

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016756.D
 Acq On : 25 Aug 2023 21:11
 Operator : MA/JU
 Sample : 04037-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 25 23:33:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	375754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1577585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	945996	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1961527	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1484791	20.000	ng/ul	# 0.00
88) Perylene-d12	24.139	264	1325310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	55536	6.108	ng/uL	0.00
4) Pyridine-d5	3.834	84	27388	0.986	ng/ul	0.01
7) Phenol-d5	7.175	99	828462	24.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	557856	26.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.557	132	664748	26.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	420415	15.414	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	324769	27.227	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	336160	26.737	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	602912	25.722	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	657522	18.292	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1945642	27.272	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	2417999	29.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	194315	13.178	ng/ul	0.00
60) Fluorene-d10	15.686	176	1817033	30.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	73902	6.326	ng/ul	0.00
73) Anthracene-d10	17.557	188	2674626	30.762	ng/ul	0.00
81) Pyrene-d10	19.792	212	2999388	36.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2027523	30.541	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.887	105	122607	2.899	ng/ul	98
30) Naphthalene	10.916	128	583434	7.139	ng/ul	99
36) 2-Methylnaphthalene	12.516	142	161756	2.868	ng/ul	100
37) 1-Methylnaphthalene	12.734	142	107321	1.887	ng/ul	98
52) Acenaphthene	14.751	153	72313	1.184	ng/ul	99
56) Dibenzofuran	15.086	168	107799	1.287	ng/ul	95
61) Fluorene	15.739	166	101484	1.448	ng/ul	97
72) Phenanthrene	17.498	178	1401848	13.575	ng/ul	97
74) Anthracene	17.592	178	318708m	3.052	ng/ul	
80) Fluoranthene	19.463	202	2915935	29.767	ng/ul	99
82) Pyrene	19.822	202	2661654	26.304	ng/ul	98
85) Benzo(a)anthracene	21.539	228	734791	7.185	ng/ul#	94
87) Chrysene	21.598	228	754371	8.120	ng/ul#	92
90) Benzo(b)fluoranthene	23.333	252	603778	7.134	ng/ul#	74
91) Benzo(k)fluoranthene	23.380	252	208340	2.489	ng/ul#	56
93) Benzo(a)pyrene	24.021	252	421975	5.512	ng/ul#	77
94) Indeno(1,2,3-cd)pyrene	26.868	276	237548	3.037	ng/ul#	93
96) Benzo(g,h,i)perylene	27.727	276	245817	4.145	ng/ul#	91

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

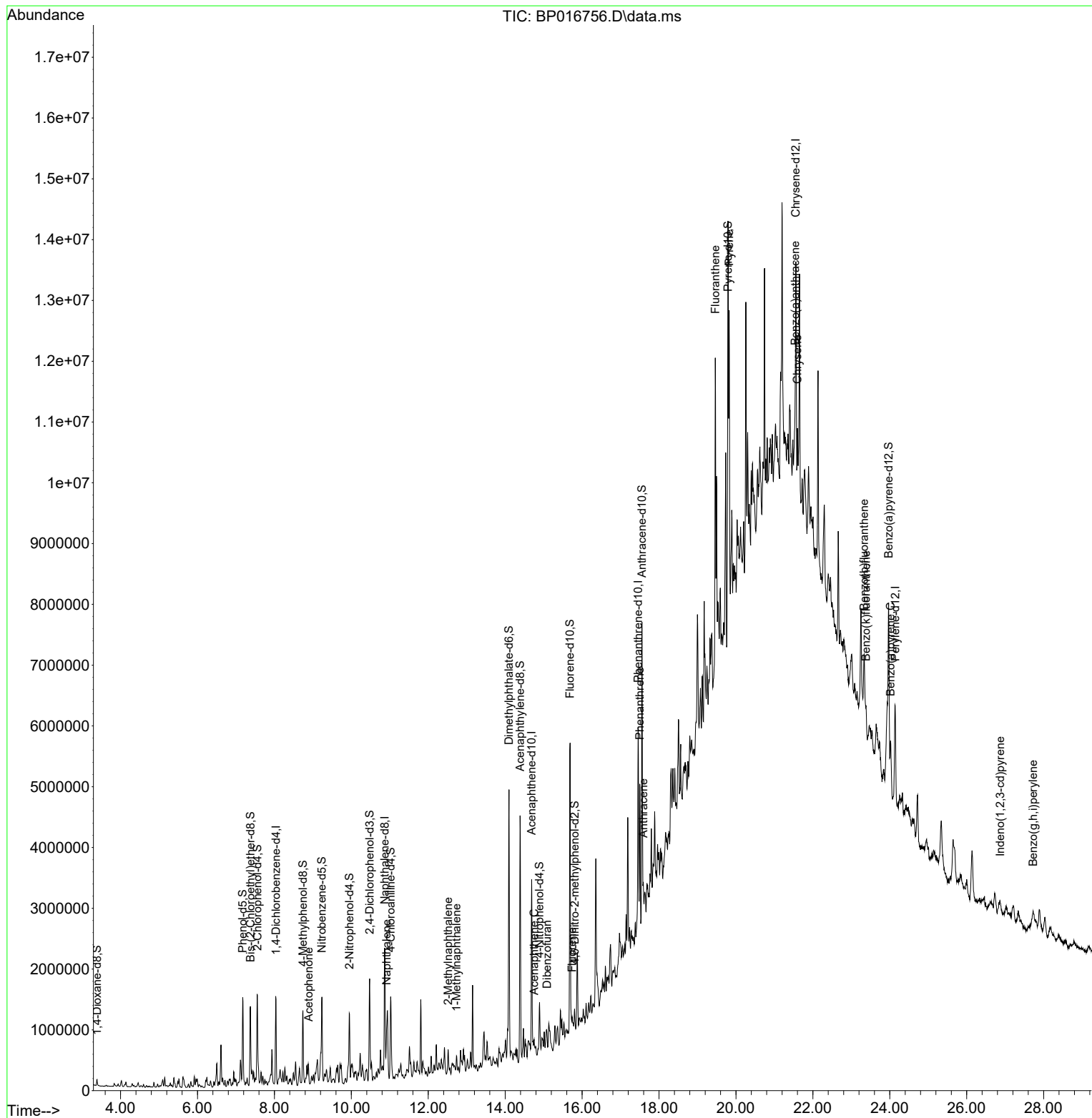
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
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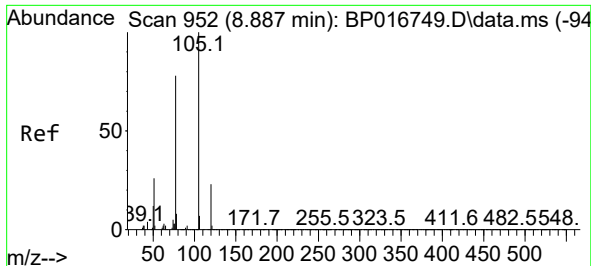
Instrument :
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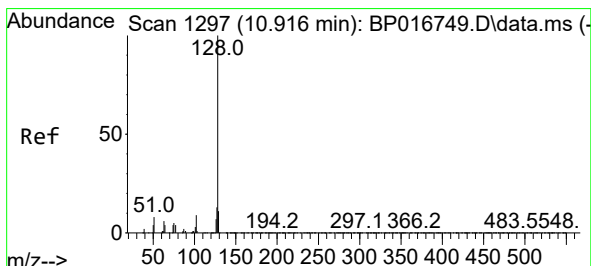
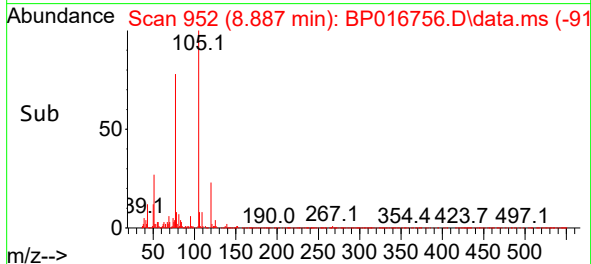
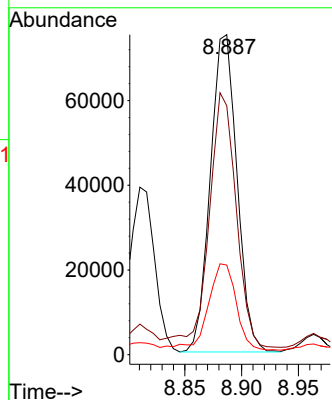
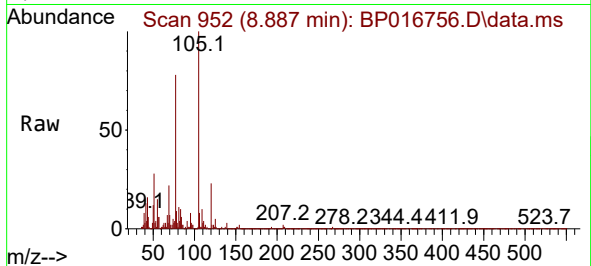
#16
Acetophenone
Concen: 2.899 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

