

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013035.D
 Acq On : 10 Dec 2022 12:29
 Operator : CG/JU
 Sample : N5832-15ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXL0ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

Quant Time: Dec 11 23:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	688530	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.787	136	2947064	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1923192	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4212441	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3431186	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3352081	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	82794	5.141	ng/uL	0.00
4) Pyridine-d5	3.781	84	501262	10.958	ng/u1	0.00
7) Phenol-d5	7.128	99	1852603	33.034	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	1123411	33.206	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1515818	34.334	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	1552277	33.780	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	785331	36.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	908296	37.260	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	1647167	34.788	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.922	131	1525355	22.820	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	5219045	35.310	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	5848626	36.011	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	768699	28.912	ng/u1	0.00
60) Fluorene-d10	15.604	176	4501315	35.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	773006	28.516	ng/u1	0.00
73) Anthracene-d10	17.475	188	6945563	36.547	ng/u1	0.00
81) Pyrene-d10	19.704	212	7640301	38.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	6318110	37.815	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.834	128	374061	2.427	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	306923	2.903	ng/u1	98
50) Acenaphthylene	14.334	152	569777	3.263	ng/u1	99
52) Acenaphthene	14.675	153	1186621	9.807	ng/u1	98
61) Fluorene	15.663	166	3786880	27.447	ng/u1	99
72) Phenanthrene	17.410	178	14663809	66.833	ng/u1	95
74) Anthracene	17.504	178	24286320m	110.856	ng/u1	
80) Fluoranthene	19.369	202	18722200m	83.755	ng/u1	
82) Pyrene	19.727	202	19022369m	82.496	ng/u1	
85) Benzo(a)anthracene	21.439	228	9478413	41.612	ng/u1	97
87) Chrysene	21.498	228	11148545	51.756	ng/u1	97
90) Benzo(b)fluoranthene	23.186	252	12508529	58.518	ng/u1	98
91) Benzo(k)fluoranthene	23.227	252	3473484m	16.387	ng/u1	
93) Benzo(a)pyrene	23.839	252	5116061	27.488	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	2621549	11.308	ng/u1	98
95) Dibenzo(a,h)anthracene	26.551	278	691574	3.603	ng/u1#	85
96) Benzo(g,h,i)perylene	27.351	276	1732814	9.310	ng/u1	99

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

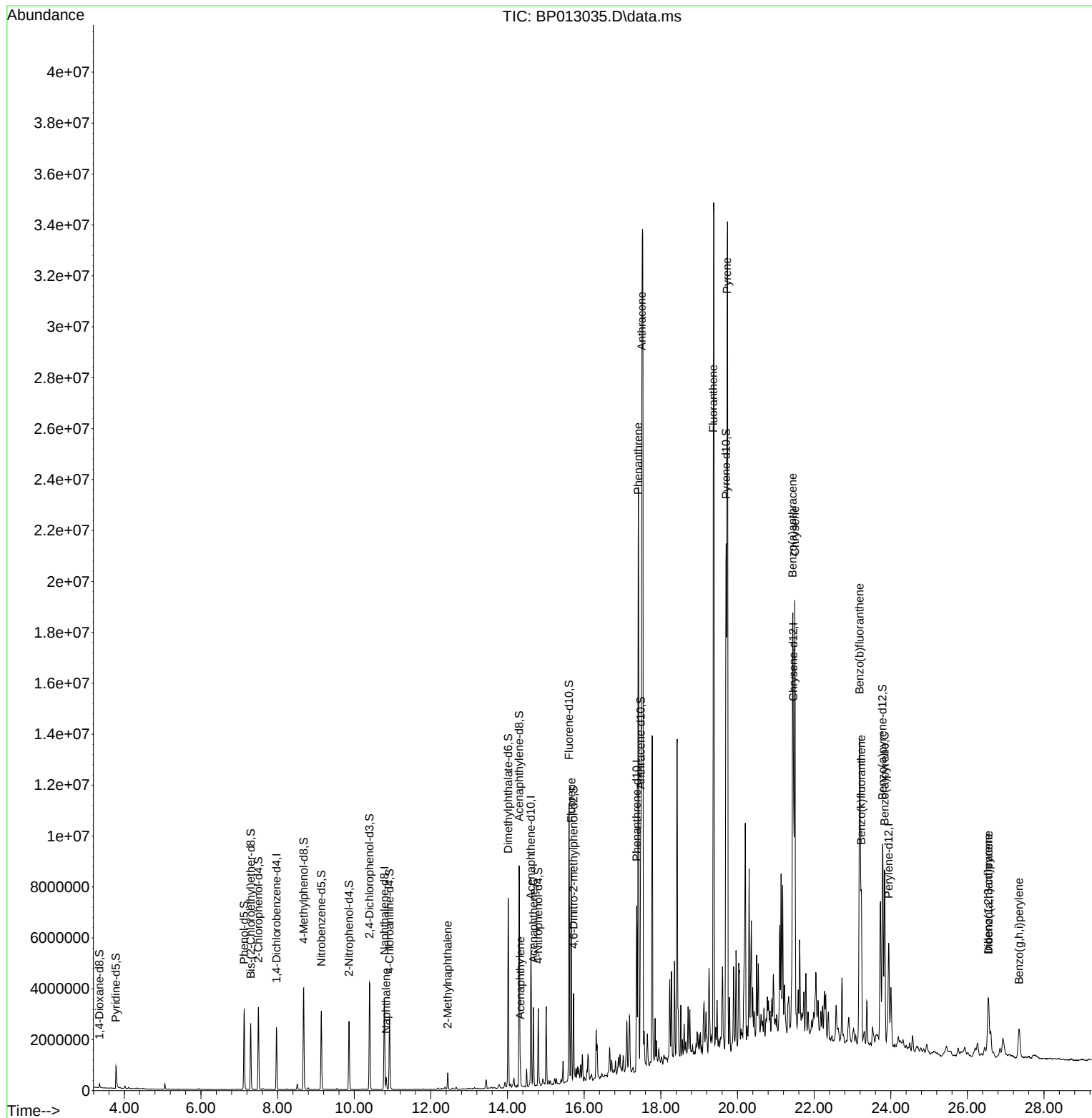
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013035.D
 Acq On : 10 Dec 2022 12:29
 Operator : CG/JU
 Sample : N5832-15ME
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 ALS Vial : 6 Sample Multiplier: 1

