

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016291.D
 Acq On : 18 Jul 2023 13:04
 Operator : MA/JU
 Sample : 03458-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M8

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 00:32:20 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	210912	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.775	136	961061	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	634913	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1434658	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1364191	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1385195	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11371	1.908	ng/uL	0.00
4) Pyridine-d5	3.764	84	29167	1.962	ng/u1	0.02
7) Phenol-d5	7.164	99	177676	9.327	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	117696	9.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	139509	10.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	68920	4.491	ng/u1	0.04
21) Nitrobenzene-d5	9.169	128	67375	10.162	ng/u1	0.02
24) 2-Nitrophenol-d4	9.893	143	75449	9.984	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.505	165	124856	9.541	ng/u1	0.06
31) 4-Chloroaniline-d4	11.105	131	6744m	0.322	ng/u1	0.15
46) Dimethylphthalate-d6	14.028	166	530009	10.943	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	539959	10.173	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	49879m	5.046	ng/u1	0.09
60) Fluorene-d10	15.616	176	473134	11.673	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	36315m	4.385	ng/u1	0.04
73) Anthracene-d10	17.481	188	598256	9.533	ng/u1	0.00
81) Pyrene-d10	19.710	212	724956	10.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	351603	5.286	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.828	105	99904	3.948	ng/u1	95
72) Phenanthrene	17.416	178	506955	6.782	ng/u1	100
74) Anthracene	17.528	178	102309m	1.362	ng/u1	
80) Fluoranthene	19.387	202	507981	6.137	ng/u1	99
82) Pyrene	19.739	202	454043	5.138	ng/u1	99
85) Benzo(a)anthracene	21.451	228	228533	2.573	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.328	149	280183	4.921	ng/u1	100
87) Chrysene	21.510	228	249382	2.771	ng/u1	99
90) Benzo(b)fluoranthene	23.210	252	220515	2.787	ng/u1	95

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

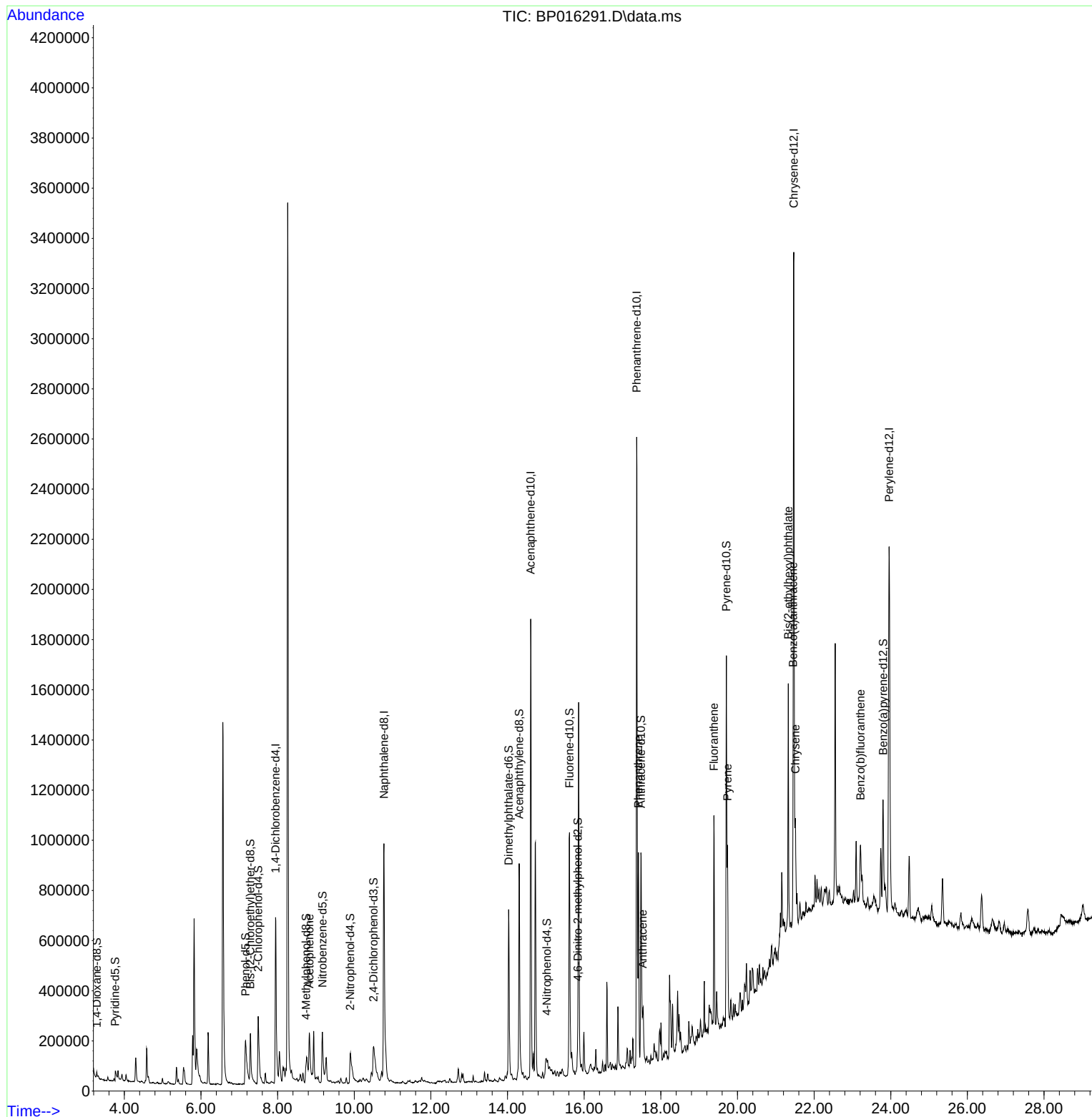
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016291.D
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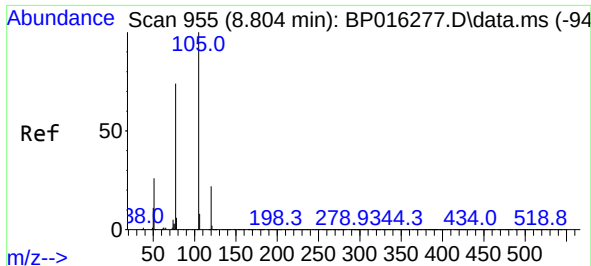
Instrument :
BNA_P
ClientSampleId :
A46M8