Instrument :
BNA_P
ClientSampleId :
EZYH3

Tgt Ion:105 Resp: 12260
Ion Ratio Lower Upper
105 100
77 77.8 64.2 96.4
51 28.0 22.2 33.4

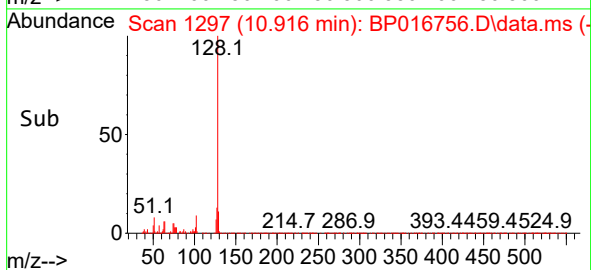
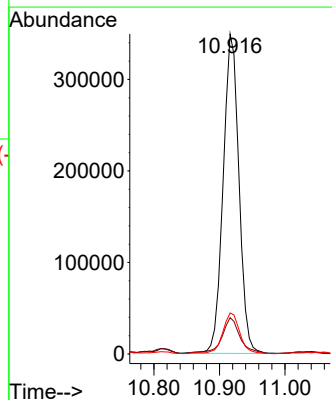
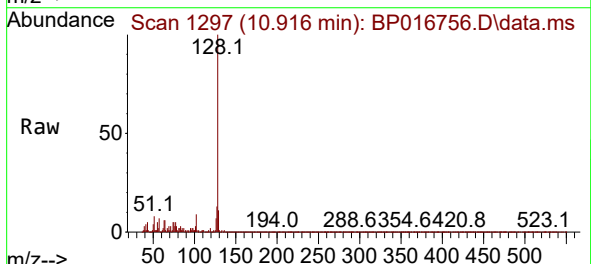
Manual Integrations
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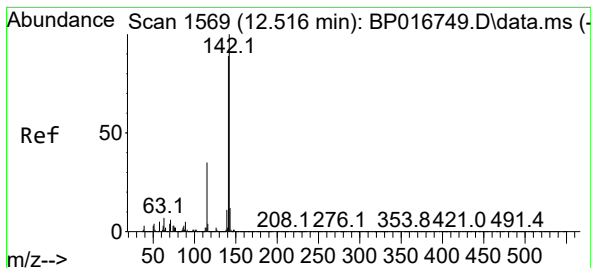
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#30
Naphthalene
Concen: 7.139 ng/ul
RT: 10.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

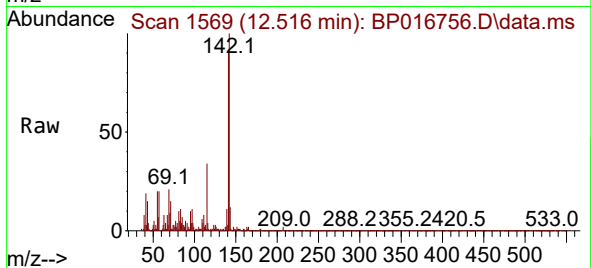
Tgt Ion:128 Resp: 583434
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.8 10.3 15.5





