

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 03:16:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	230201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	789372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	624776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1335921	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1081174	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	792154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9685	1.489	ng/uL	0.00
4) Pyridine-d5	3.705	84	162429m	10.011	ng/u1	-0.02
7) Phenol-d5	7.181	99	102093	4.910	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.287	67	113500	8.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	90152	6.006	ng/u1	0.02
15) 4-Methylphenol-d8	8.787	113	36973m	2.207	ng/u1	0.09
21) Nitrobenzene-d5	9.169	128	64400	11.826	ng/u1	0.03
24) 2-Nitrophenol-d4	9.899	143	65143m	10.495	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.552	165	50462m	4.695	ng/u1	0.12
31) 4-Chloroaniline-d4	10.946	131	28	0.002	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	505596	10.609	ng/u1	0.01
49) Acenaphthylene-d8	14.298	160	467343	8.948	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	39521m	4.063	ng/u1	0.09
60) Fluorene-d10	15.610	176	400679	10.046	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.840	200	25350m	3.287	ng/u1	0.06
73) Anthracene-d10	17.481	188	323104	5.529	ng/u1	0.00
81) Pyrene-d10	19.710	212	437896	7.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	71760	1.886	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.416	178	190319	2.734	ng/u1	99
80) Fluoranthene	19.386	202	274498	4.184	ng/u1	98
82) Pyrene	19.739	202	154773	2.210	ng/u1	98
85) Benzo(a)anthracene	21.457	228	101668	1.444	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.322	149	92408	2.048	ng/u1	97
87) Chrysene	21.510	228	115968	1.626	ng/u1	92
90) Benzo(b)fluoranthene	23.204	252	109167	2.413	ng/u1#	88

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

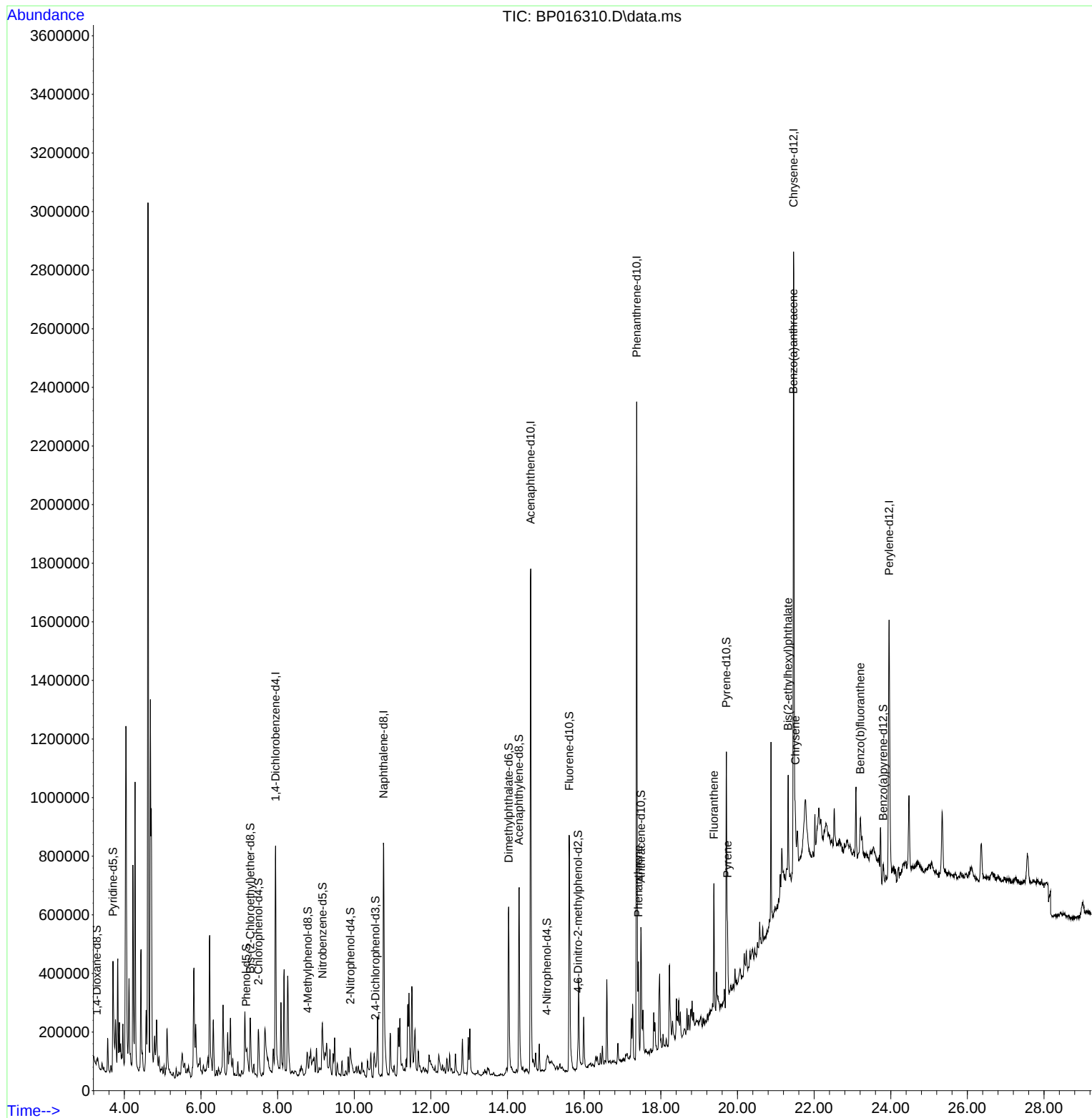
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
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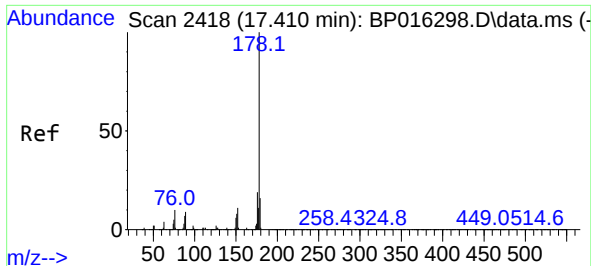
Instrument :
BNA_P
ClientSampleId :
A46T9

