

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015992.D
 Acq On : 05 Jul 2023 00:44
 Operator : MA/JU
 Sample : 03244-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 03:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	272714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1173726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	670312	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1245357	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	716794	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	980682	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	20613	2.719	ng/uL	0.00
4) Pyridine-d5	3.834	84	74502	3.899	ng/u1	0.02
7) Phenol-d5	7.240	99	357835	15.335	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	283728	19.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	324433	18.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	310216	16.829	ng/u1	0.01
21) Nitrobenzene-d5	9.240	128	163182	18.192	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	169380	16.179	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	266438	14.282	ng/u1	0.04
31) 4-Chloroaniline-d4	11.063	131	275839	11.510	ng/u1	0.04
46) Dimethylphthalate-d6	14.104	166	1018972	19.667	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1146138	19.679	ng/u1	0.00
54) 4-Nitrophenol-d4	15.040	143	37850m	5.536	ng/u1	0.09
60) Fluorene-d10	15.687	176	826119	19.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	29338	3.831	ng/u1	0.02
73) Anthracene-d10	17.551	188	1112165	19.551	ng/u1	0.00
81) Pyrene-d10	19.781	212	991544	21.185	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1011650	20.450	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.416	152	78840	1.229	ng/u1	100
52) Acenaphthene	14.757	153	406214	9.128	ng/u1	97
61) Fluorene	15.746	166	432552	8.633	ng/u1	99
72) Phenanthrene	17.498	178	9024113	133.384	ng/u1	99
74) Anthracene	17.592	178	2599217	38.234	ng/u1	99
80) Fluoranthene	19.469	202	15571080	267.685	ng/u1	99
82) Pyrene	19.822	202	13160849	221.797	ng/u1	98
85) Benzo(a)anthracene	21.533	228	8185562	162.338	ng/u1	96
87) Chrysene	21.592	228	8999006m	188.109	ng/u1	
90) Benzo(b)fluoranthene	23.327	252	12672670	201.112	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	4274084	67.133	ng/u1	95
93) Benzo(a)pyrene	23.992	252	7963054	144.625	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.810	276	6241886	83.509	ng/u1	98
95) Dibenzo(a,h)anthracene	26.798	278	1862014	30.329	ng/u1#	80
96) Benzo(g,h,i)perylene	27.645	276	5442259	88.505	ng/u1	95

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

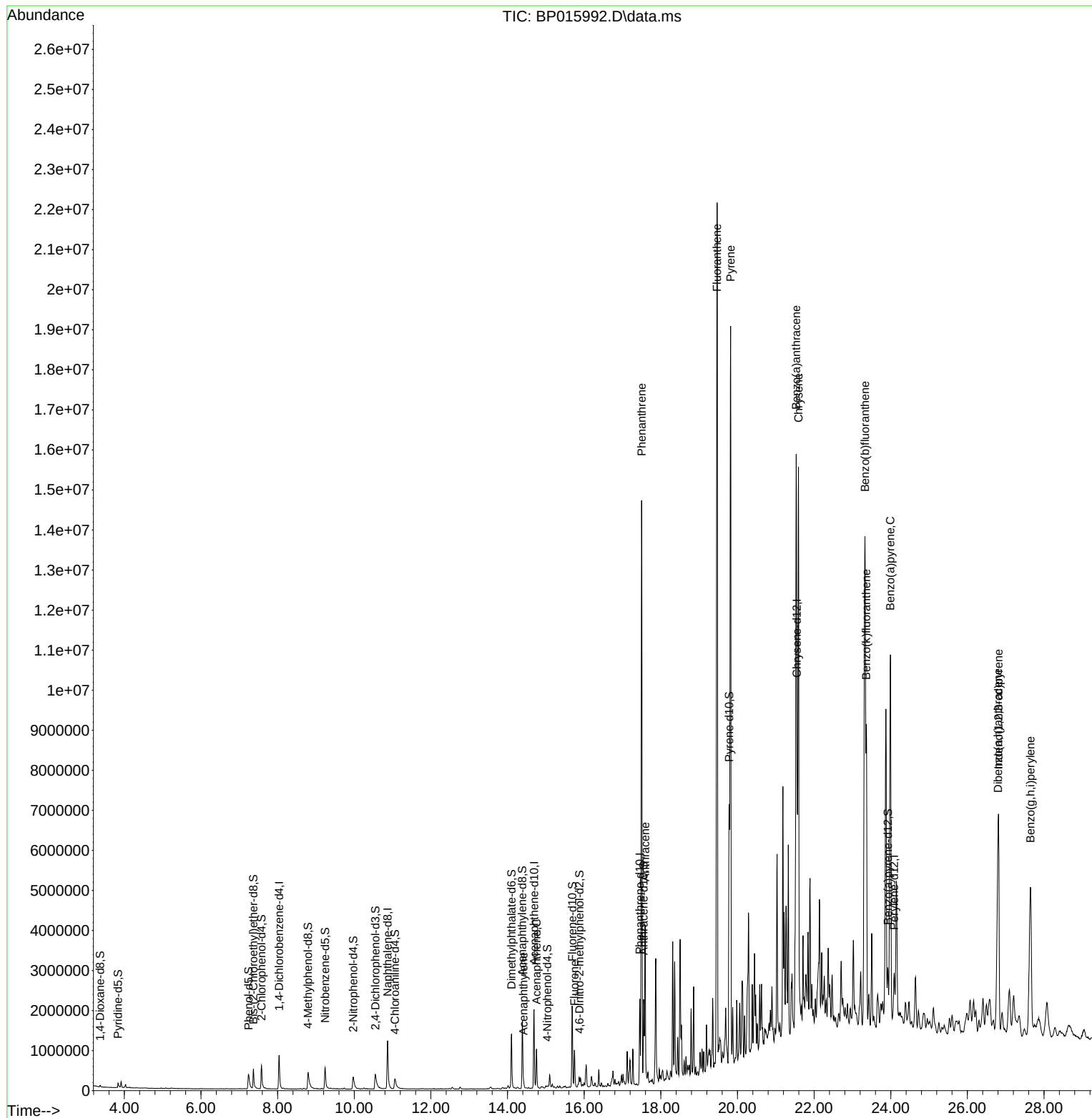
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015992.D
Acq On : 05 Jul 2023 00:44
Operator : MA/JU
Sample : 03244-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