#36
2-Methylnaphthalene
Concen: 2.868 ng/ul
RT: 12.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

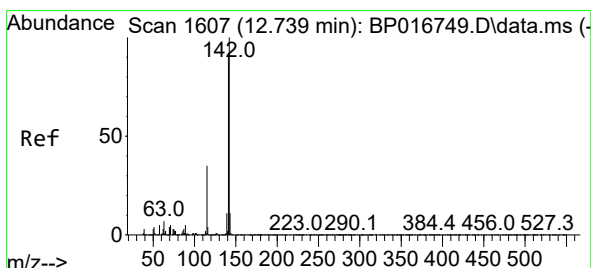
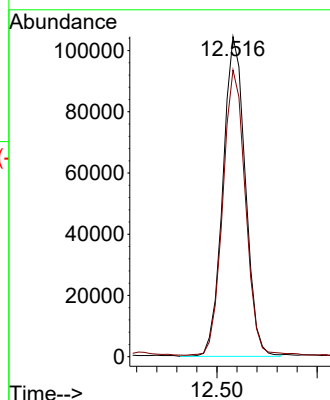
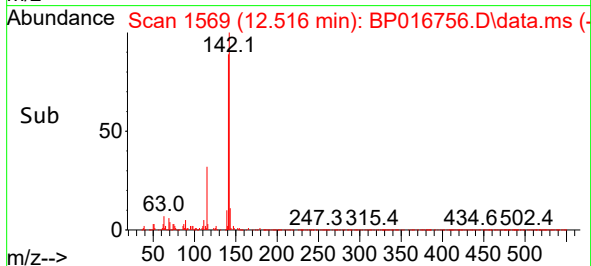
Instrument :
BNA_P
ClientSampleId :
EZYH3



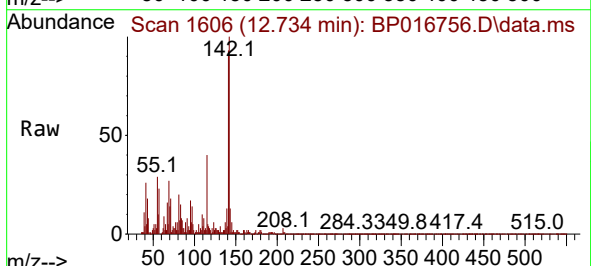
Tgt Ion:142 Resp: 161750
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0

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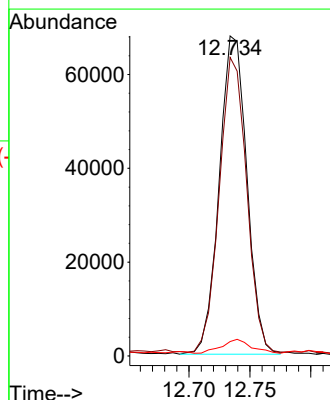
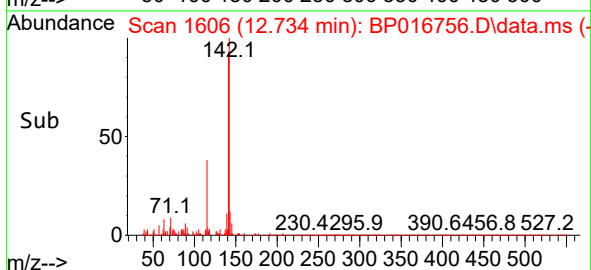
Reviewed By :Yogesh Patel 08/26/2023
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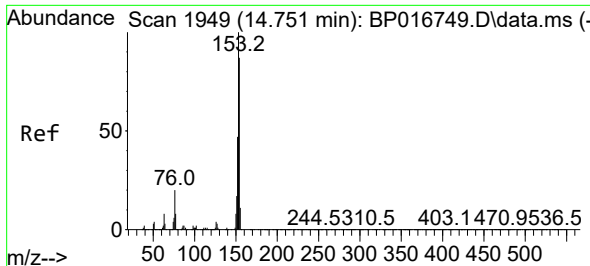


#37
1-Methylnaphthalene
Concen: 1.887 ng/ul
RT: 12.734 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11



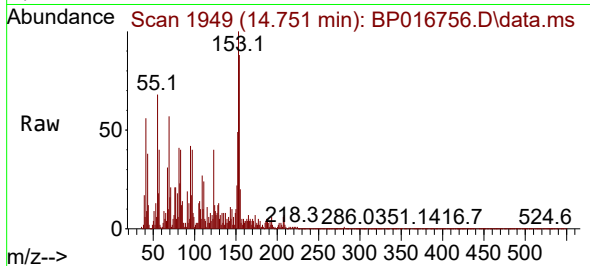
Tgt Ion:142 Resp: 107321
Ion Ratio Lower Upper
142 100
141 93.3 73.0 109.4
116 4.5 3.1 4.7





#52
Acenaphthene
Concen: 1.184 ng/ul
RT: 14.751 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

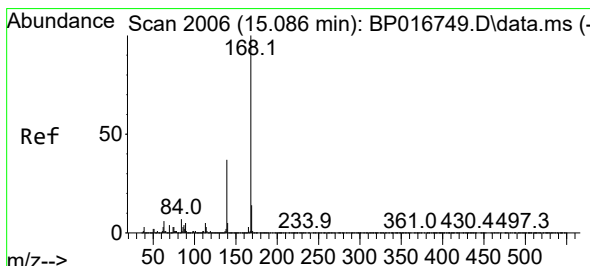
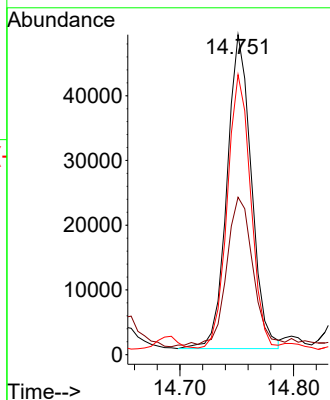
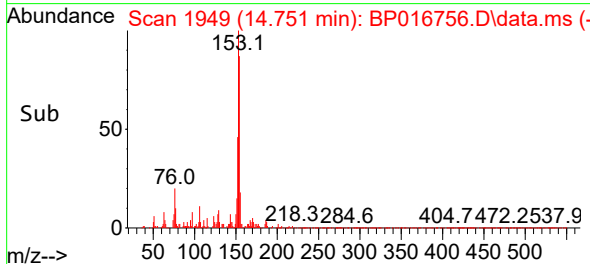
Instrument :
BNA_P
ClientSampleId :
EZYH3