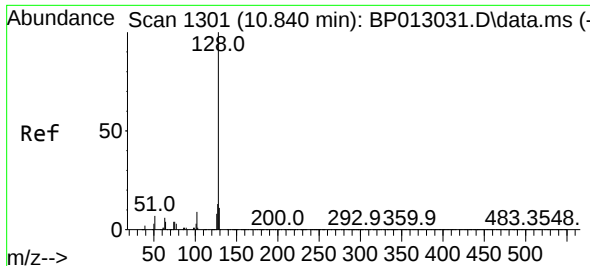
Instrument :
 BNA_P
 ClientSampleId :
 DBXL0ME

Quant Time: Dec 11 23:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
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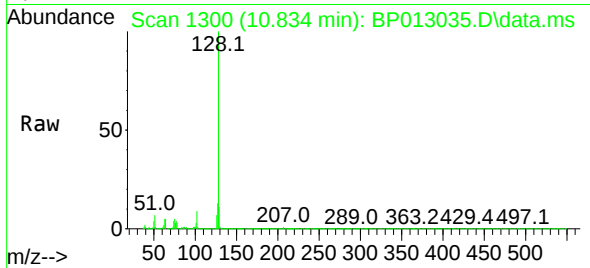
Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022





#30
Naphthalene
Concen: 2.427 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

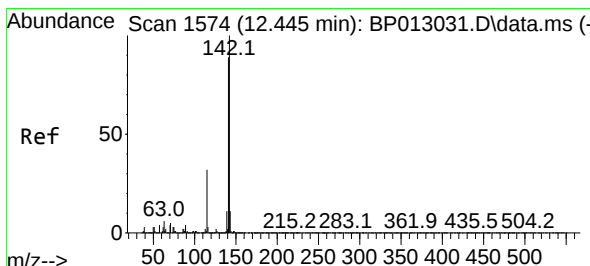
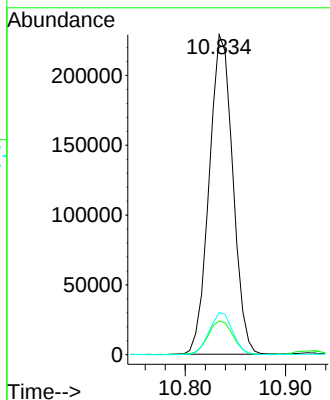
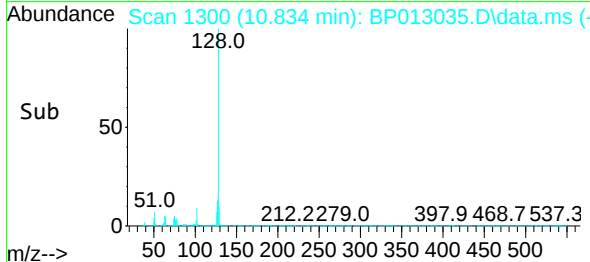
Instrument :
BNA_P
ClientSampleId :
DBXL0ME



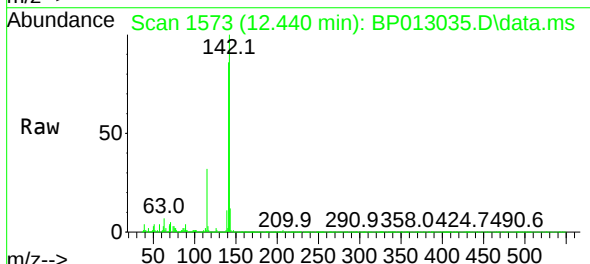
Tgt Ion:128 Resp: 37406
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.4 15.6

Manual Integrations
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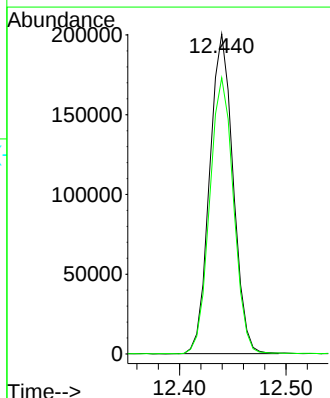
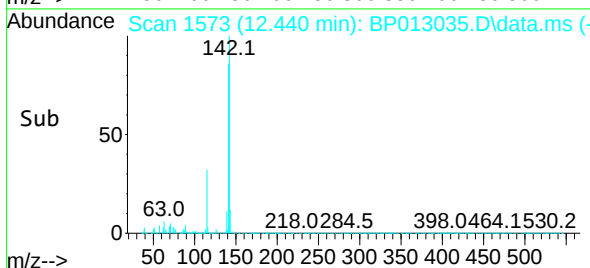
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

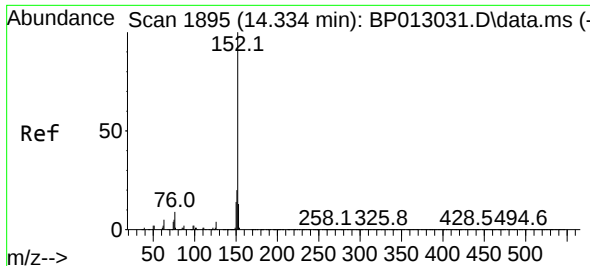


#36
2-Methylnaphthalene
Concen: 2.903 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29