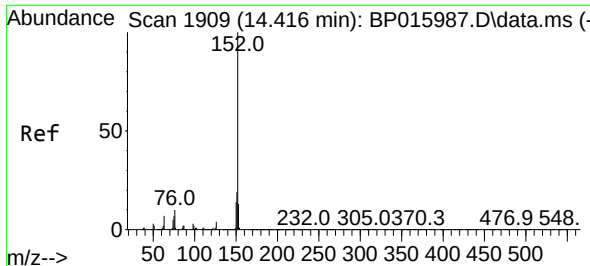
Instrument :
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DCGE6

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Supervised By :mohammad ahmed 07/05/2023

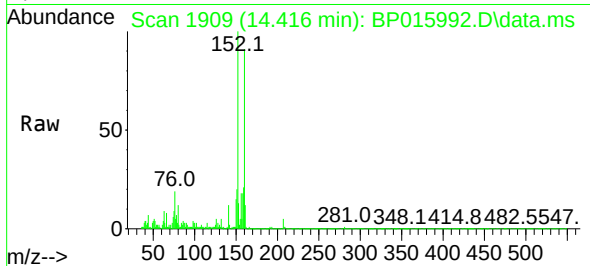
Quant Time: Jul 05 03:16:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.229 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

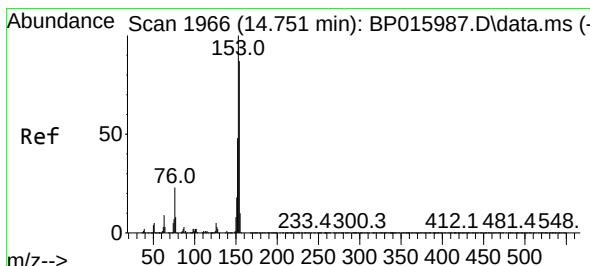
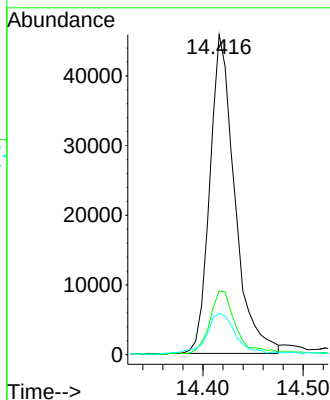
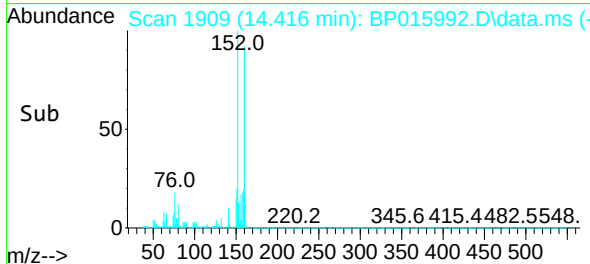
Instrument :
BNA_P
ClientSampleId :
DCGE6



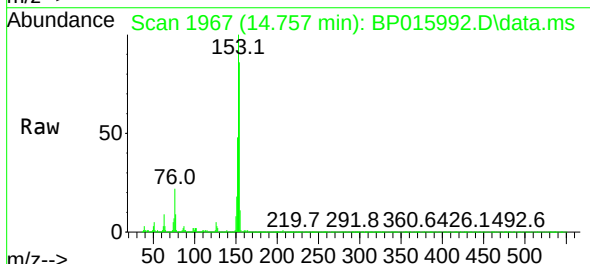
Tgt Ion:152 Resp: 78840
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.5 15.7