Tgt Ion:153 Resp: 7231
Ion Ratio Lower Upper
153 100
152 49.2 38.5 57.7
154 87.5 70.6 105.8

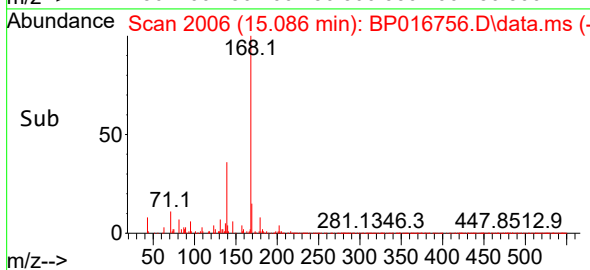
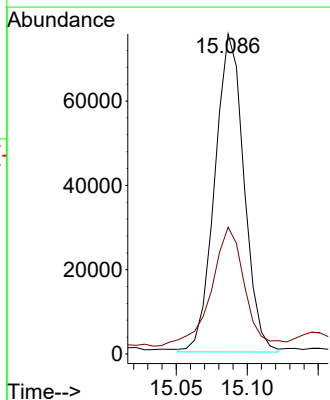
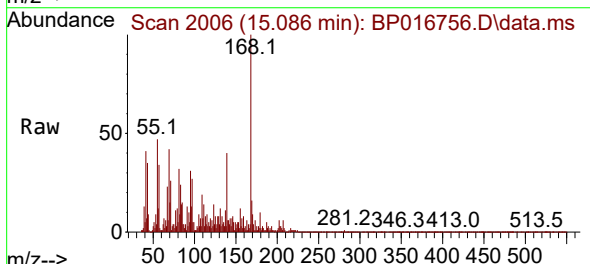
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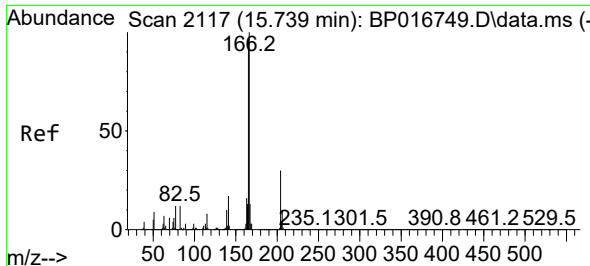
Reviewed By :Yogesh Patel 08/26/2023
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#56
Dibenzofuran
Concen: 1.287 ng/ul
RT: 15.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

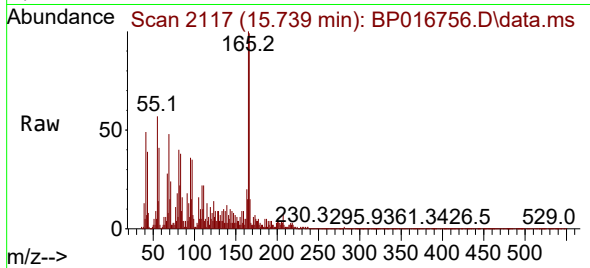
Tgt Ion:168 Resp: 107799
Ion Ratio Lower Upper
168 100
139 39.6 29.2 43.8





#61
Fluorene
Concen: 1.448 ng/ul
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

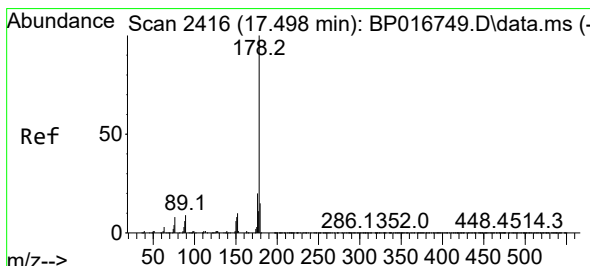
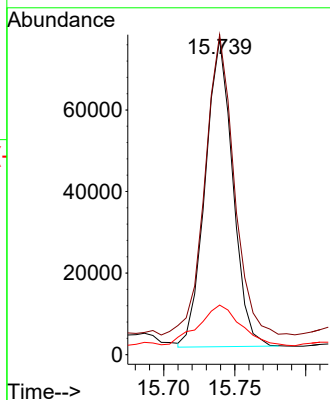
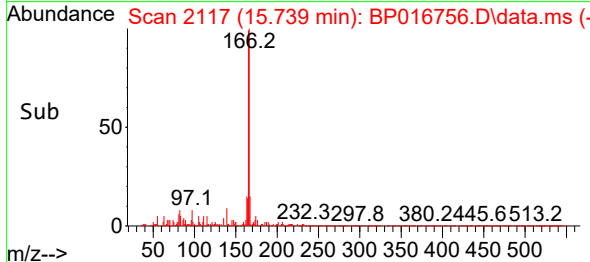
Instrument :
BNA_P
ClientSampleId :
EZYH3



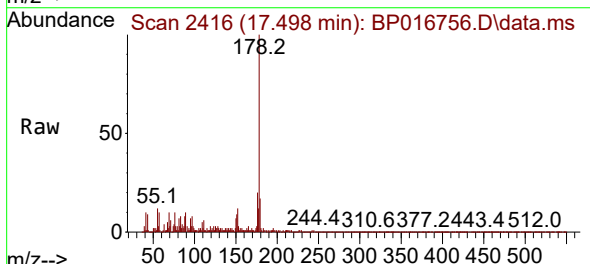
Tgt Ion:166 Resp: 101484
Ion Ratio Lower Upper
166 100
165 101.4 78.8 118.2
167 15.7 10.9 16.3