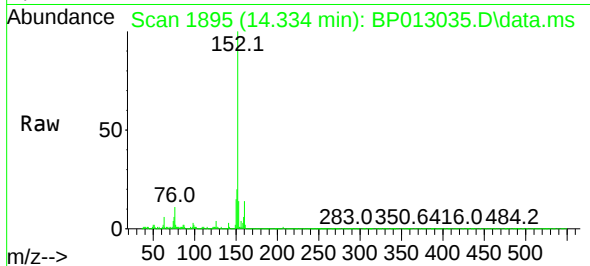
Tgt Ion:142 Resp: 306923
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2





#50
Acenaphthylene
Concen: 3.263 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

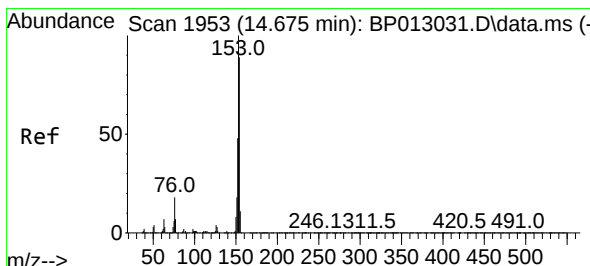
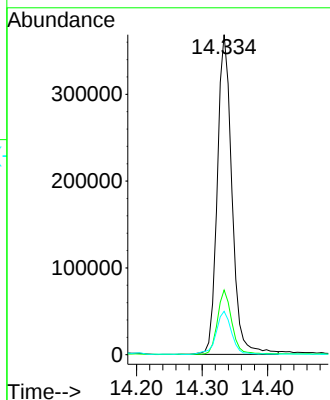
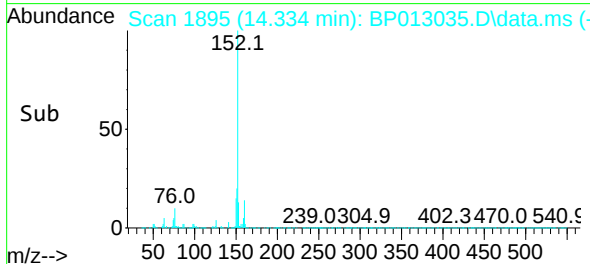
Instrument : BNA_P
ClientSampleId : DBXL0ME



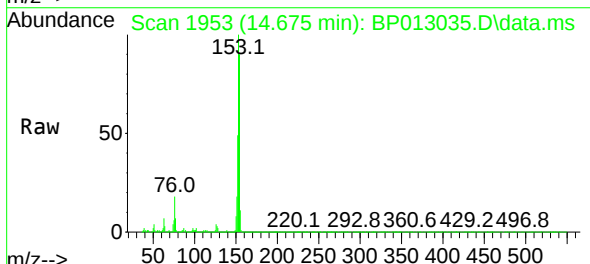
Tgt Ion:152 Resp: 56977
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.5 10.6 16.0

Manual Integrations
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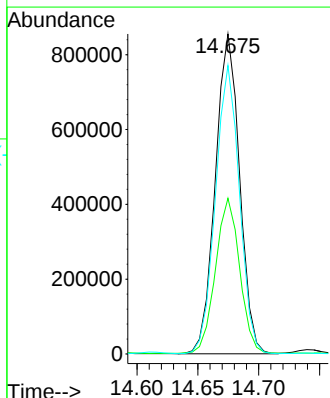
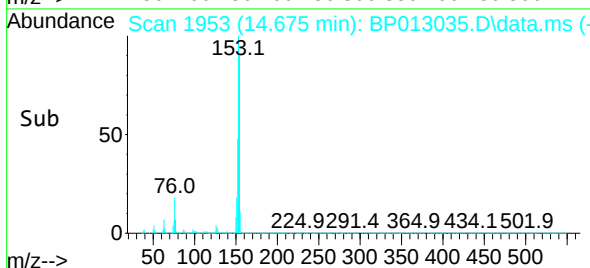
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

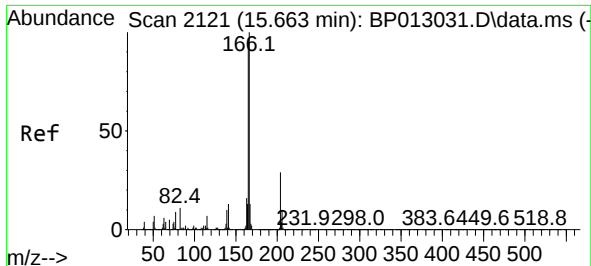


#52
Acenaphthene
Concen: 9.807 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29



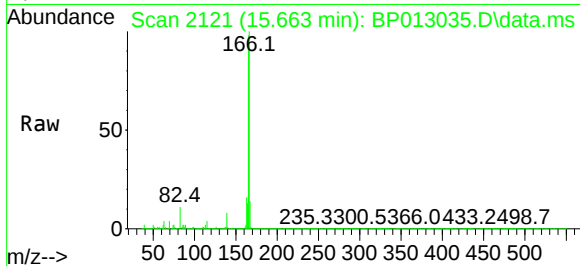
Tgt Ion:153 Resp: 1186621
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 90.1 70.8 106.2





#61
Fluorene
Concen: 27.447 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