Manual Integrations
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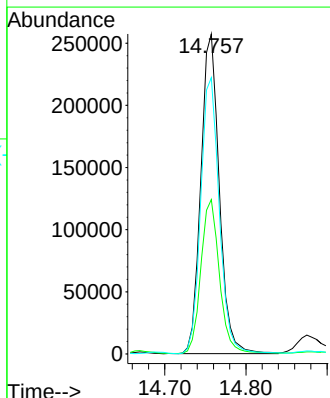
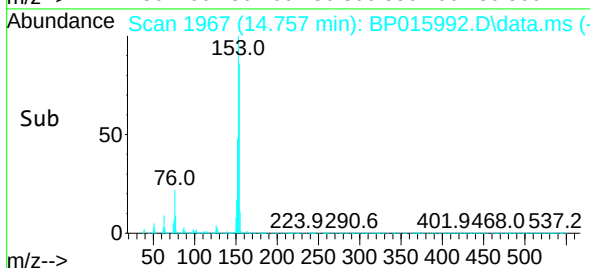
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

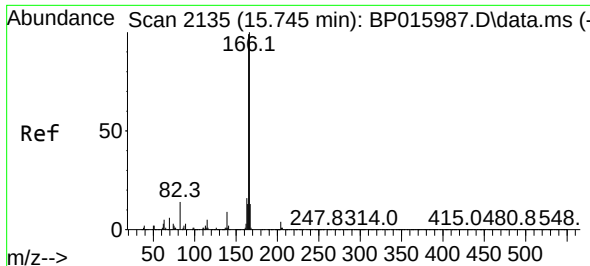


#52
Acenaphthene
Concen: 9.128 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44



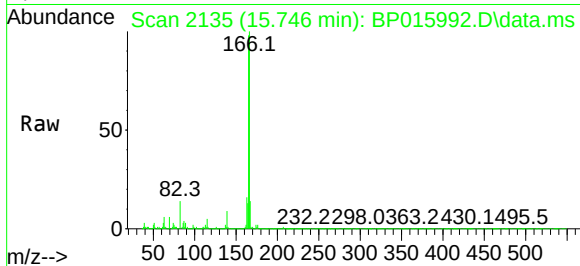
Tgt Ion:153 Resp: 406214
Ion Ratio Lower Upper
153 100
152 48.2 39.4 59.2
154 86.3 71.4 107.2





#61
Fluorene
Concen: 8.633 ng/ul
RT: 15.746 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

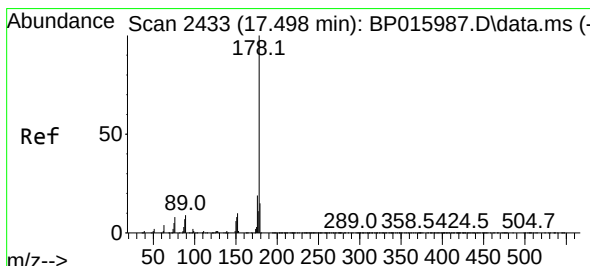
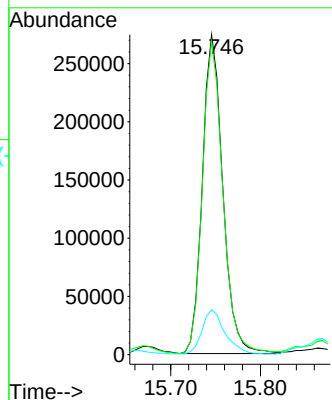
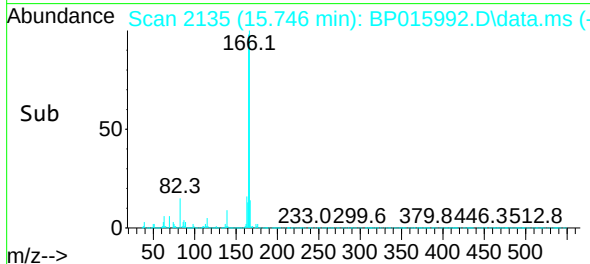
Instrument :
BNA_P
ClientSampleId :
DCGE6



Tgt Ion:166 Resp: 432552
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 14.1 10.5 15.7

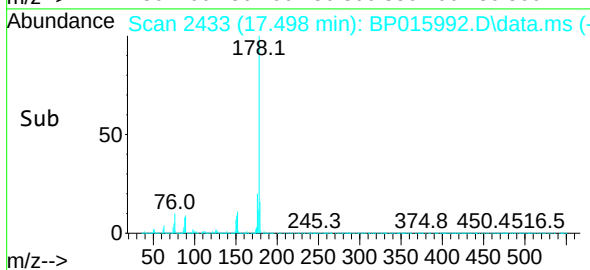
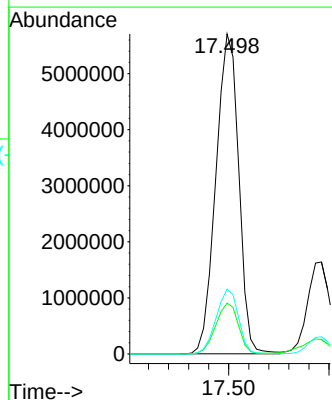
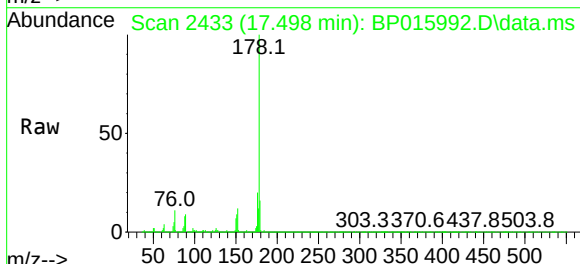
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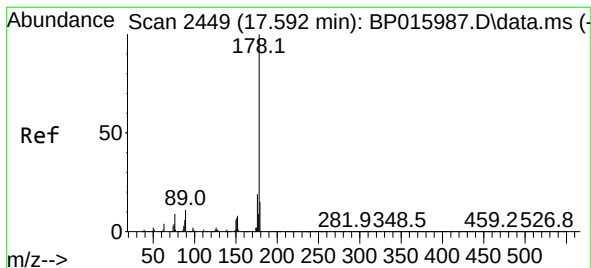
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#72
Phenanthrene
Concen: 133.384 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