Manual Integrations
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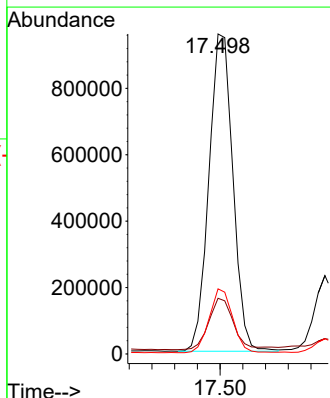
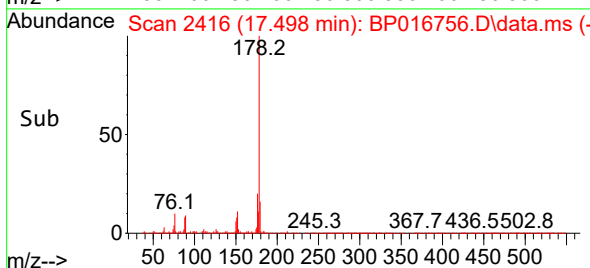
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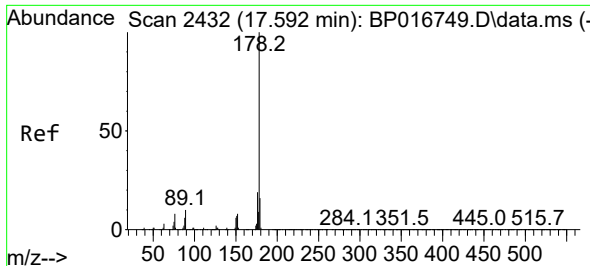


#72
Phenanthrene
Concen: 13.575 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11



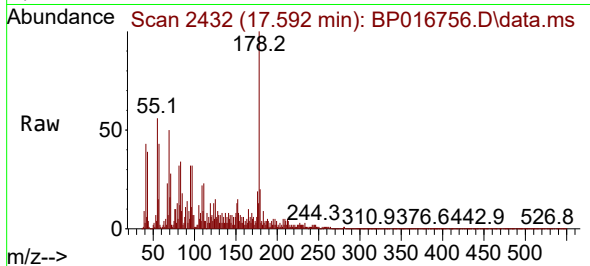
Tgt Ion:178 Resp: 1401848
Ion Ratio Lower Upper
178 100
179 17.4 12.4 18.6
176 20.4 15.6 23.4





#74
 Anthracene
 Concen: 3.052 ng/ul m
 RT: 17.592 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP016756.D
 Acq: 25 Aug 2023 21:11

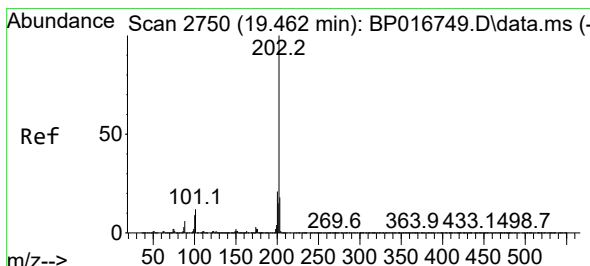
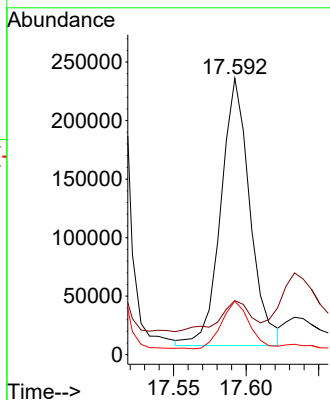
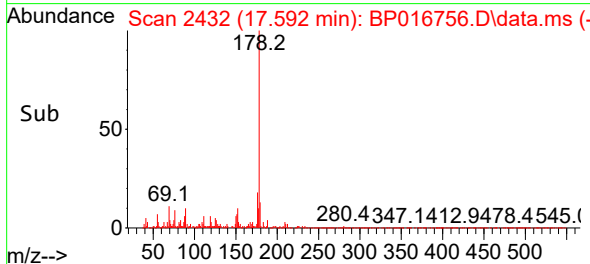
Instrument :
 BNA_P
 ClientSampleId :
 EZYH3



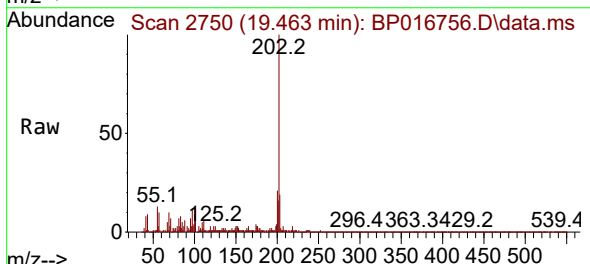
Tgt Ion:178 Resp: 318708
 Ion Ratio Lower Upper
 178 100
 179 19.6 12.4 18.6
 176 19.4 15.3 22.9

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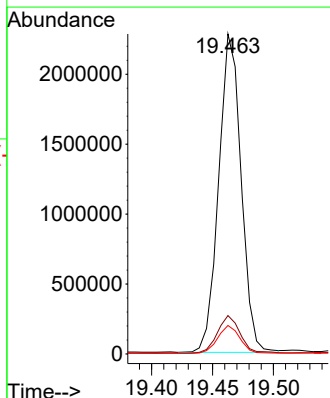
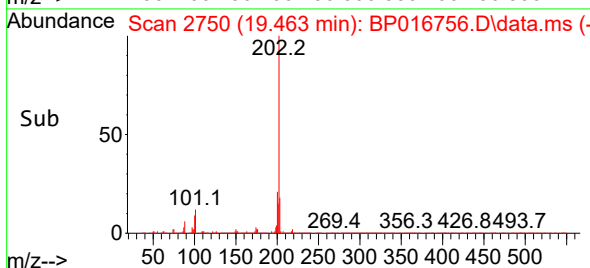
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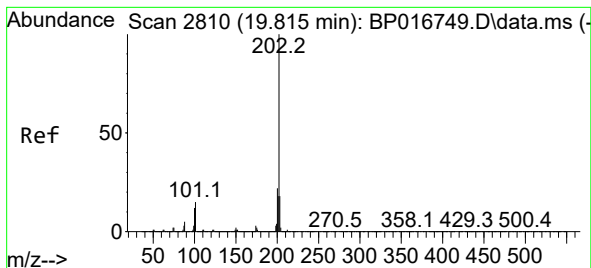