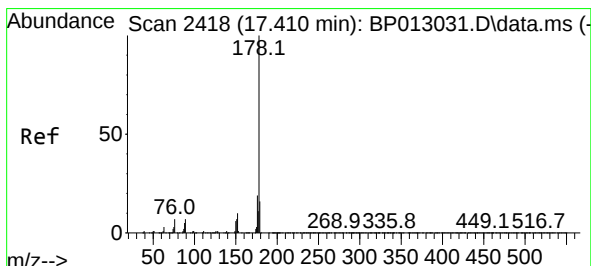
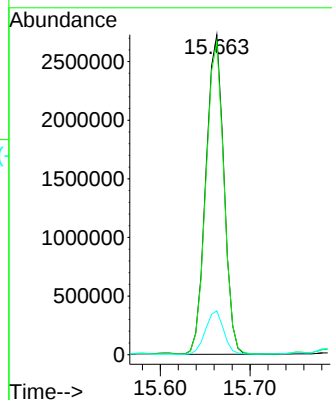
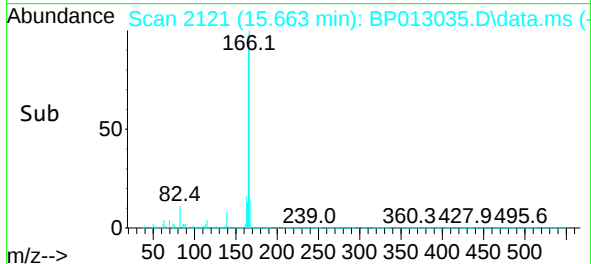
Instrument :
BNA_P
ClientSampleId :
DBXL0ME



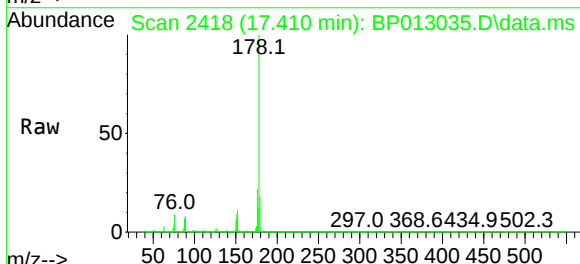
Tgt Ion:166 Resp: 3786880
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 13.7 10.6 16.0

Manual Integrations
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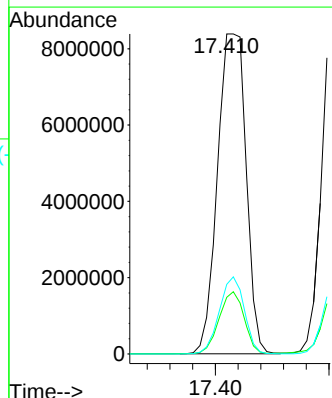
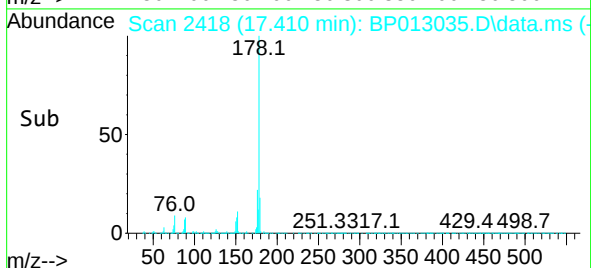
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

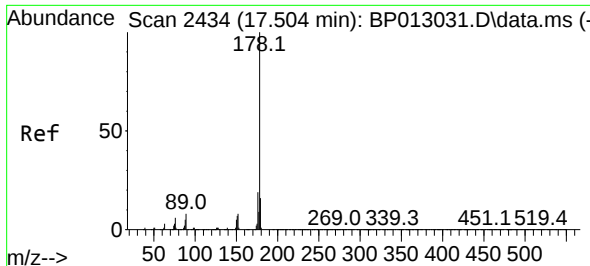


#72
Phenanthrene
Concen: 66.833 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29



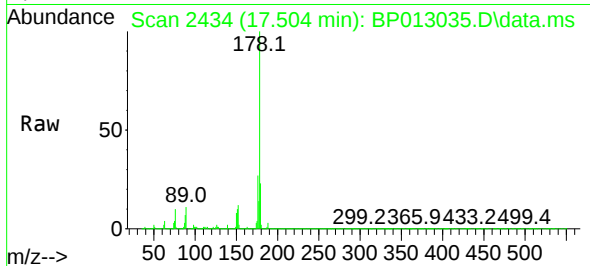
Tgt Ion:178 Resp:14663809
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 21.7 15.4 23.0





#74
 Anthracene
 Concen: 110.856 ng/ul m
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP013035.D
 Acq: 10 Dec 2022 12:29

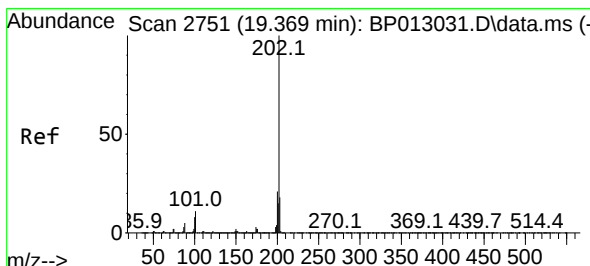
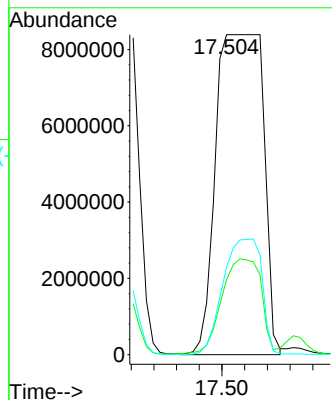
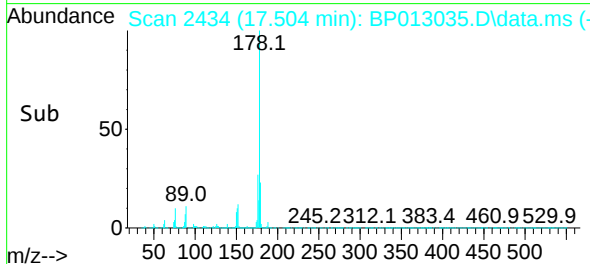
Instrument :
 BNA_P
 ClientSampleId :
 DBXL0ME