Quant Time: Jul 19 03:16:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
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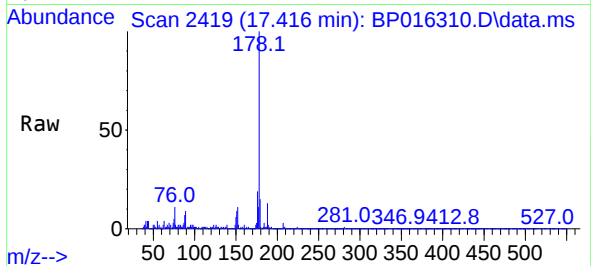
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023





#72
Phenanthrene
Concen: 2.734 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53

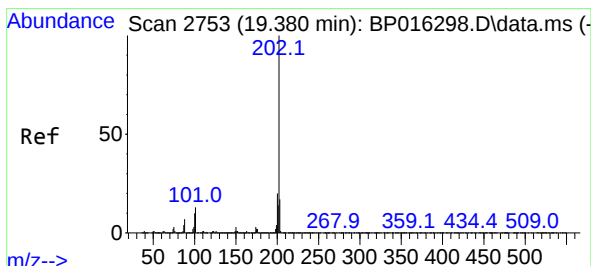
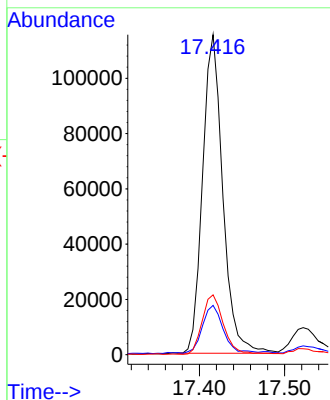
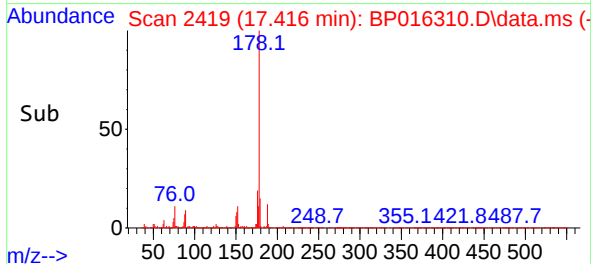
Instrument :
BNA_P
ClientSampleId :
A46T9



