

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016292.D
 Acq On : 18 Jul 2023 13:38
 Operator : MA/JU
 Sample : 03458-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:36:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	205649	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.769	136	1003002	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	735038	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1656541	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1534925	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1574743	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	24276	4.177	ng/uL	0.00
4) Pyridine-d5	3.740	84	148235	10.227	ng/u1	0.00
7) Phenol-d5	7.146	99	353501	19.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	235755	18.770	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.487	132	279913	20.875	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	135049	9.025	ng/u1	0.01
21) Nitrobenzene-d5	9.152	128	117770	17.020	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	141348	17.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	236470	17.315	ng/u1	0.03
31) 4-Chloroaniline-d4	11.028	131	71121m	3.249	ng/u1	0.07
46) Dimethylphthalate-d6	14.022	166	1054529	18.808	ng/u1	0.00
49) Acenaphthylene-d8	14.299	160	1166940	18.991	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	130194m	11.378	ng/u1	0.02
60) Fluorene-d10	15.604	176	871996	18.583	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	77500m	8.104	ng/u1	0.01
73) Anthracene-d10	17.475	188	1238988	17.099	ng/u1	0.00
81) Pyrene-d10	19.704	212	1466178	18.408	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.792	264	871146	11.519	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.822	105	75629	3.065	ng/u1	97
52) Acenaphthene	14.669	153	70948	1.486	ng/u1	99
61) Fluorene	15.669	166	72779	1.340	ng/u1	98
72) Phenanthrene	17.416	178	655517	7.595	ng/u1	99
74) Anthracene	17.516	178	115117m	1.327	ng/u1	
80) Fluoranthene	19.381	202	665497	7.145	ng/u1	99
82) Pyrene	19.739	202	370781	3.729	ng/u1	99
85) Benzo(a)anthracene	21.451	228	256179	2.563	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.328	149	167110	2.608	ng/u1	99
87) Chrysene	21.510	228	247984	2.449	ng/u1	96
90) Benzo(b)fluoranthene	23.198	252	257466	2.862	ng/u1#	95
91) Benzo(k)fluoranthene	23.251	252	92507	1.011	ng/u1#	92

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

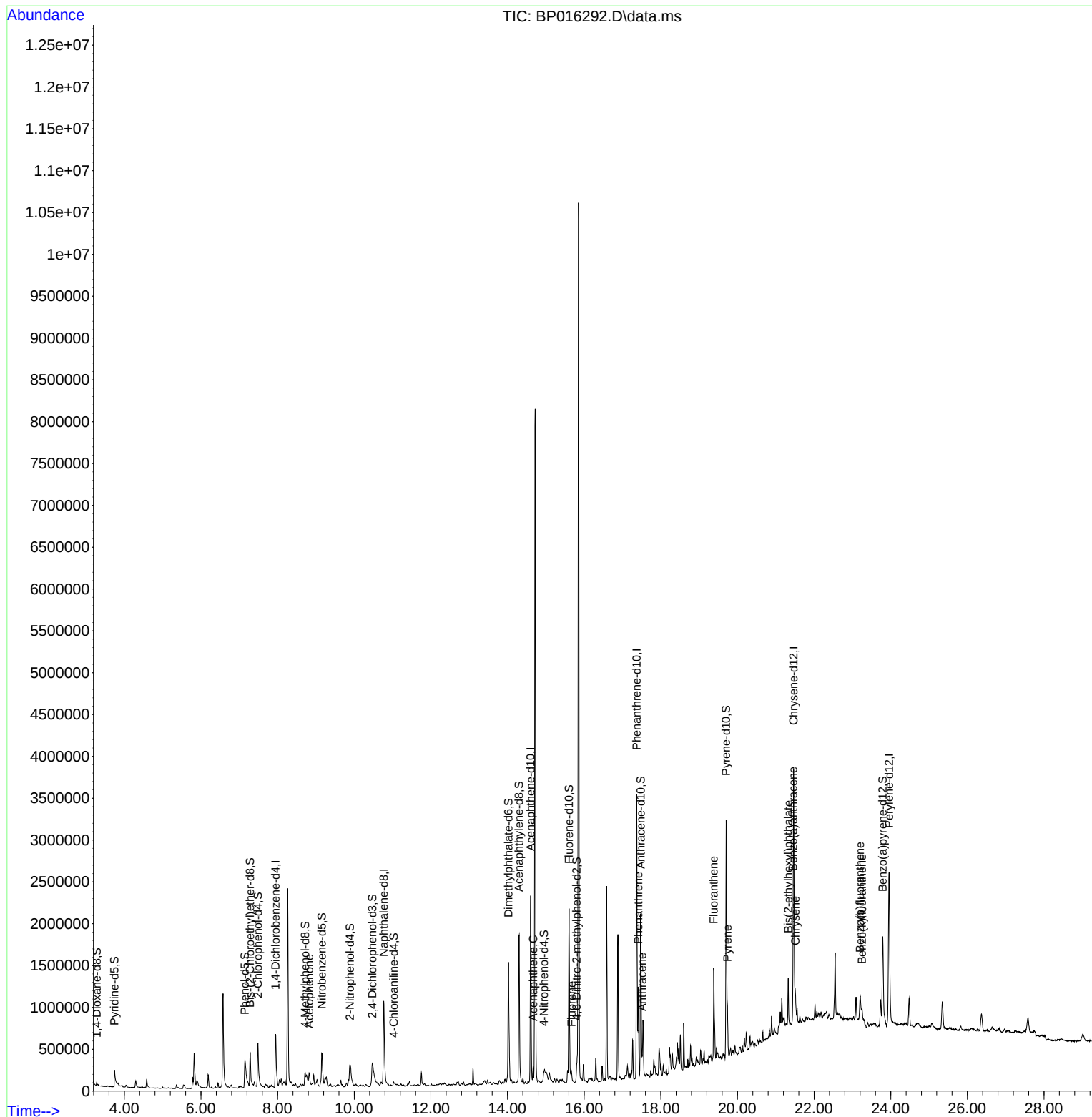
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016292.D
Acq On : 18 Jul 2023 13:38
Operator : MA/JU
Sample : 03458-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