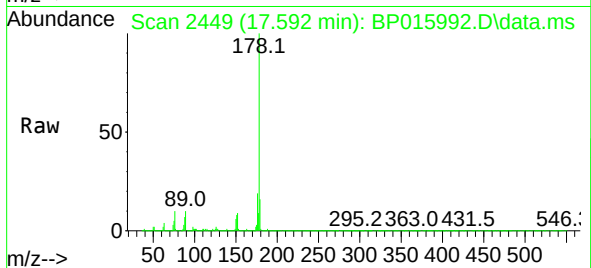
Tgt Ion:178 Resp: 9024113
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.3 15.6 23.4





#74
 Anthracene
 Concen: 38.234 ng/u1
 RT: 17.592 min Scan# 2449
 Delta R.T. -0.005 min
 Lab File: BP015992.D
 Acq: 05 Jul 2023 00:44

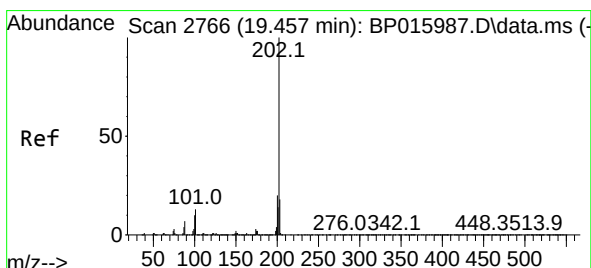
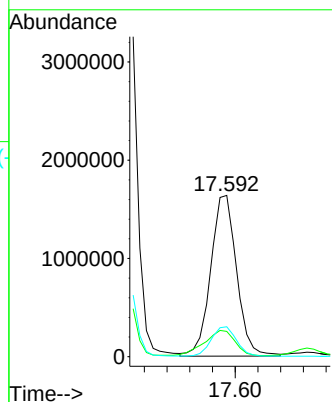
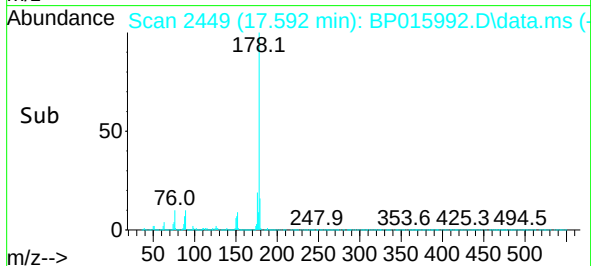
Instrument :
 BNA_P
 ClientSampleId :
 DCGE6



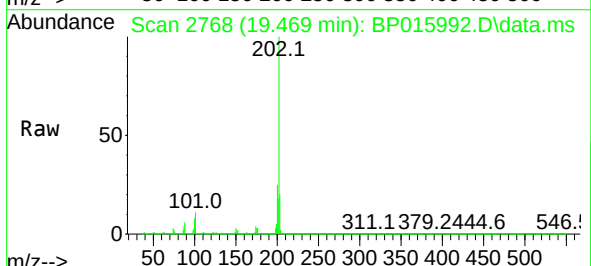
Tgt Ion:178 Resp: 2599217
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 18.6 14.6 22.0

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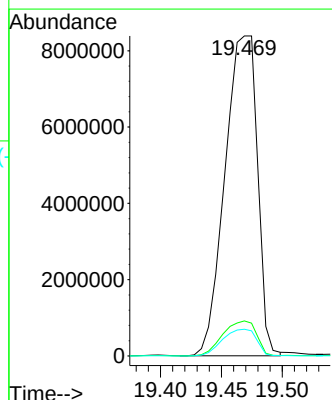
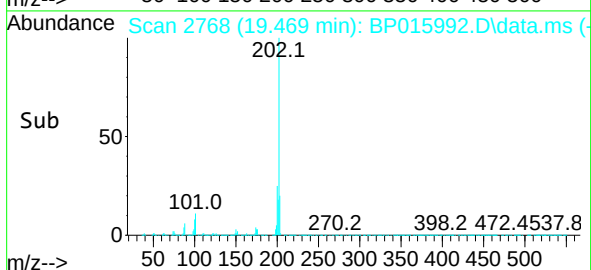
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