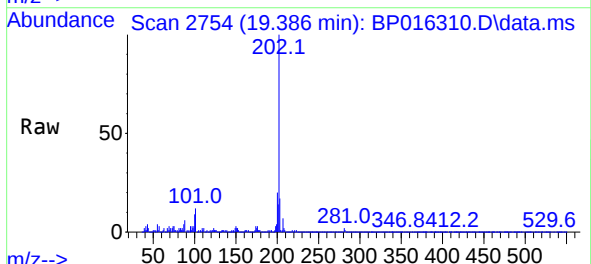
Tgt Ion:178 Resp: 190319
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.7 15.6 23.4

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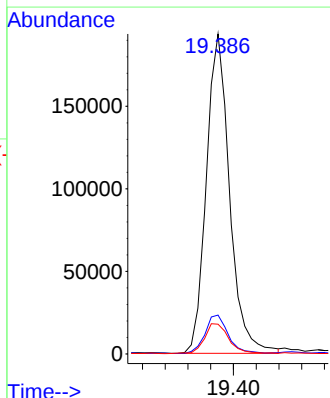
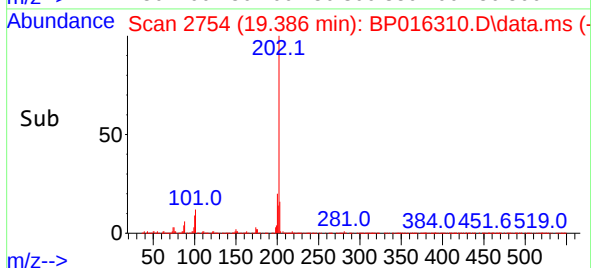
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

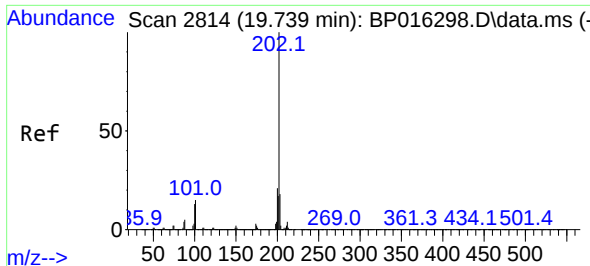


#80
Fluoranthene
Concen: 4.184 ng/ul
RT: 19.386 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53



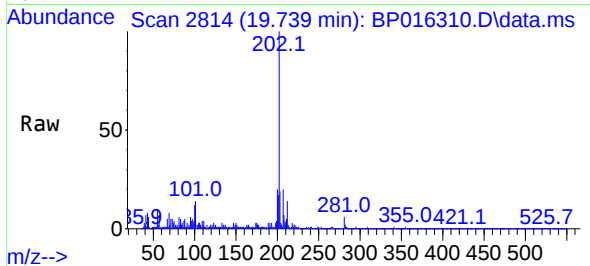
Tgt Ion:202 Resp: 274498
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 9.3 8.2 12.4





#82
Pyrene
Concen: 2.210 ng/ul
RT: 19.739 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53

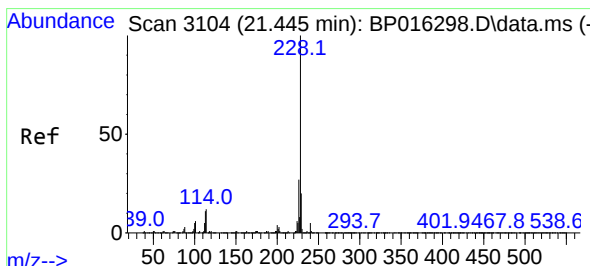
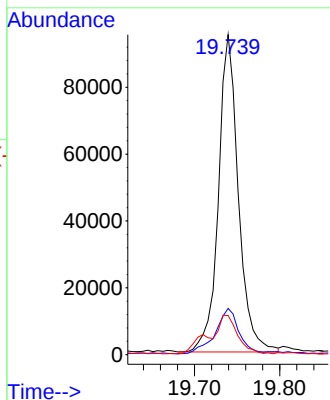
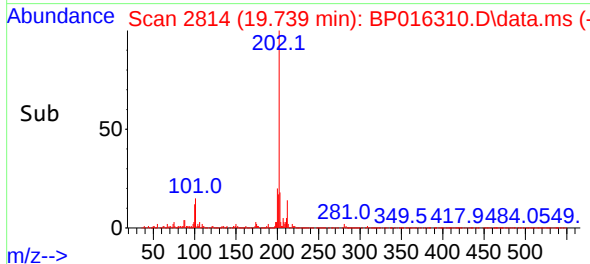
Instrument :
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ClientSampleId :
A46T9