Quant Time: Jul 19 00:32:20 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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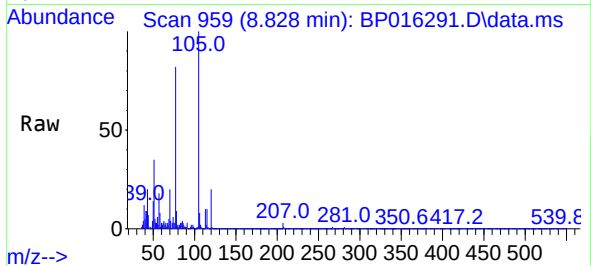
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023





#16
Acetophenone
Concen: 3.948 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

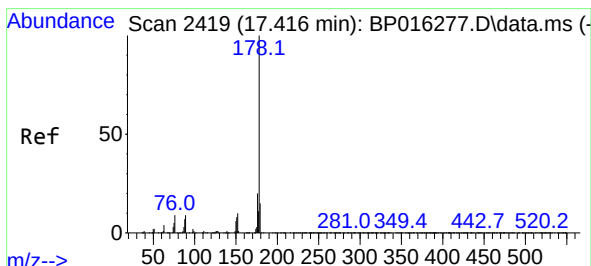
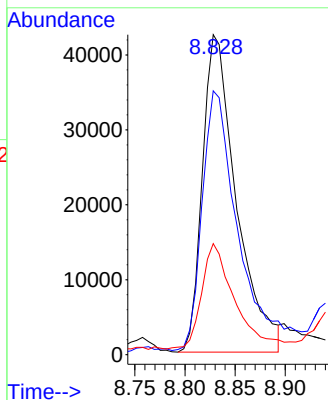
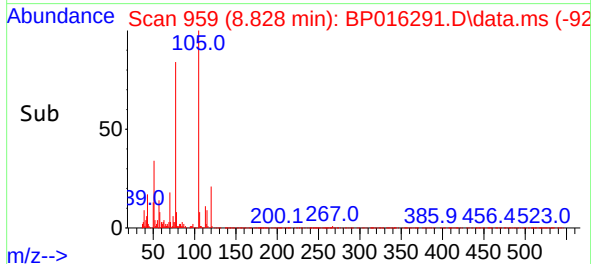
Instrument :
BNA_P
ClientSampleId :
A46M8