#80
 Fluoranthene
 Concen: 29.767 ng/ul
 RT: 19.463 min Scan# 2750
 Delta R.T. -0.000 min
 Lab File: BP016756.D
 Acq: 25 Aug 2023 21:11



Tgt Ion:202 Resp: 2915935
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.7 14.5
 100 8.9 7.4 11.2





#82

Pyrene

Concen: 26.304 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016756.D

Acq: 25 Aug 2023 21:11

Instrument :

BNA_P

ClientSampleId :

EZYH3

Tgt Ion:202 Resp: 2661654

Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.2

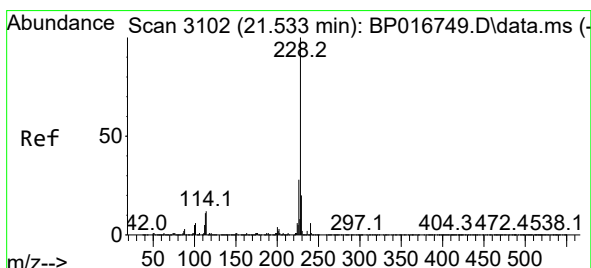
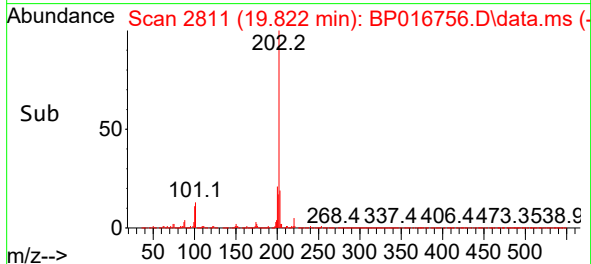
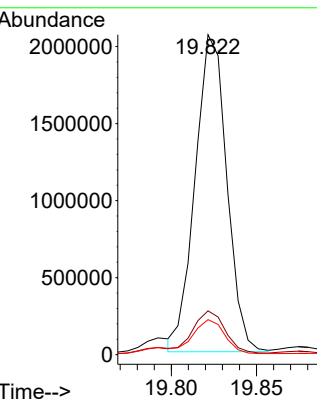
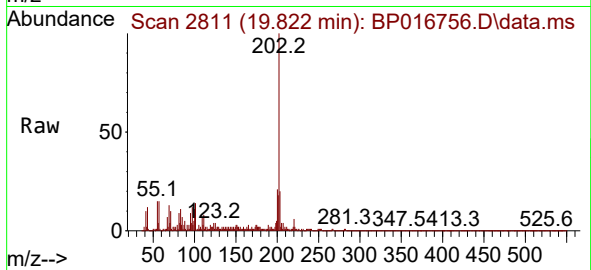
100 10.9 9.4 14.2

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#85

Benzo(a)anthracene

Concen: 7.185 ng/ul

RT: 21.539 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP016756.D

Acq: 25 Aug 2023 21:11

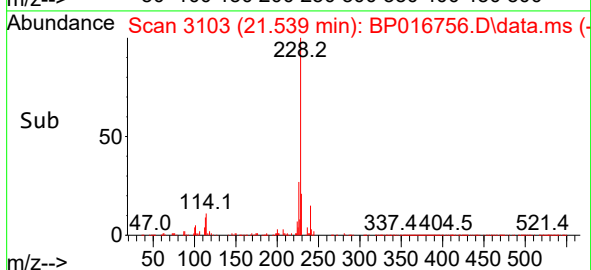
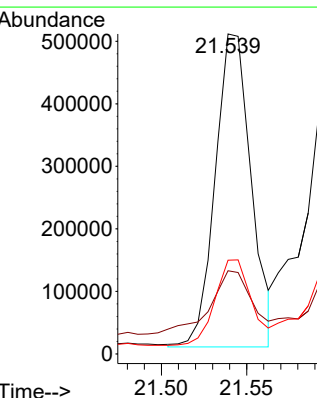
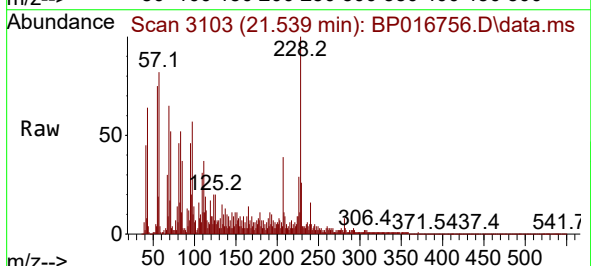
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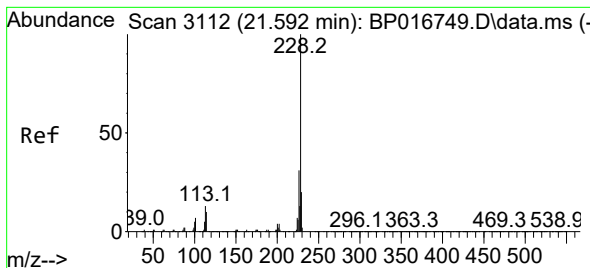
Ion Ratio Lower Upper

228 100

229 26.0 16.2 24.4#

226 29.3 22.9 34.3





#87

Chrysene

Concen: 8.120 ng/ul

RT: 21.598 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP016756.D

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Instrument :

BNA_P

ClientSampleId :