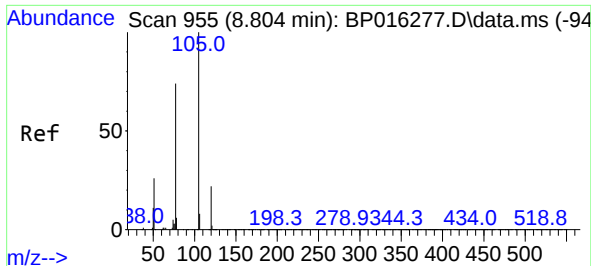
Instrument :
BNA_P
ClientSampleId :
A46M9

Quant Time: Jul 19 00:36:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

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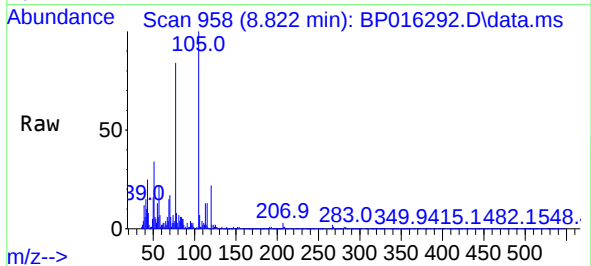
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023





#16
Acetophenone
Concen: 3.065 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

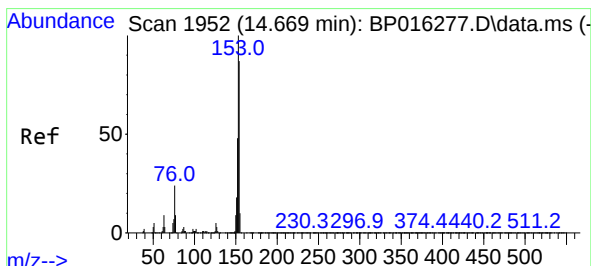
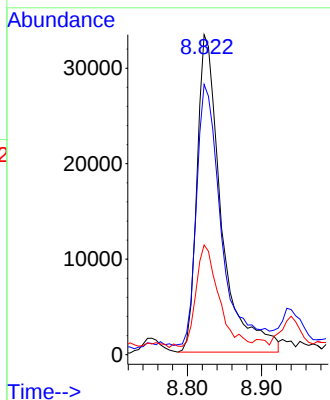
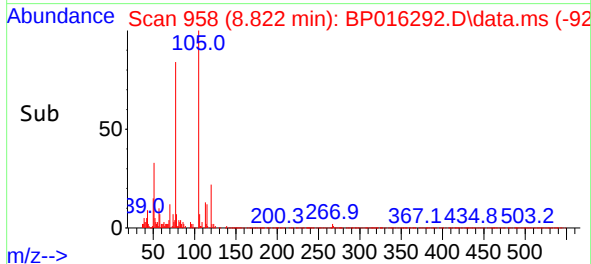
Instrument :
BNA_P
ClientSampleId :
A46M9