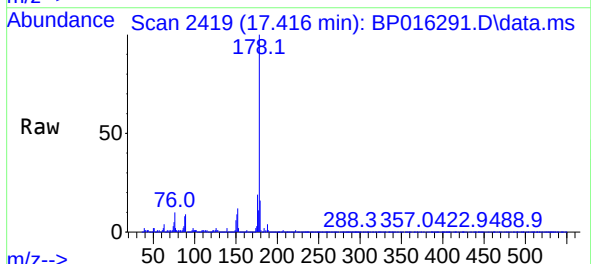
Tgt Ion:105 Resp: 99904
Ion Ratio Lower Upper
105 100
77 82.4 70.2 105.2
51 34.7 26.3 39.5

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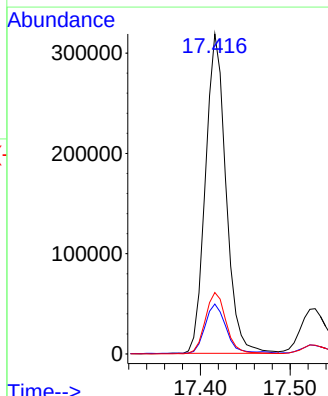
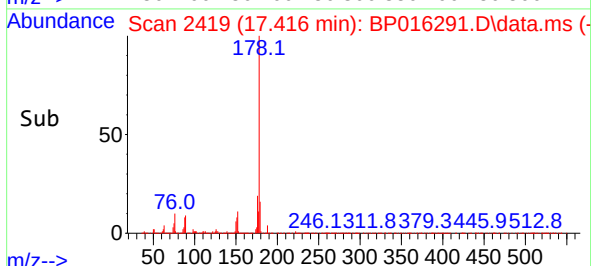
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

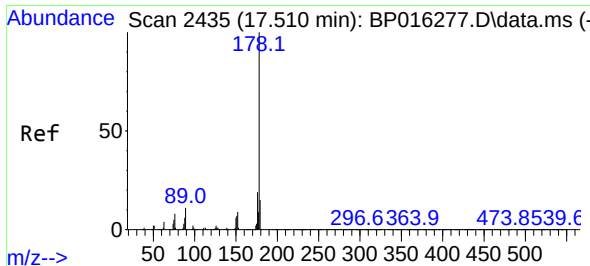


#72
Phenanthrene
Concen: 6.782 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04



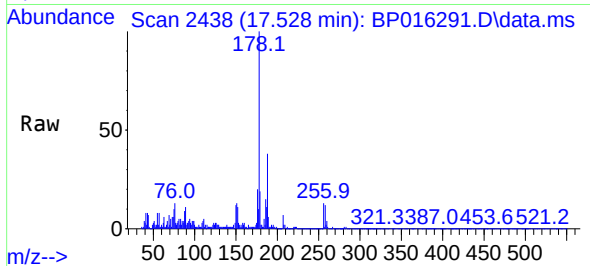
Tgt Ion:178 Resp: 506955
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.2 15.6 23.4





#74
 Anthracene
 Concen: 1.362 ng/ul m
 RT: 17.528 min Scan# 2435
 Delta R.T. 0.012 min
 Lab File: BP016291.D
 Acq: 18 Jul 2023 13:04

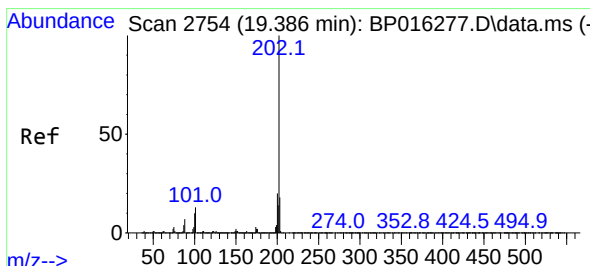
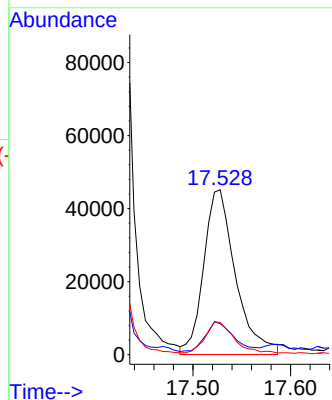
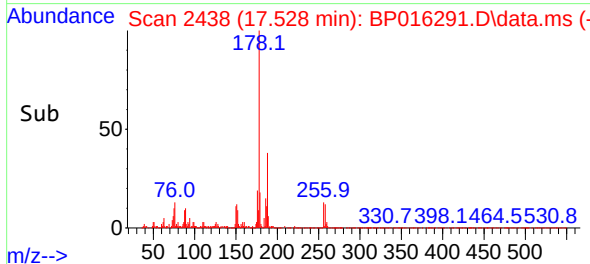
Instrument :
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 ClientSampleId :
 A46M8