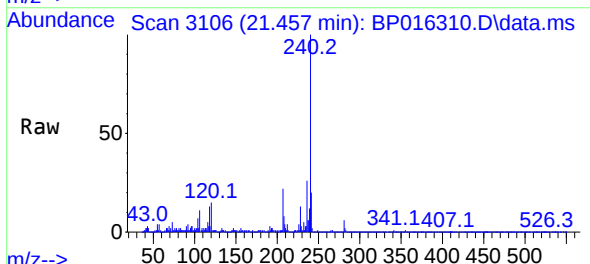
Tgt Ion:202 Resp: 15477
Ion Ratio Lower Upper
202 100
101 14.4 12.4 18.6
100 12.2 10.5 15.7

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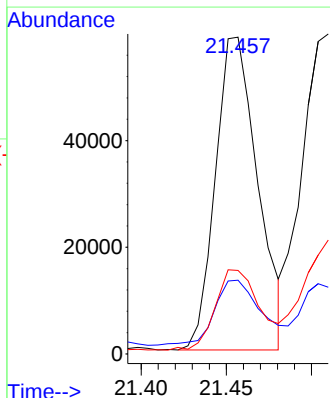
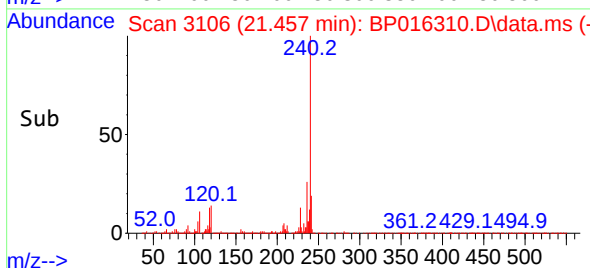
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

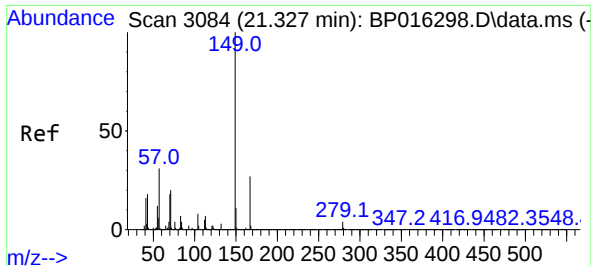


#85
Benzo(a)anthracene
Concen: 1.444 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53



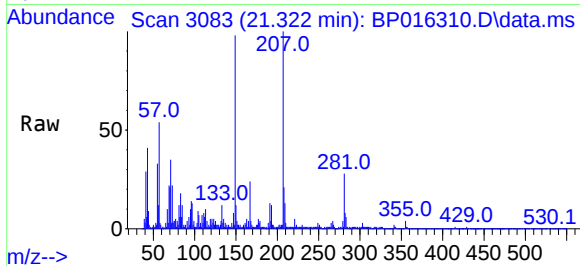
Tgt Ion:228 Resp: 101668
Ion Ratio Lower Upper
228 100
229 23.3 15.5 23.3#
226 26.4 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.048 ng/ul
RT: 21.322 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53