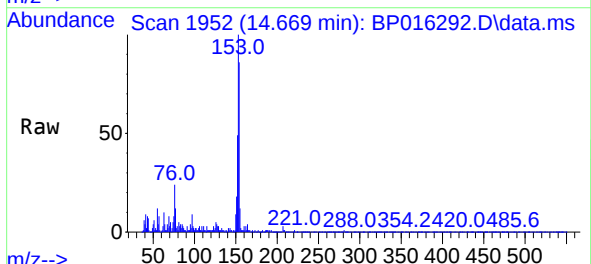
Tgt Ion:105 Resp: 75629
Ion Ratio Lower Upper
105 100
77 84.5 70.2 105.2
51 34.3 26.3 39.5

Manual Integrations
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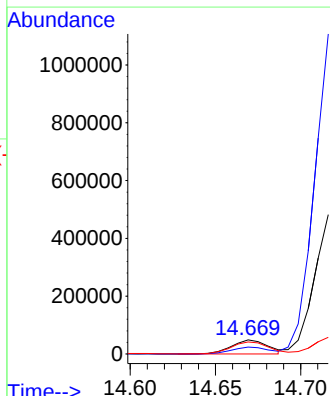
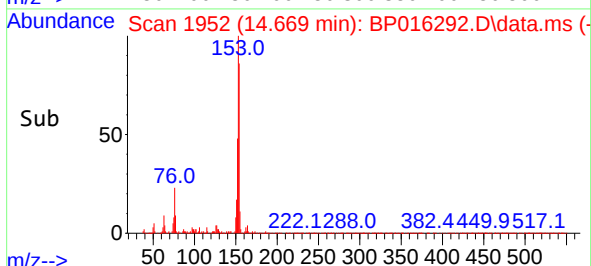
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

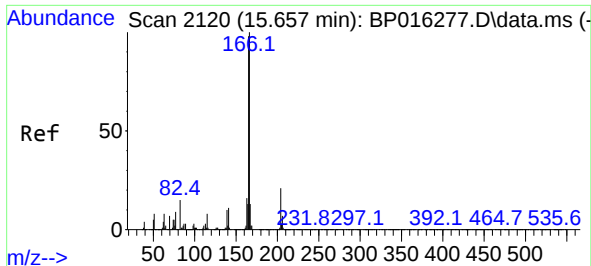


#52
Acenaphthene
Concen: 1.486 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38



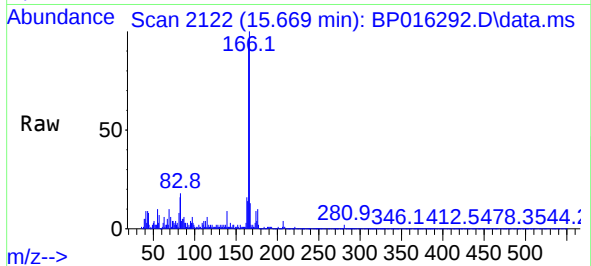
Tgt Ion:153 Resp: 70948
Ion Ratio Lower Upper
153 100
152 48.6 37.9 56.9
154 85.7 69.3 103.9





#61
Fluorene
Concen: 1.340 ng/ul
RT: 15.669 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