Tgt Ion:178 Resp: 102309
 Ion Ratio Lower Upper
 178 100
 179 18.7 11.9 17.9
 176 19.6 15.0 22.4

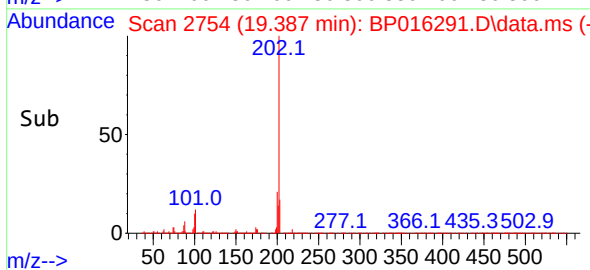
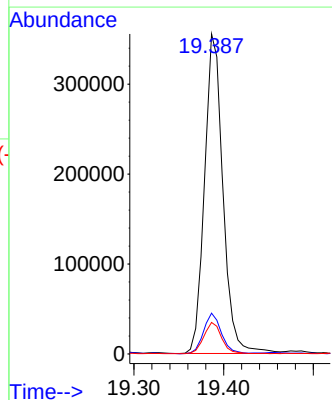
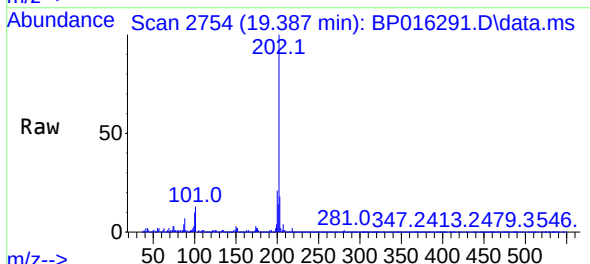
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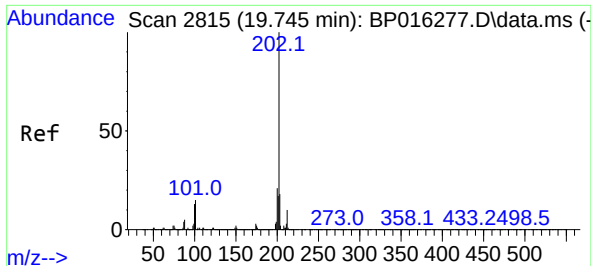
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#80
 Fluoranthene
 Concen: 6.137 ng/ul
 RT: 19.387 min Scan# 2754
 Delta R.T. -0.006 min
 Lab File: BP016291.D
 Acq: 18 Jul 2023 13:04

Tgt Ion:202 Resp: 507981
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.4 15.6
 100 9.8 8.2 12.4





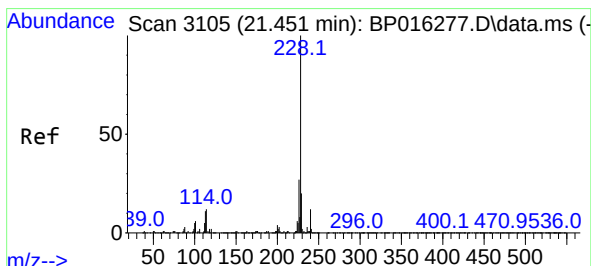
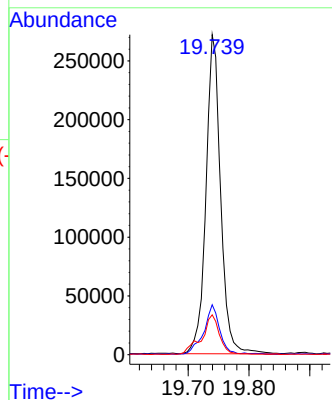
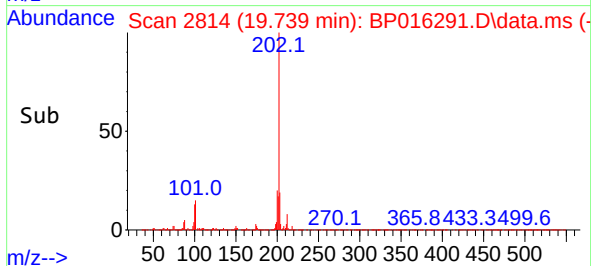
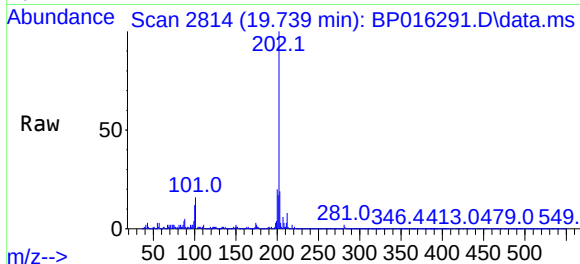
#82
Pyrene
Concen: 5.138 ng/ul
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