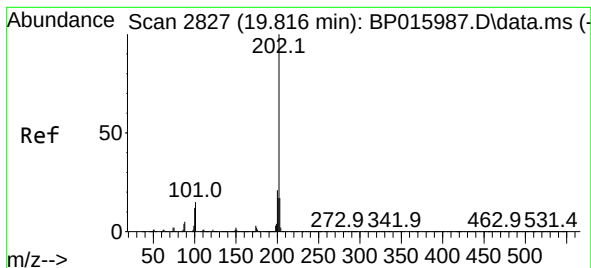


#80
 Fluoranthene
 Concen: 267.685 ng/u1
 RT: 19.469 min Scan# 2768
 Delta R.T. 0.006 min
 Lab File: BP015992.D
 Acq: 05 Jul 2023 00:44



Tgt Ion:202 Resp:15571080
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.3 12.5
 100 8.3 6.6 9.8





#82

Pyrene

Concen: 221.797 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

DCGE6

Tgt Ion:202 Resp:13160849

Ion Ratio Lower Upper

202 100

101 12.5 9.3 13.9

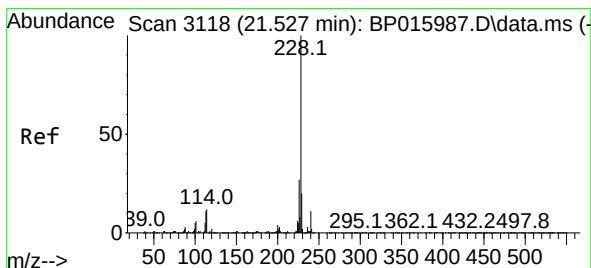
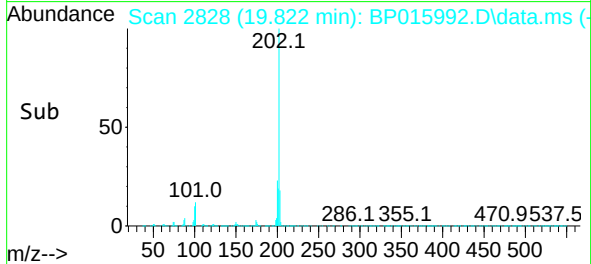
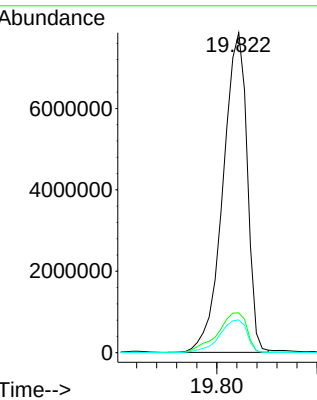
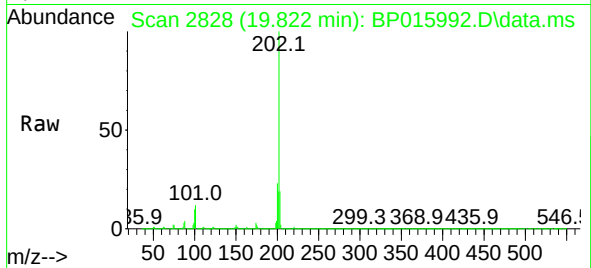
100 10.3 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#85

Benzo(a)anthracene

Concen: 162.338 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

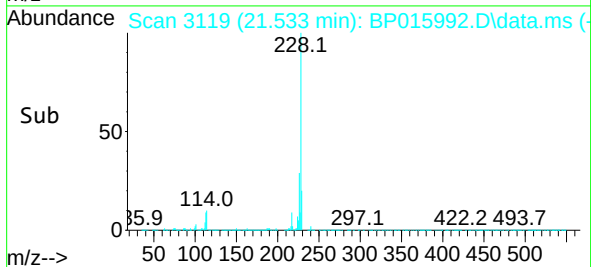
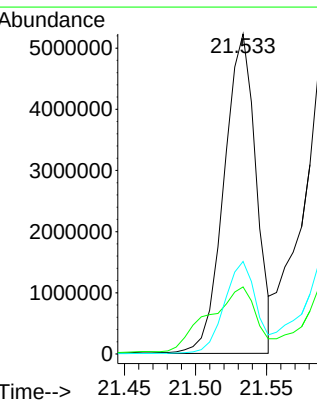
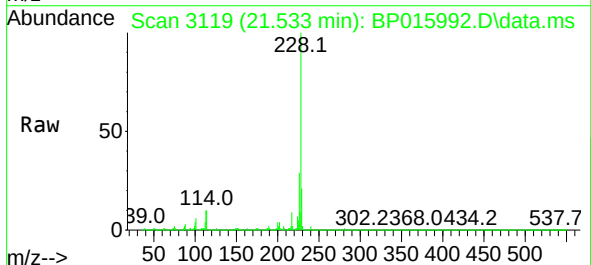
Tgt Ion:228 Resp: 8185562