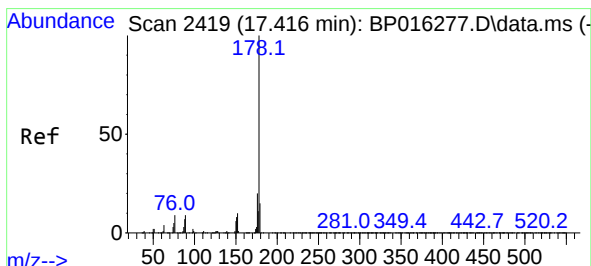
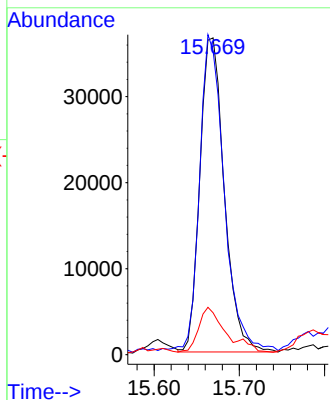
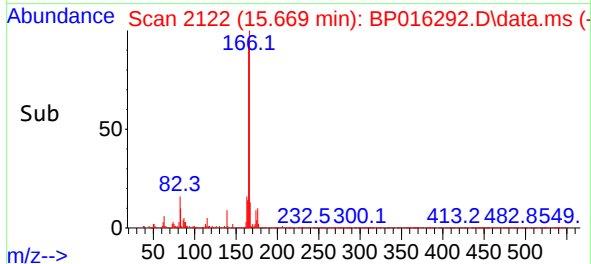
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ClientSampleId :
A46M9



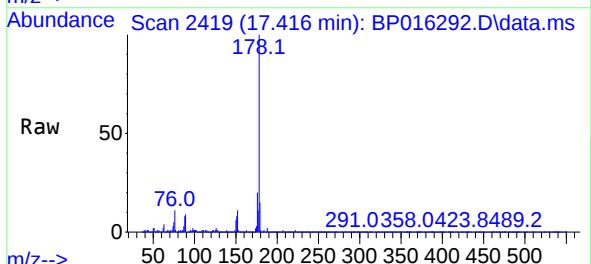
Tgt Ion:166 Resp: 72779
Ion Ratio Lower Upper
166 100
165 96.0 78.6 117.8
167 13.2 11.0 16.4

Manual Integrations
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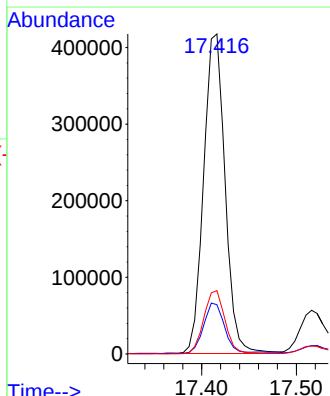
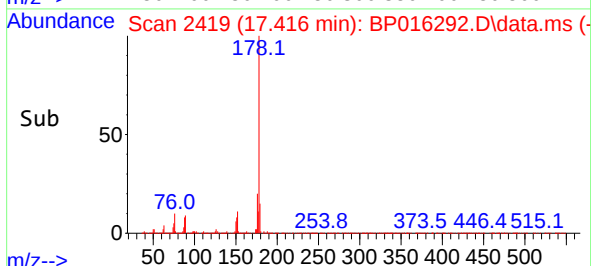
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

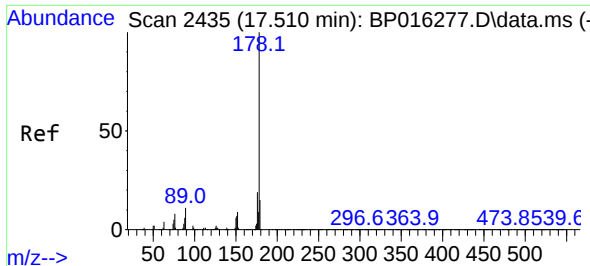


#72
Phenanthrene
Concen: 7.595 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38



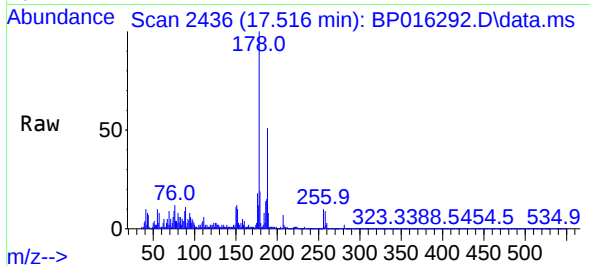
Tgt Ion:178 Resp: 655517
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.8 15.6 23.4