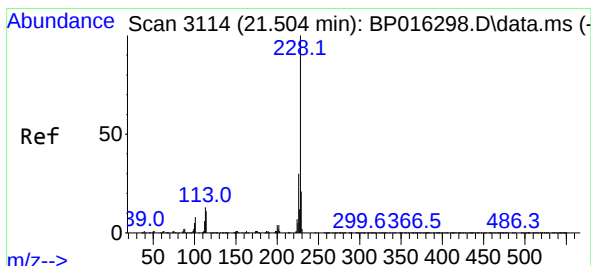
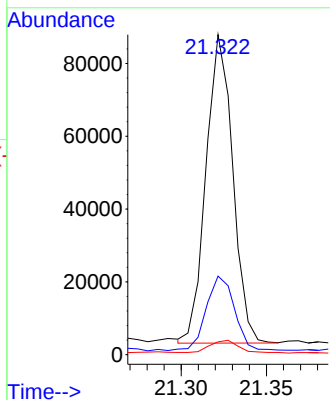
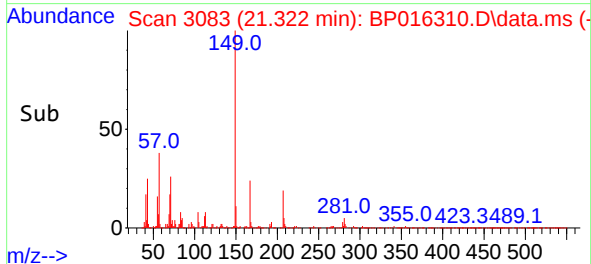
Instrument :
BNA_P
ClientSampleId :
A46T9



Tgt Ion:149 Resp: 92408
Ion Ratio Lower Upper
149 100
167 24.5 21.0 31.4
279 4.0 3.0 4.6

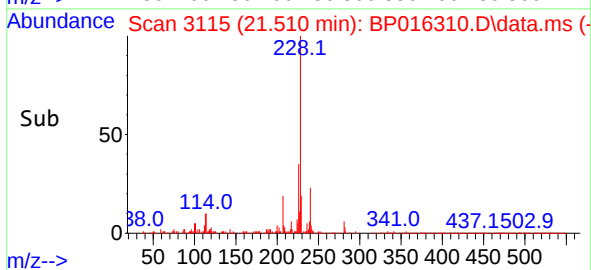
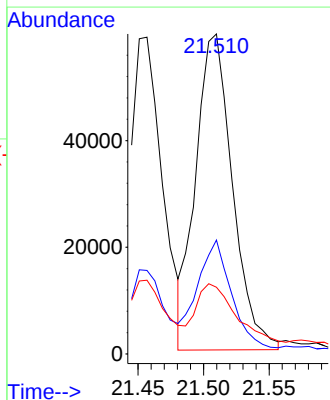
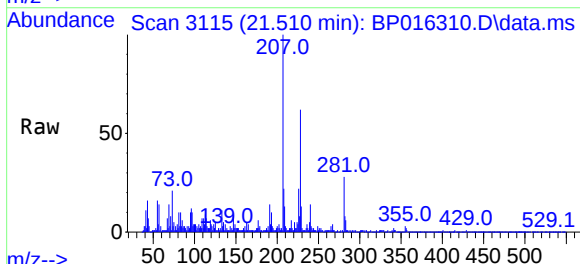
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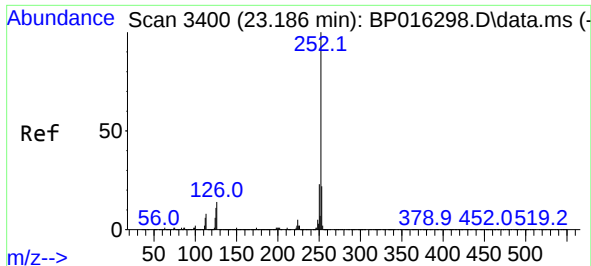
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#87
Chrysene
Concen: 1.626 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53

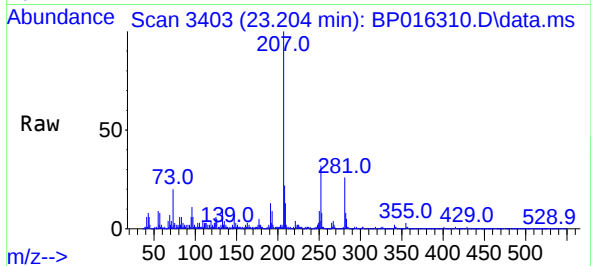
Tgt Ion:228 Resp: 115968
Ion Ratio Lower Upper
228 100
226 35.6 24.0 36.0
229 20.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.413 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.018 min
Lab File: BP016310.D
Acq: 19 Jul 2023 00:53

Instrument :
BNA_P
ClientSampleId :
A46T9



Tgt Ion:252 Resp: 10916
Ion Ratio Lower Upper
252 100
253 25.6 17.3 25.9
125 19.0 9.4 14.0

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