Instrument :
BNA_P
ClientSampleId :
A46M8

Tgt Ion:202 Resp: 45404
Ion Ratio Lower Upper
202 100
101 15.6 12.4 18.6
100 12.5 10.5 15.7

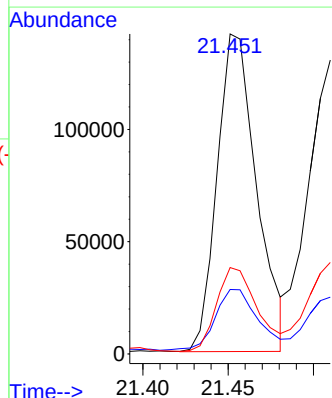
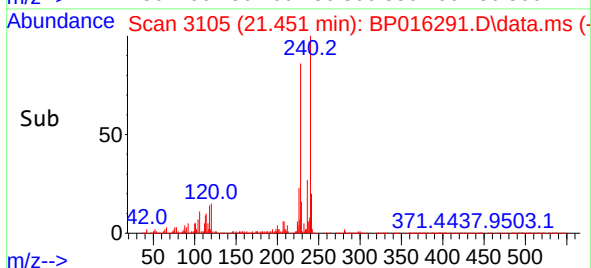
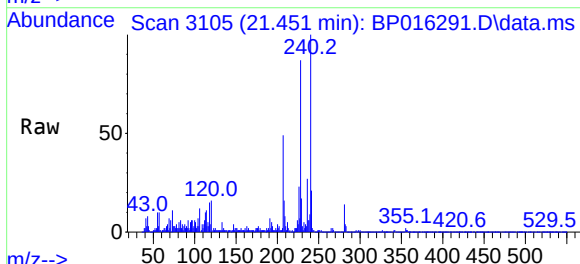
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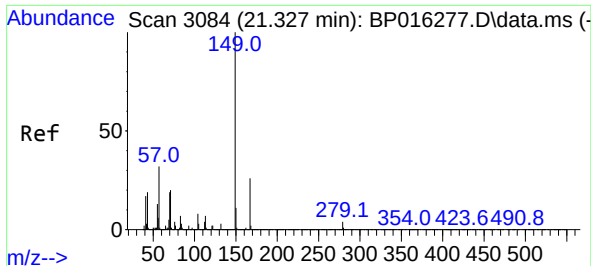
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#85
Benzo(a)anthracene
Concen: 2.573 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

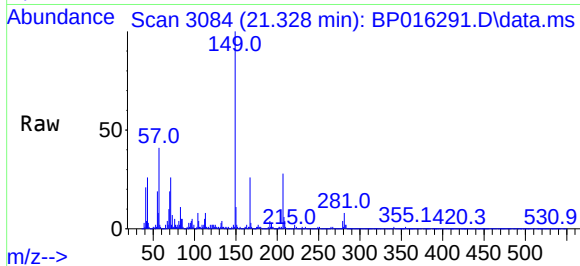
Tgt Ion:228 Resp: 228533
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.0 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.921 ng/ul
RT: 21.328 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