#74
 Anthracene
 Concen: 1.327 ng/ul m
 RT: 17.516 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BP016292.D
 Acq: 18 Jul 2023 13:38

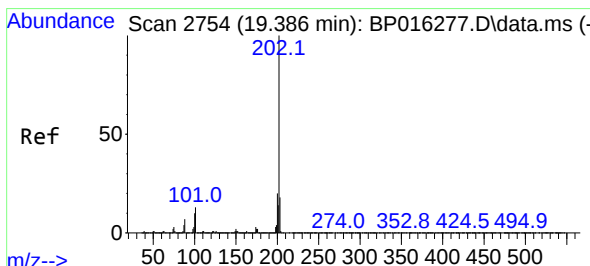
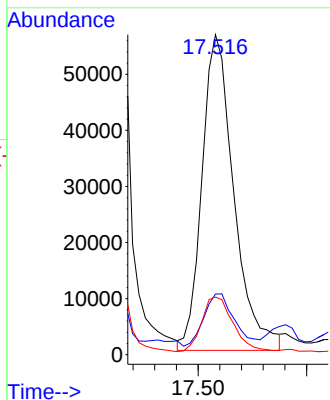
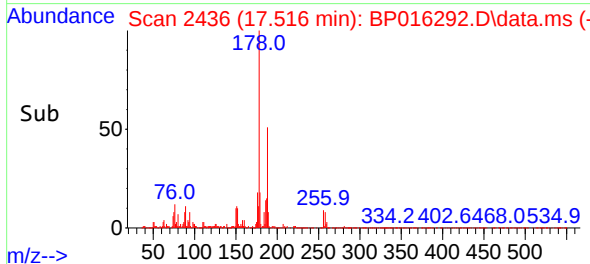
Instrument :
 BNA_P
 ClientSampleId :
 A46M9



Tgt Ion:178 Resp: 115117
 Ion Ratio Lower Upper
 178 100
 179 18.9 11.9 17.9
 176 18.0 15.0 22.4

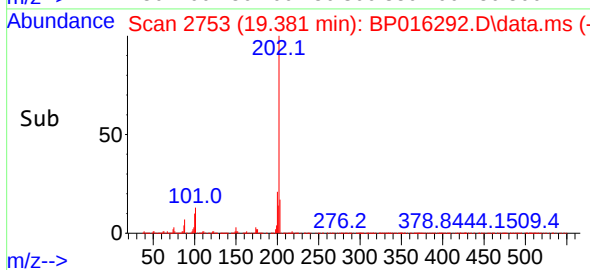
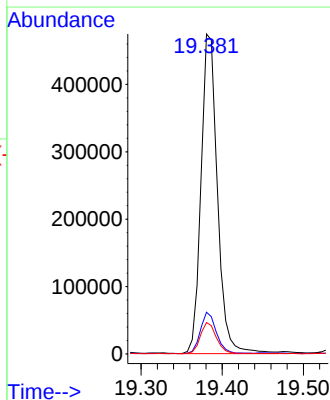
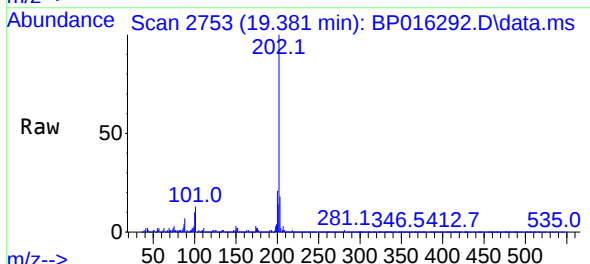
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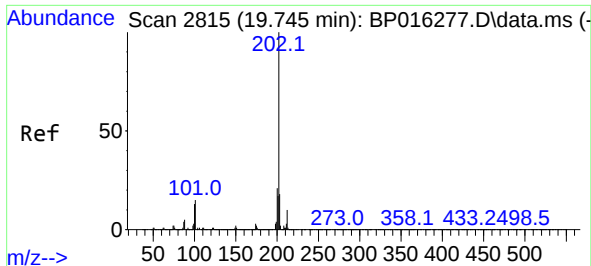
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#80
 Fluoranthene
 Concen: 7.145 ng/ul
 RT: 19.381 min Scan# 2753
 Delta R.T. -0.012 min
 Lab File: BP016292.D
 Acq: 18 Jul 2023 13:38