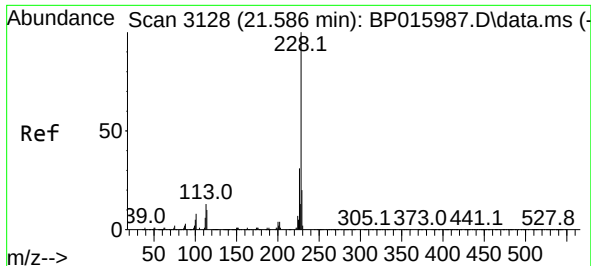
Ion Ratio Lower Upper

228 100

229 20.9 15.3 22.9

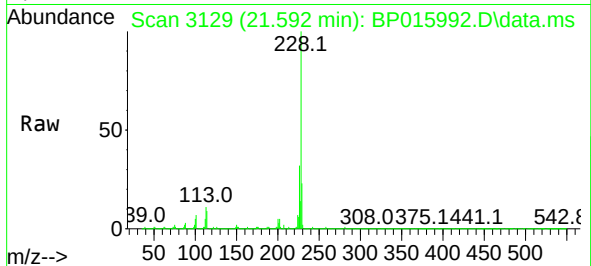
226 28.9 21.4 32.0





#87
Chrysene
Concen: 188.109 ng/ul m
RT: 21.592 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

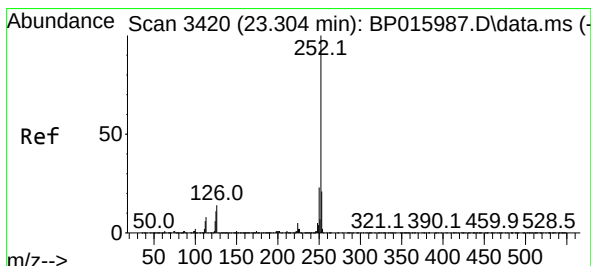
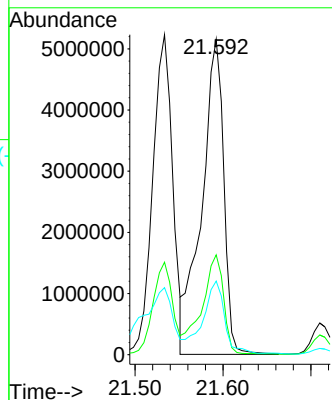
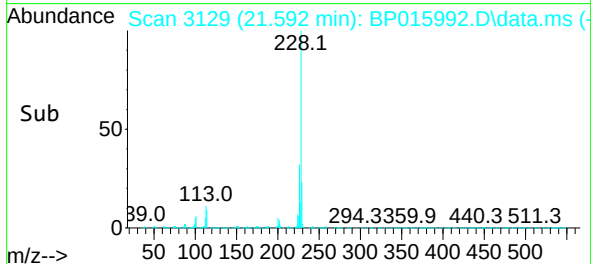
Instrument :
BNA_P
ClientSampleId :
DCGE6



Tgt Ion:228 Resp: 8999000
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 23.3 15.5 23.3

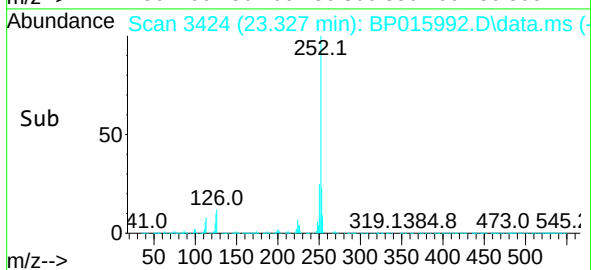
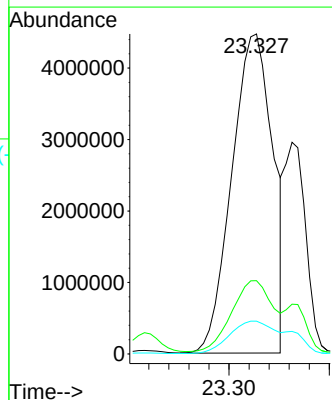
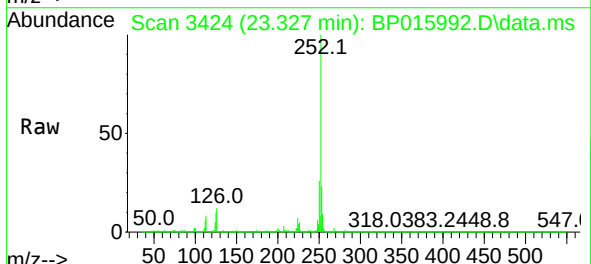
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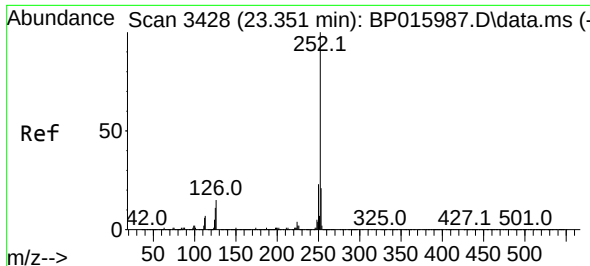
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#90
Benzo(b)fluoranthene
Concen: 201.112 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.018 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