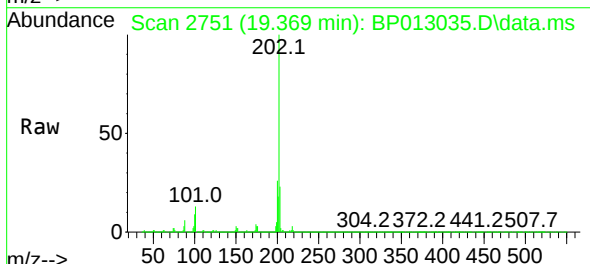
Tgt Ion:178 Resp:24286320
 Ion Ratio Lower Upper
 178 100
 179 23.5 12.5 18.7
 176 27.4 14.8 22.2

Manual Integrations
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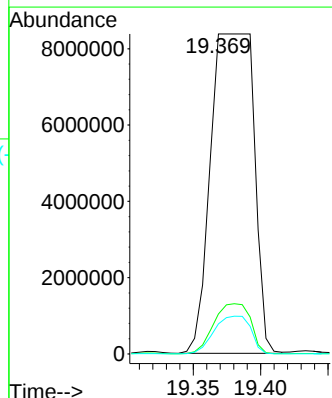
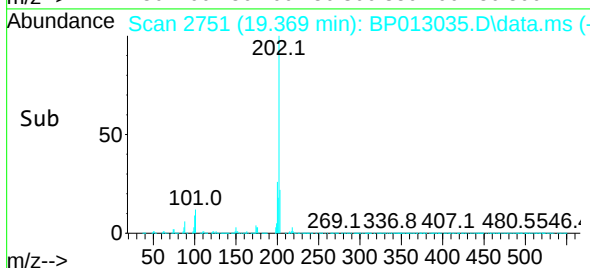
Reviewed By :Jagrut Upadhyay 12/12/2022
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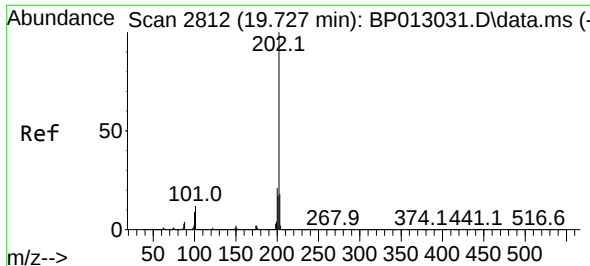


#80
 Fluoranthene
 Concen: 83.755 ng/ul m
 RT: 19.369 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP013035.D
 Acq: 10 Dec 2022 12:29



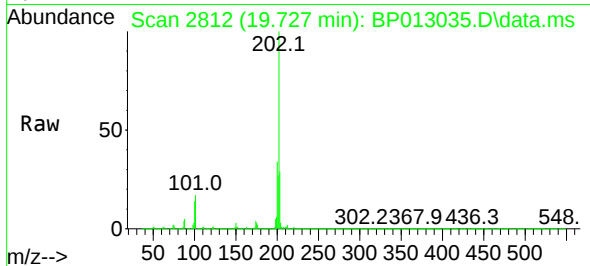
Tgt Ion:202 Resp:18722200
 Ion Ratio Lower Upper
 202 100
 101 12.5 8.2 12.2#
 100 9.4 6.1 9.1#





#82
Pyrene
Concen: 82.496 ng/ul m
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

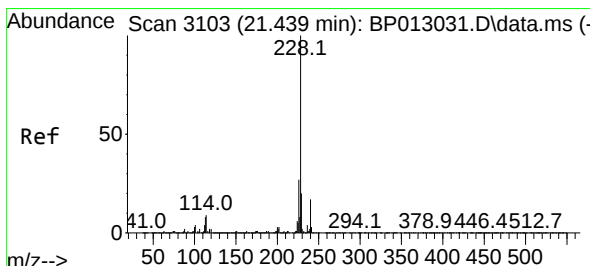
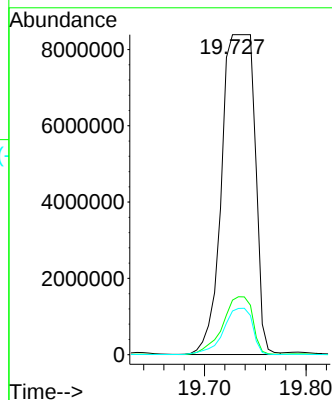
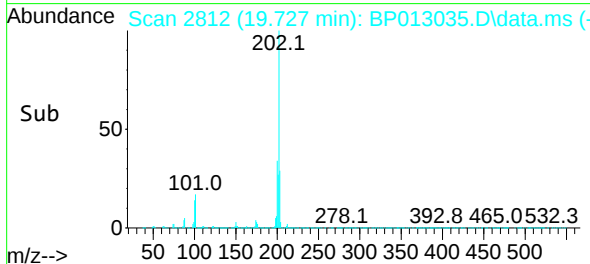
Instrument :
BNA_P
ClientSampleId :
DBXL0ME



Tgt Ion:202 Resp:19022369
Ion Ratio Lower Upper
202 100
101 17.1 9.4 14.2
100 13.7 7.8 11.8