Tgt Ion:202 Resp: 665497
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.4 15.6
 100 9.8 8.2 12.4





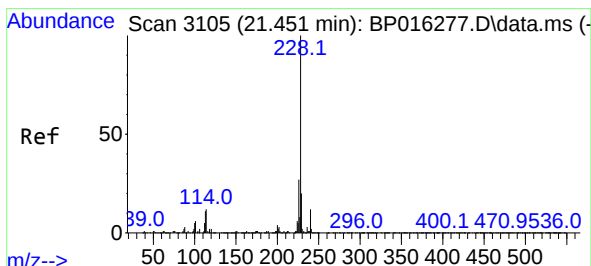
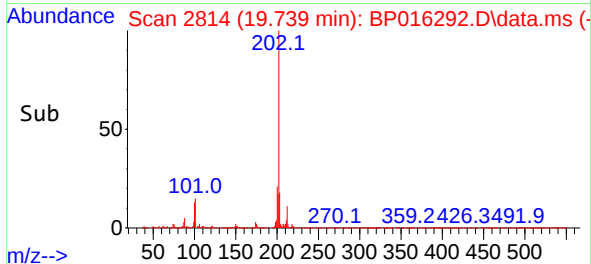
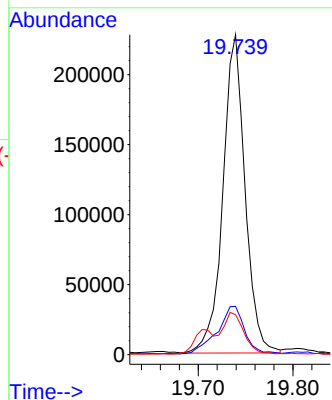
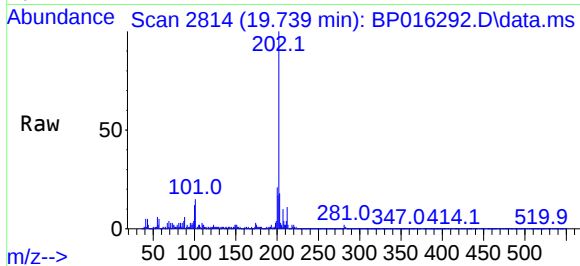
#82
Pyrene
Concen: 3.729 ng/ul
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

Instrument :
BNA_P
ClientSampleId :
A46M9

Tgt Ion:202 Resp: 37078
Ion Ratio Lower Upper
202 100
101 15.1 12.4 18.6
100 12.5 10.5 15.7

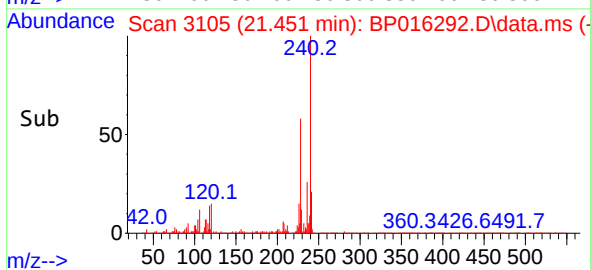
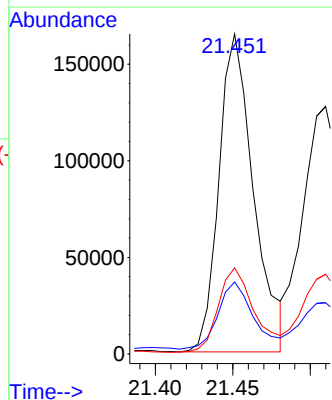
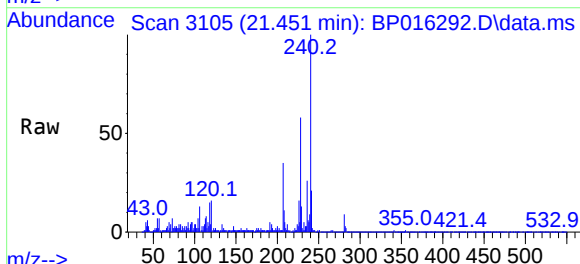
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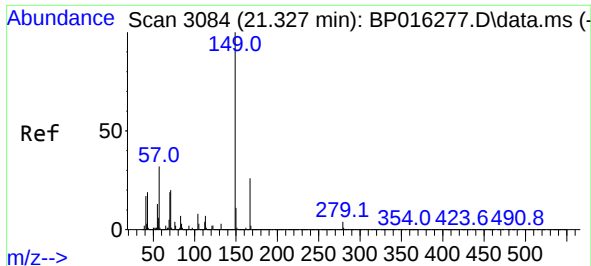
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#85
Benzo(a)anthracene
Concen: 2.563 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