EZYH3

Tgt Ion:228 Resp: 75437

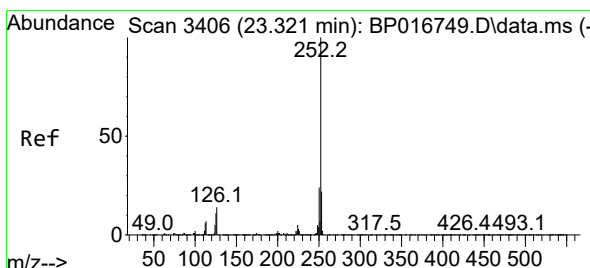
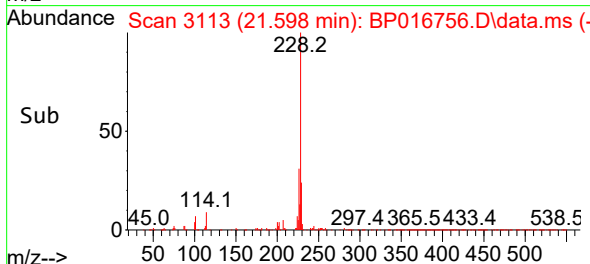
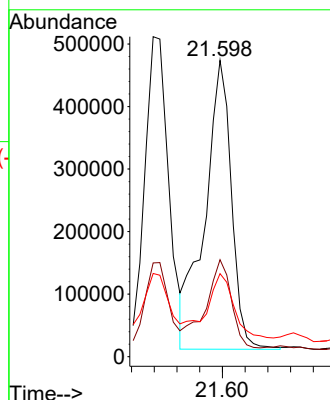
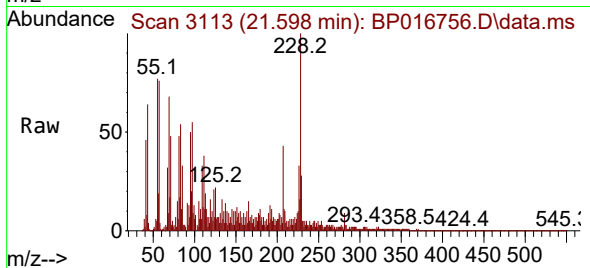
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.4
229	28.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#90

Benzo(b)fluoranthene

Concen: 7.134 ng/ul

RT: 23.333 min Scan# 3408

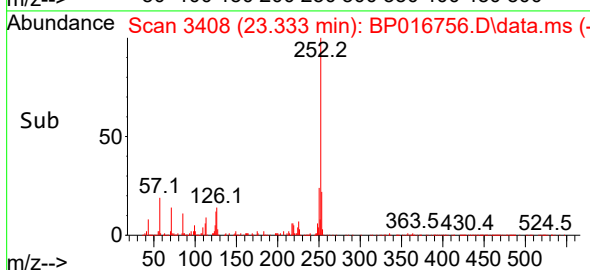
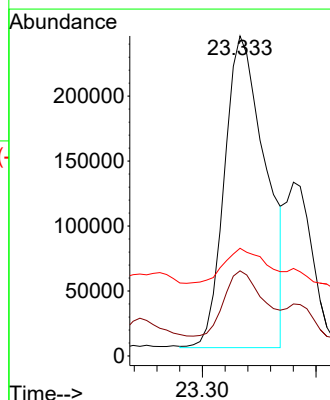
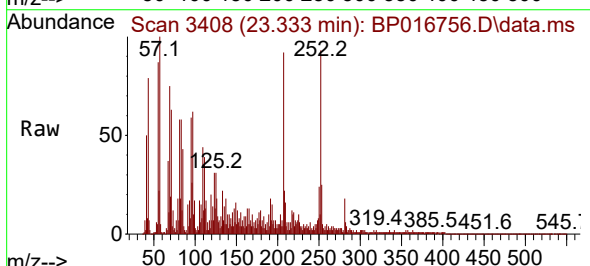
Delta R.T. 0.006 min

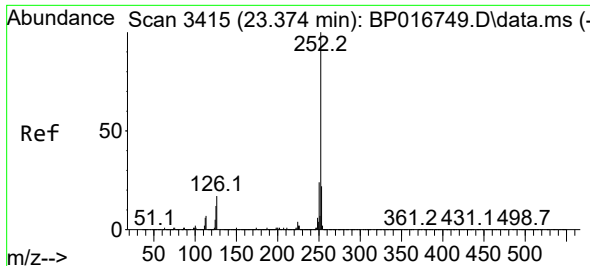
Lab File: BP016756.D

Acq: 25 Aug 2023 21:11

Tgt Ion:252 Resp: 603778

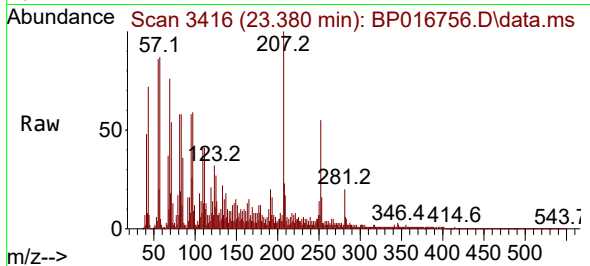
Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.7	26.5
125	33.6	9.0	13.4





#91
Benzo(k)fluoranthene
Concen: 2.489 ng/ul
RT: 23.380 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

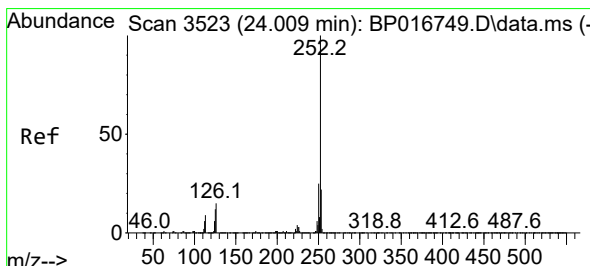
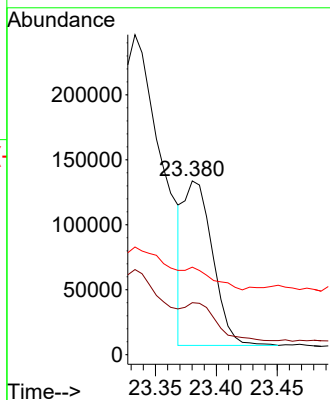
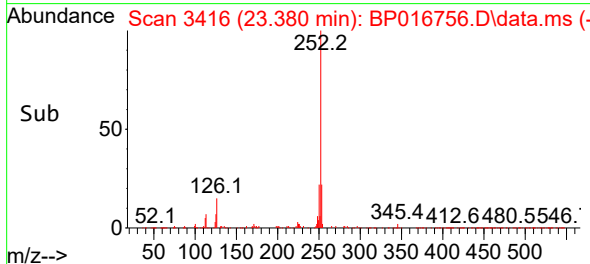
Instrument :
BNA_P
ClientSampleId :
EZYH3