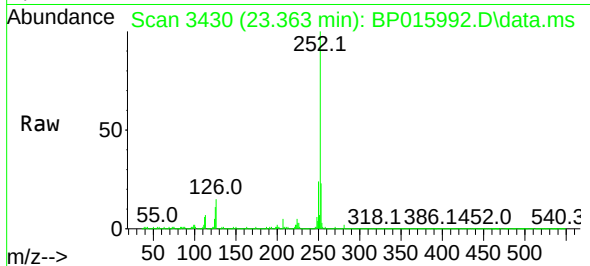
Tgt Ion:252 Resp:12672670
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.2 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 67.133 ng/u1
RT: 23.363 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

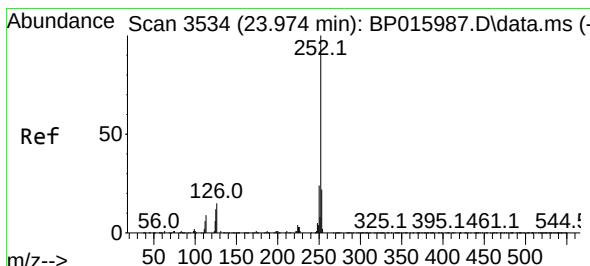
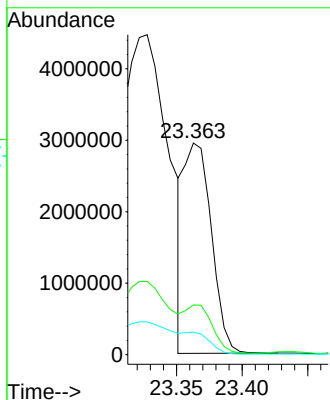
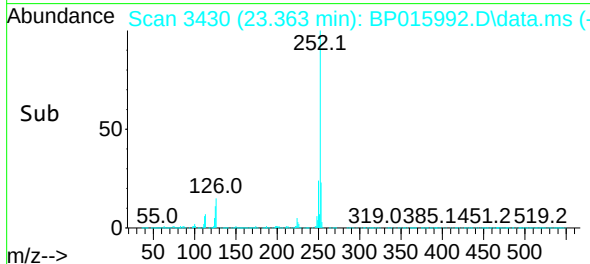
Instrument :
BNA_P
ClientSampleId :
DCGE6



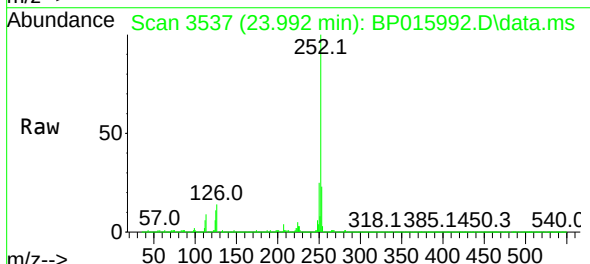
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Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 10.7 7.3 10.9

Manual Integrations
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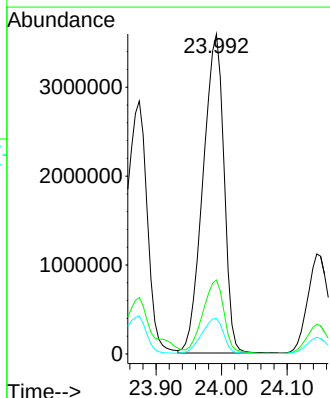
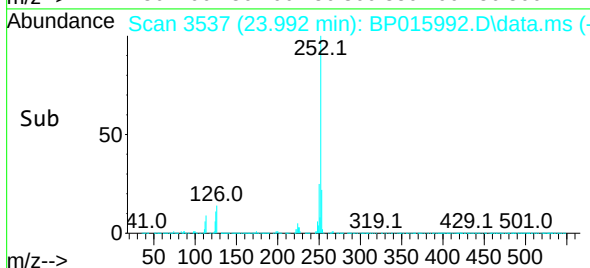
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

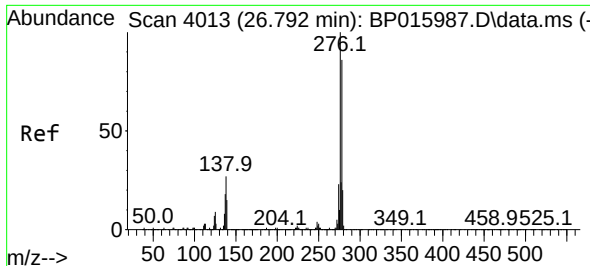


#93
Benzo(a)pyrene
Concen: 144.625 ng/u1
RT: 23.992 min Scan# 3537
Delta R.T. 0.012 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44



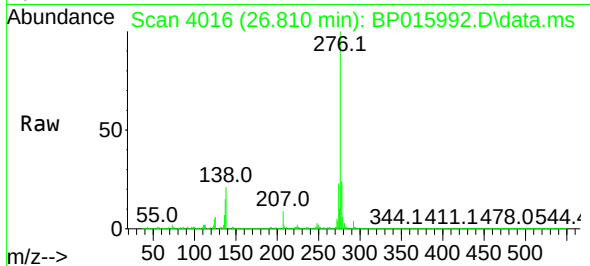
Tgt Ion:252 Resp: 7963054
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.1 8.2 12.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 83.509 ng/ul
RT: 26.810 min Scan# 4016
Delta R.T. 0.018 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

