

252 100

253 27.0 17.4 26.2#

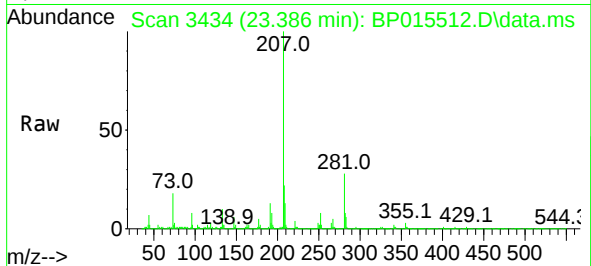
125 15.0 7.3 10.9#





#91
Benzo(k)fluoranthene
Concen: 1.322 ng/u1
RT: 23.386 min Scan# 3434
Delta R.T. -0.000 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07

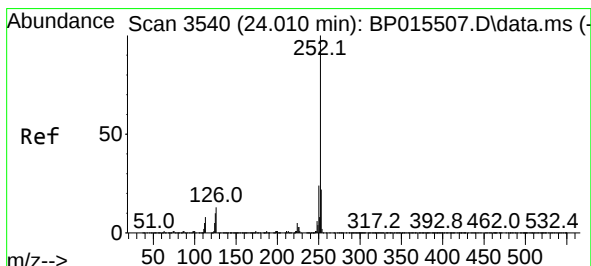
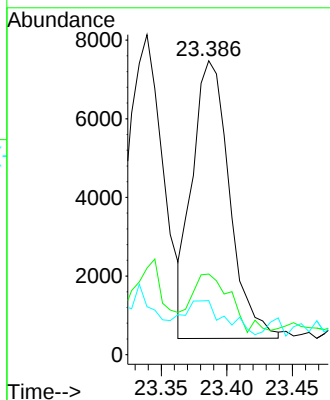
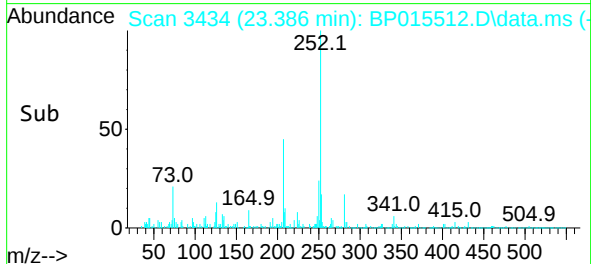
Instrument :
BNA_P
ClientSampleId :
EZEQ1



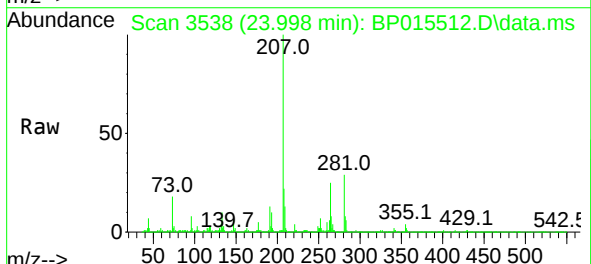
Tgt Ion:252 Resp: 13939
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5
125 18.4 7.3 10.9

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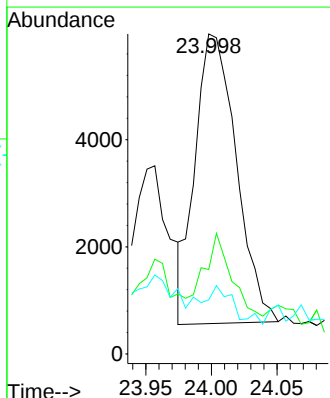
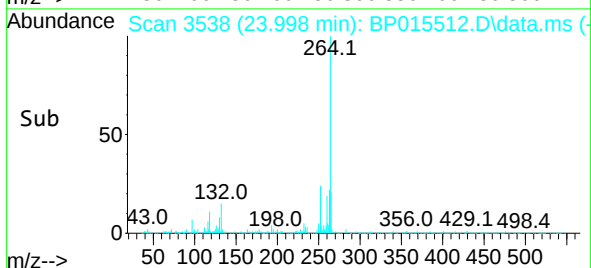
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

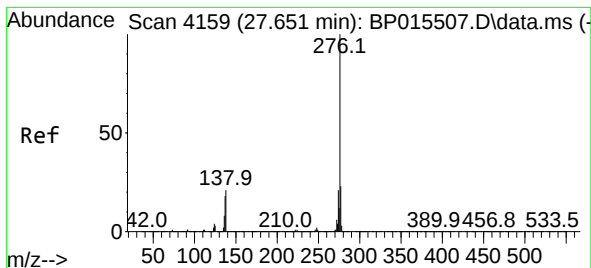


#93
Benzo(a)pyrene
Concen: 1.238 ng/u1
RT: 23.998 min Scan# 3538
Delta R.T. -0.012 min
Lab File: BP015512.D
Acq: 14 Jun 2023 12:07



Tgt Ion:252 Resp: 11777
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.6
125 16.9 8.1 12.1





#96

Benzo(g,h,i)perylene

Concen: 1.166 ng/ul

RT: 27.674 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP015512.D

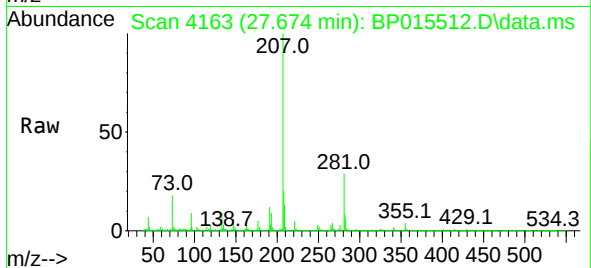
Acq: 14 Jun 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZEQ1



Tgt Ion:276 Resp: 11820

Ion Ratio Lower Upper

276 100

138 32.4 15.6 23.4

277 20.6 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023