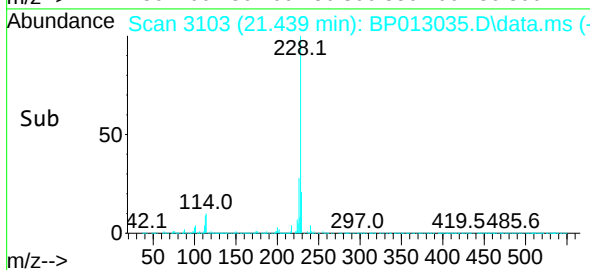
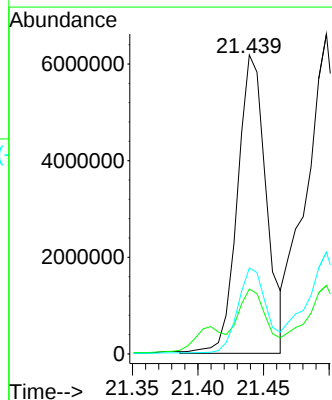
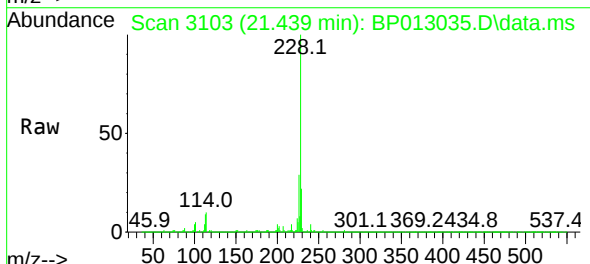
Manual Integrations
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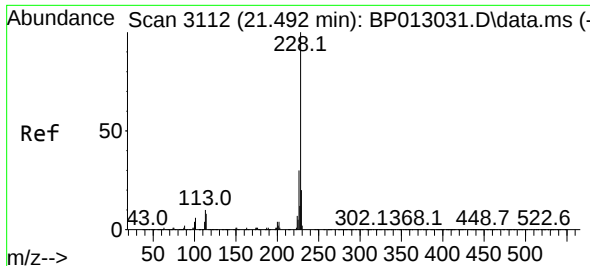
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#85
Benzo(a)anthracene
Concen: 41.612 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

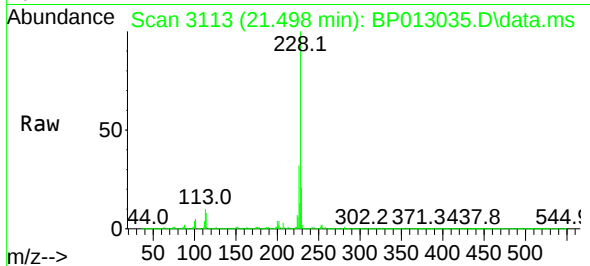
Tgt Ion:228 Resp: 9478413
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 28.8 22.0 33.0





#87
Chrysene
Concen: 51.756 ng/u1
RT: 21.498 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

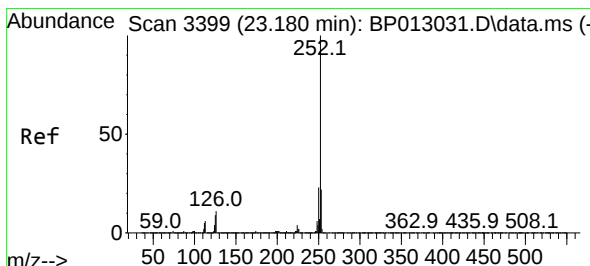
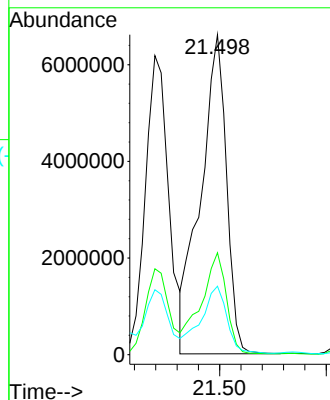
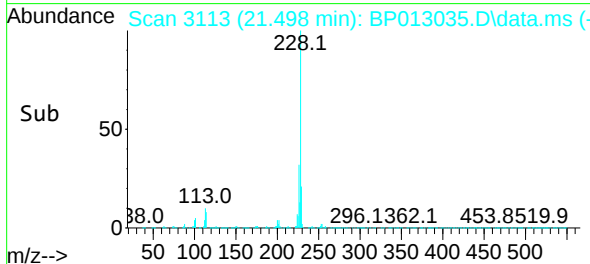
Instrument :
BNA_P
ClientSampleId :
DBXL0ME



Tgt Ion:228 Resp:11148549
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 21.4 16.0 24.0

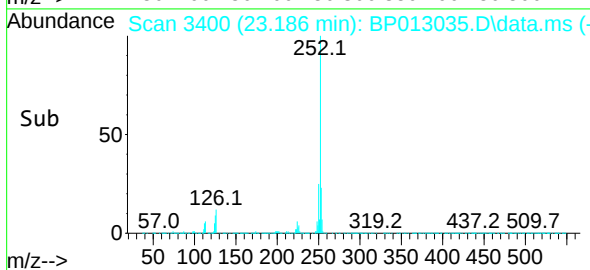
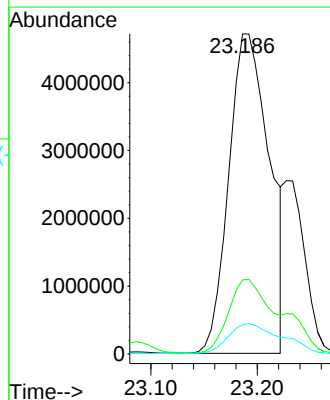
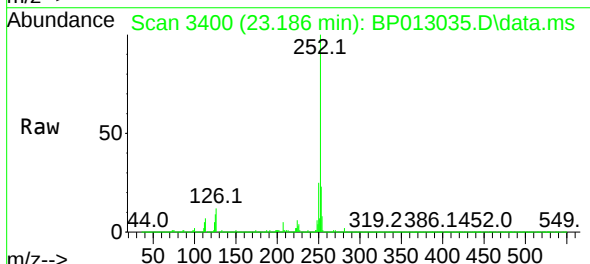
Manual Integrations
APPROVED