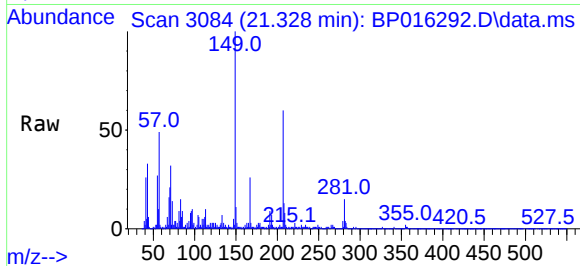
Tgt Ion:228 Resp: 256179
Ion Ratio Lower Upper
228 100
229 22.5 15.5 23.3
226 26.9 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.608 ng/ul
RT: 21.328 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

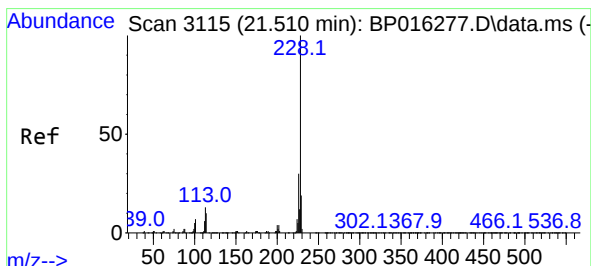
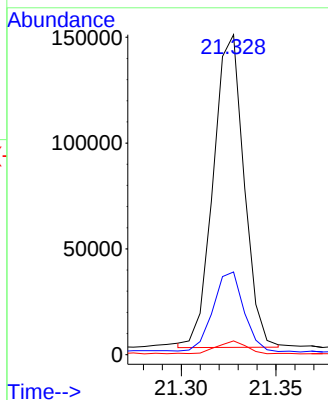
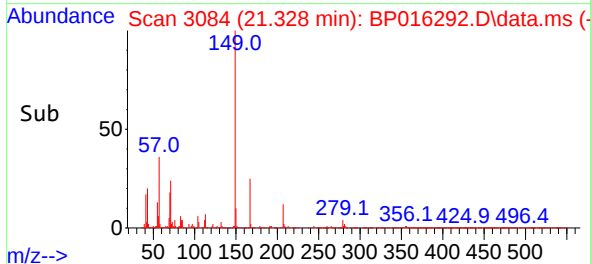
Instrument :
BNA_P
ClientSampleId :
A46M9



Tgt Ion:149 Resp: 167110
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.4
279 4.3 3.0 4.6

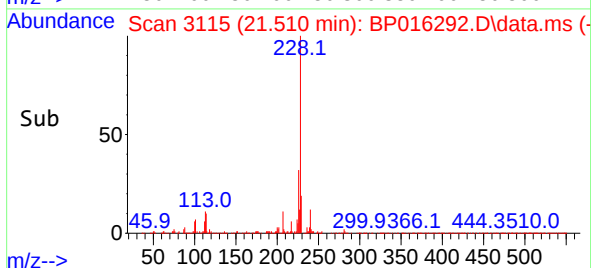
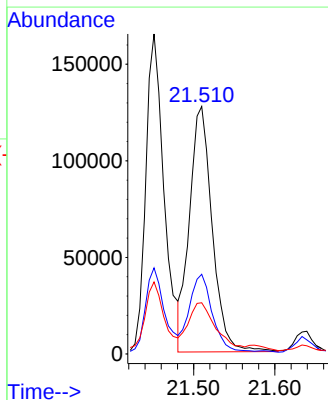
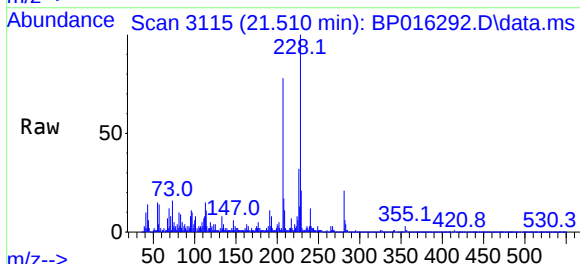
Manual Integrations
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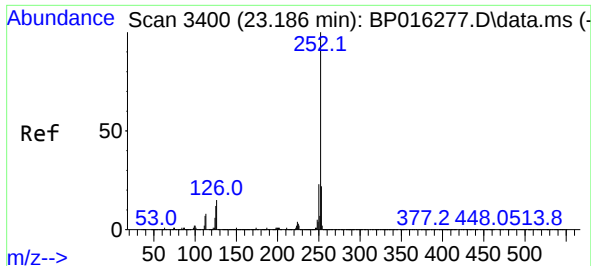
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#87
Chrysene
Concen: 2.449 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