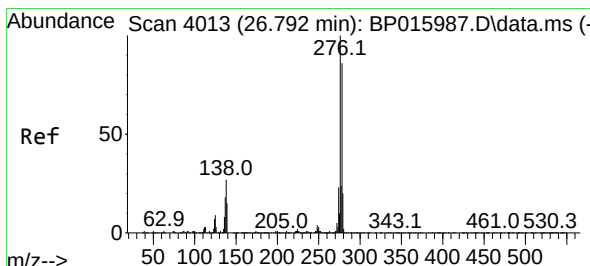
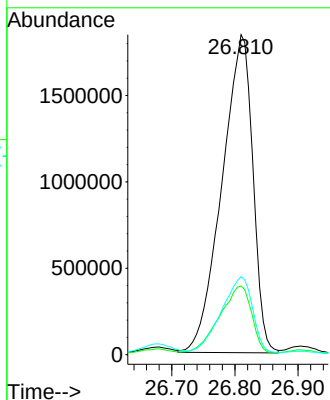
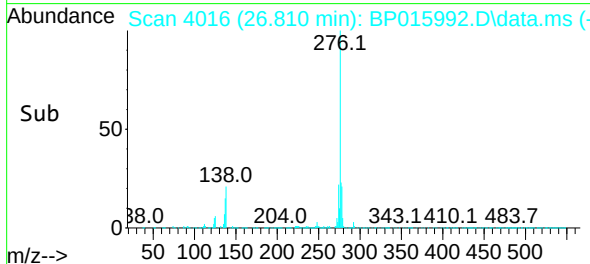
Instrument :
BNA_P
ClientSampleId :
DCGE6



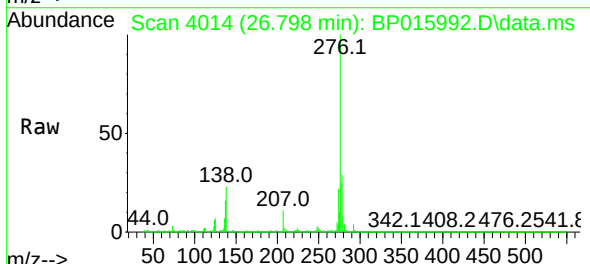
Tgt Ion:276 Resp: 624188
Ion Ratio Lower Upper
276 100
138 21.5 15.7 23.5
277 24.4 19.6 29.4

Manual Integrations
APPROVED

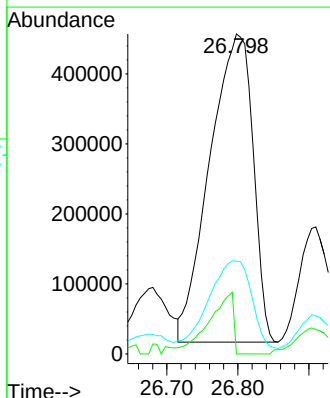
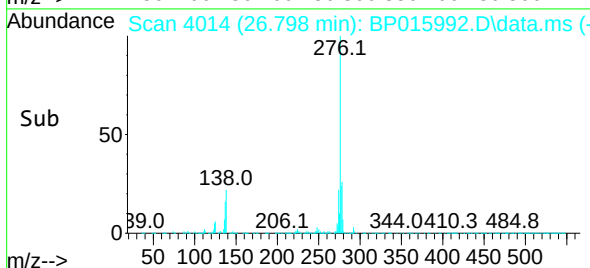
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

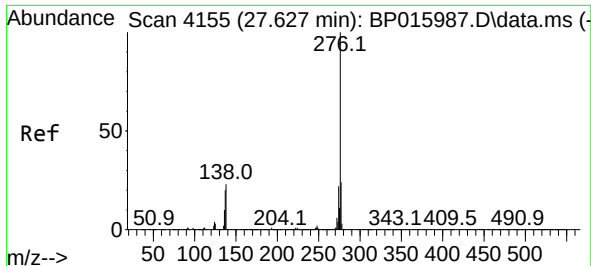


#95
Dibenzo(a,h)anthracene
Concen: 30.329 ng/ul
RT: 26.798 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44



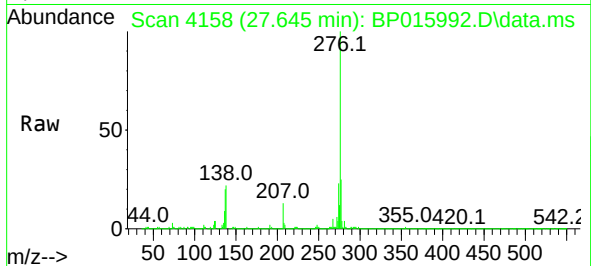
Tgt Ion:278 Resp: 1862014
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7#
279 29.0 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 88.505 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.018 min
 Lab File: BP015992.D
 Acq: 05 Jul 2023 00:44

Instrument :
 BNA_P
 ClientSampleId :
 DCGE6



Tgt Ion:276 Resp: 5442259
 Ion Ratio Lower Upper
 276 100
 138 22.4 15.1 22.7
 277 25.0 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