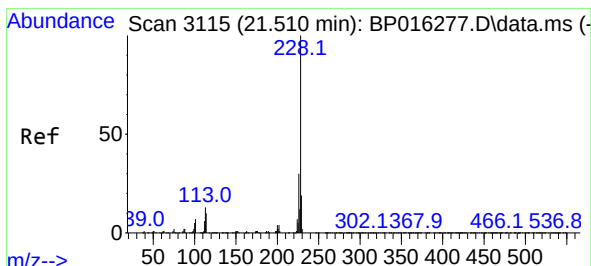
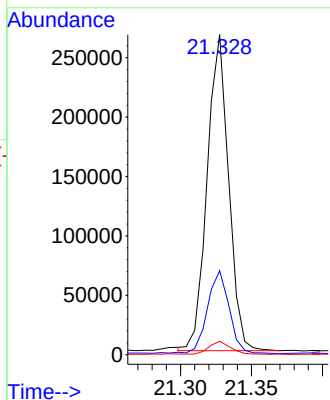
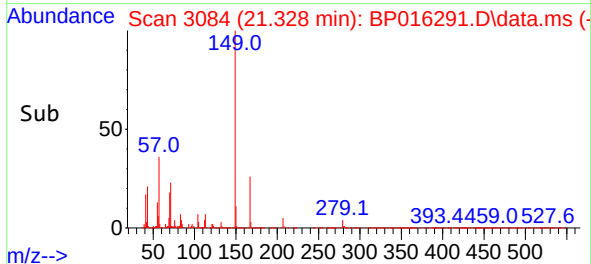
Instrument :
BNA_P
ClientSampleId :
A46M8



Tgt Ion:149 Resp: 28018
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.2 3.0 4.6

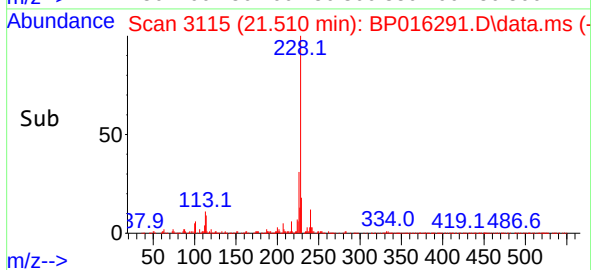
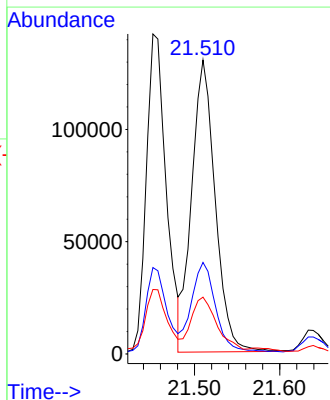
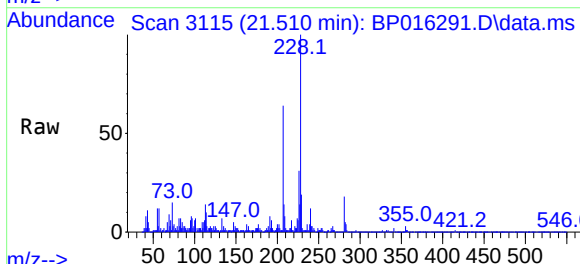
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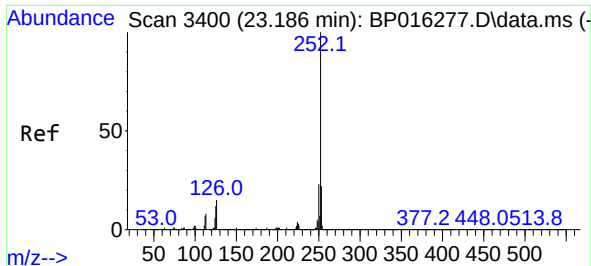
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#87
Chrysene
Concen: 2.771 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

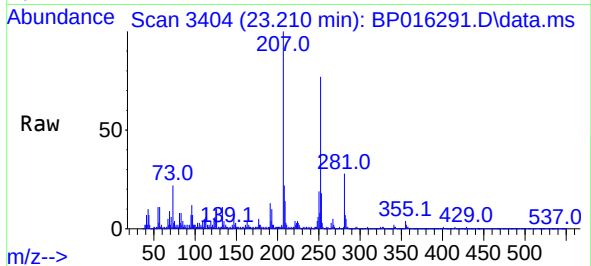
Tgt Ion:228 Resp: 249382
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 19.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.787 ng/ul
RT: 23.210 min Scan# 3404
Delta R.T. 0.018 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

Instrument :
BNA_P
ClientSampleId :
A46M8



Tgt Ion:252 Resp: 220515
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 13.3 9.4 14.0

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