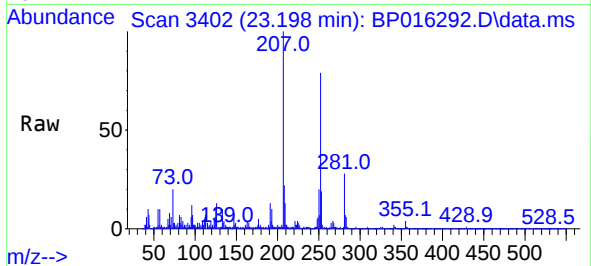
Tgt Ion:228 Resp: 247984
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 20.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.862 ng/ul
RT: 23.198 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38

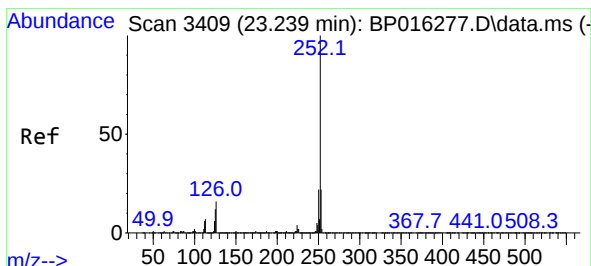
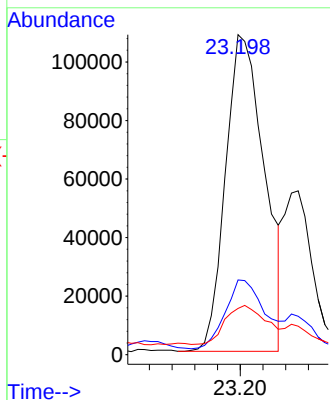
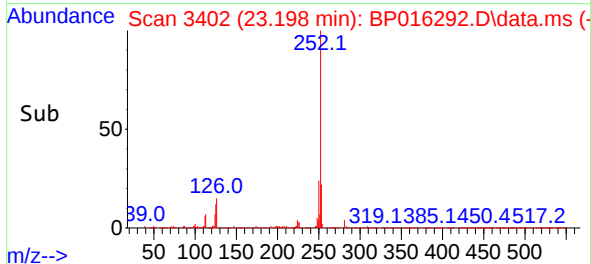
Instrument :
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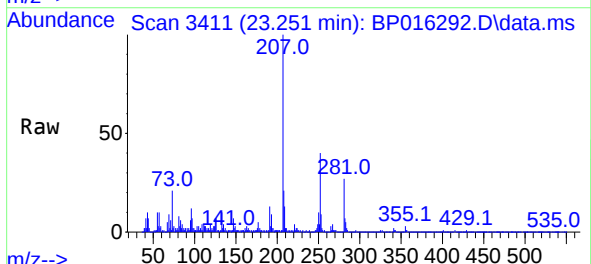
Tgt Ion:252 Resp: 257460
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 14.5 9.4 14.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#91
Benzo(k)fluoranthene
Concen: 1.011 ng/ul
RT: 23.251 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BP016292.D
Acq: 18 Jul 2023 13:38



Tgt Ion:252 Resp: 92507
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 17.4 9.3 13.9