Tgt Ion:252 Resp: 208340
Ion Ratio Lower Upper
252 100
253 30.0 18.1 27.1
125 50.4 8.9 13.3

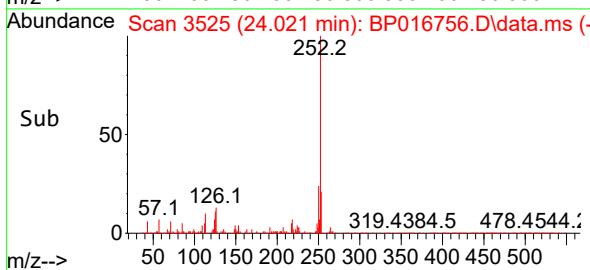
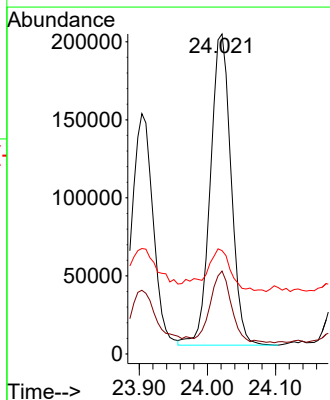
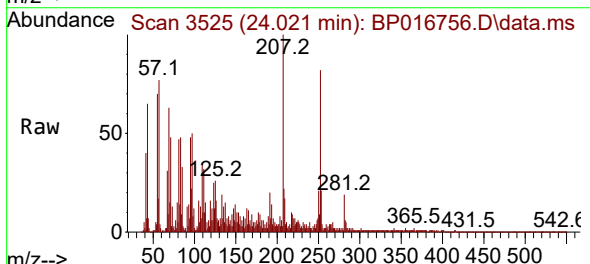
Manual Integrations
APPROVED

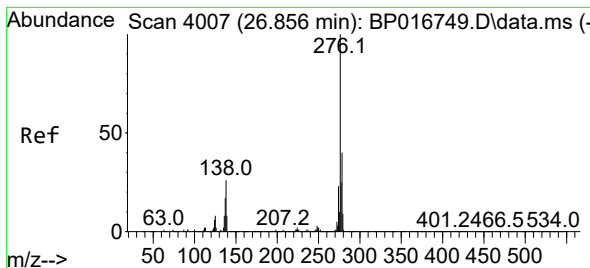
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#93
Benzo(a)pyrene
Concen: 5.512 ng/ul
RT: 24.021 min Scan# 3525
Delta R.T. 0.006 min
Lab File: BP016756.D
Acq: 25 Aug 2023 21:11

Tgt Ion:252 Resp: 421975
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 32.3 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.037 ng/ul

RT: 26.868 min Scan# 4007

Delta R.T. -0.006 min

Lab File: BP016756.D

Acq: 25 Aug 2023 21:11

Instrument :

BNP_P

ClientSampleId :

EZYH3

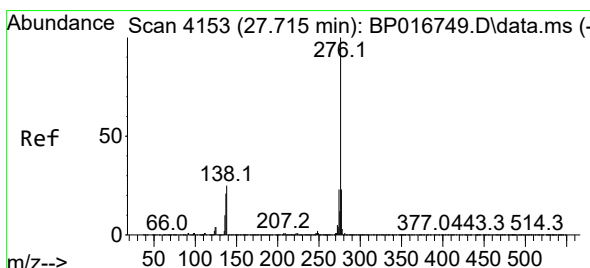
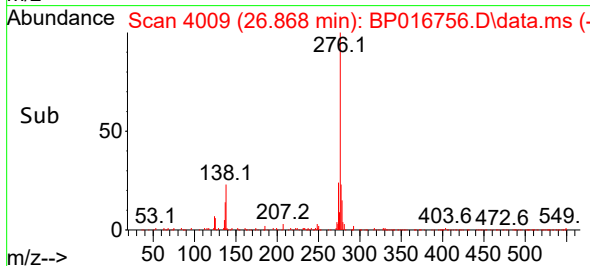
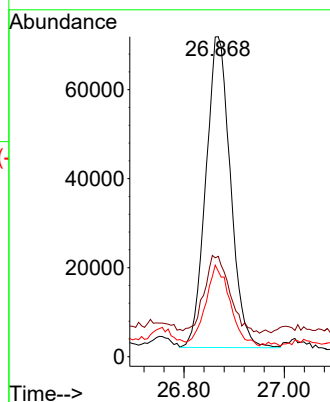
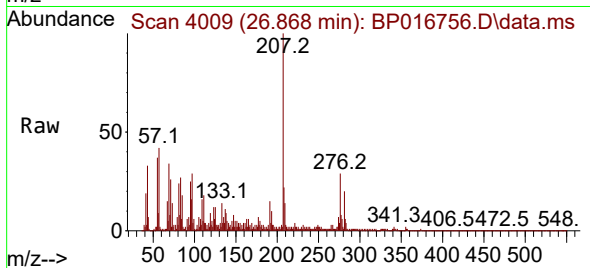
Tgt Ion:	276	Resp:	23754
Ion Ratio	Lower	Upper	
276	100		
138	31.4	20.9	31.3
277	26.7	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#96

Benzo(g,h,i)perylene

Concen: 4.145 ng/ul

RT: 27.727 min Scan# 4155

Delta R.T. -0.000 min

Lab File: BP016756.D

Acq: 25 Aug 2023 21:11

Tgt Ion:	276	Resp:	245817
Ion Ratio	Lower	Upper	
276	100		
138	30.5	20.2	30.4
277	28.3	19.3	28.9