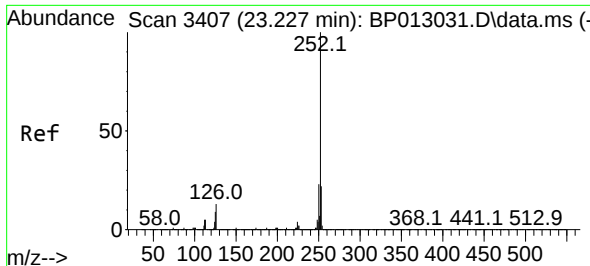
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#90
Benzo(b)fluoranthene
Concen: 58.518 ng/u1
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

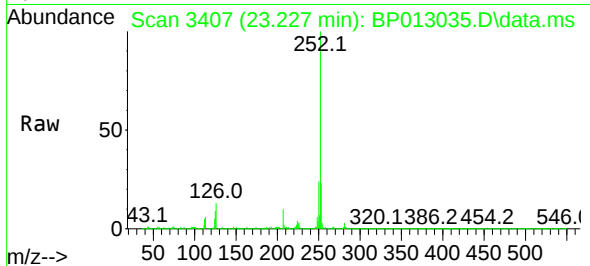
Tgt Ion:252 Resp:12508529
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.2 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 16.387 ng/ul m
RT: 23.227 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

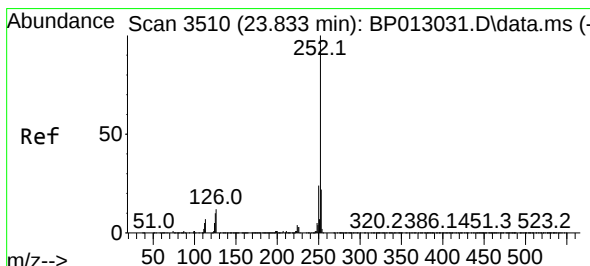
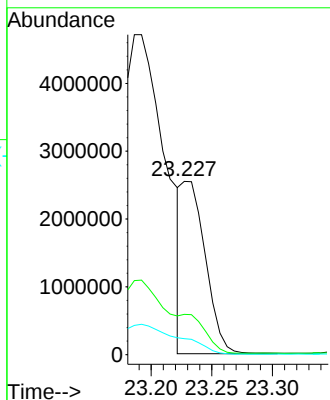
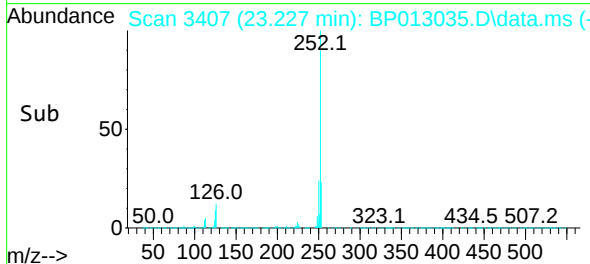
Instrument :
BNA_P
ClientSampleId :
DBXL0ME



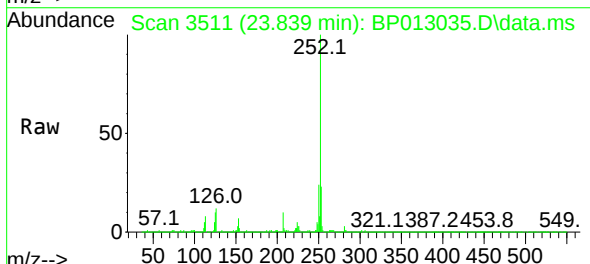
Tgt Ion:252 Resp: 3473484
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.3 6.8 10.2

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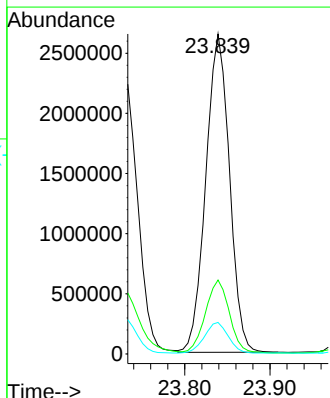
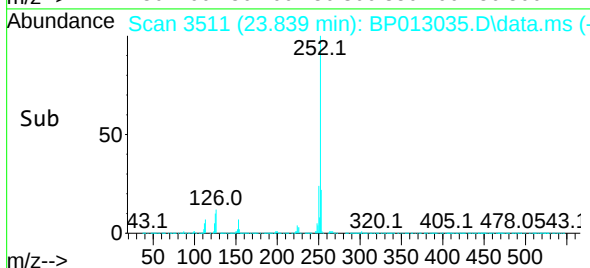
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

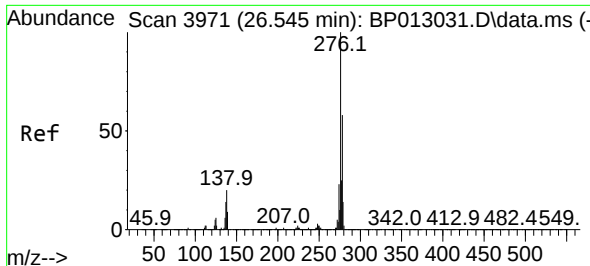


#93
Benzo(a)pyrene
Concen: 27.488 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29



Tgt Ion:252 Resp: 5116061
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.8 7.5 11.3





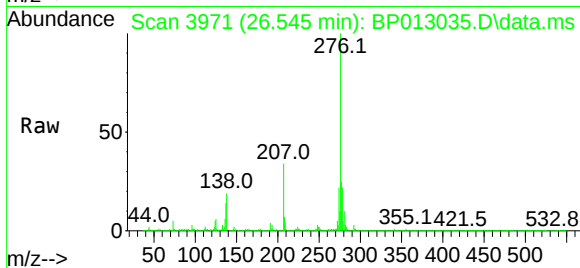
#94
Indeno(1,2,3-cd)pyrene
Concen: 11.308 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29

Instrument :

BNA_P

ClientSampleId :

DBXL0ME

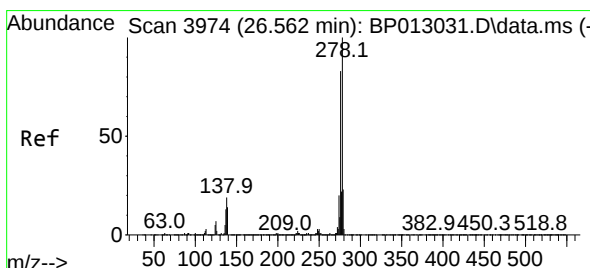
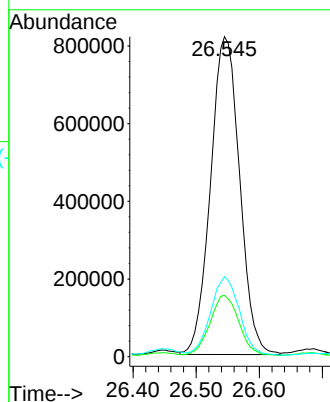
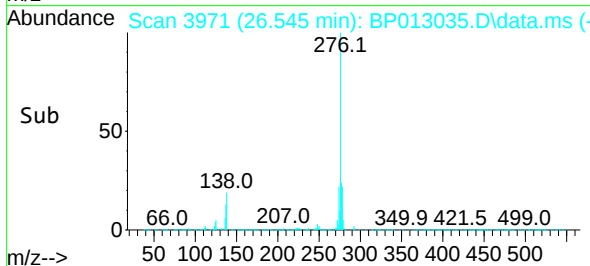


Tgt Ion:276 Resp: 2621549
Ion Ratio Lower Upper
276 100
138 19.2 17.1 25.7
277 25.0 20.0 30.0

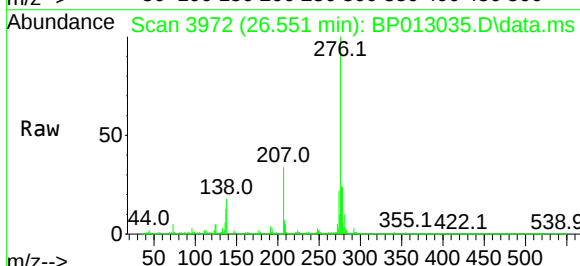
Manual Integrations

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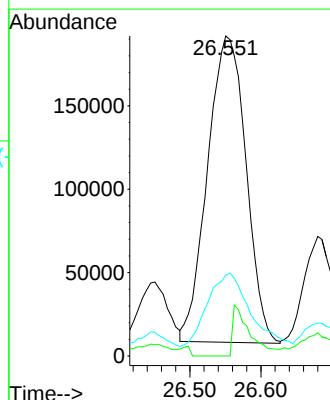
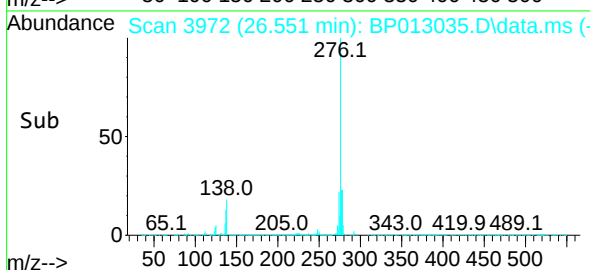
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

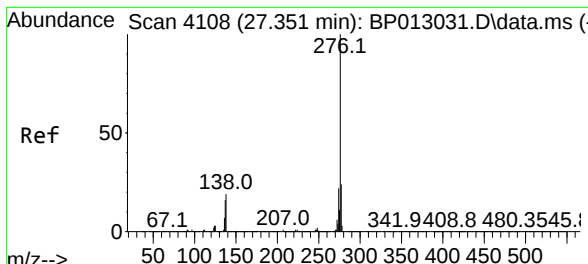


#95
Dibenzo(a,h)anthracene
Concen: 3.603 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.018 min
Lab File: BP013035.D
Acq: 10 Dec 2022 12:29



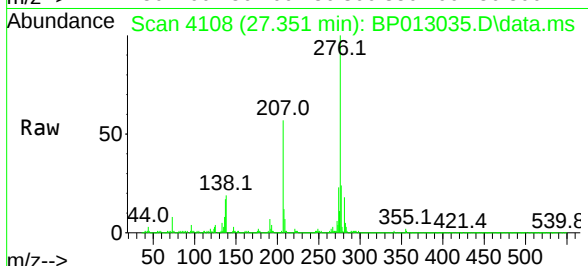
Tgt Ion:278 Resp: 691574
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 25.3 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 9.310 ng/ul
 RT: 27.351 min Scan# 4108
 Delta R.T. 0.000 min
 Lab File: BP013035.D
 Acq: 10 Dec 2022 12:29

Instrument :
 BNA_P
 ClientSampleId :
 DBXL0ME



Tgt Ion: 276 Resp: 1732814
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.4 23.2
 277 24.2 19.1 28.7

Manual Integrations
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Reviewed By : Jagrut Upadhyay 12/12/2022
 Supervised By : mohammad ahmed 12/12/2022

