

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016308.D
 Acq On : 18 Jul 2023 23:45
 Operator : MA/JU
 Sample : 03458-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L4

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 03:05:56 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	305571	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	989522	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	773718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1777421	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1509806	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1403465	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	18060	2.091	ng/uL	0.00
4) Pyridine-d5	3.752	84	68881	3.198	ng/u1	0.02
7) Phenol-d5	7.158	99	316928	11.483	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	256743	13.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	282534	14.180	ng/u1	0.01
15) 4-Methylphenol-d8	8.728	113	119467m	5.373	ng/u1	0.04
21) Nitrobenzene-d5	9.158	128	100977	14.792	ng/u1	0.02
24) 2-Nitrophenol-d4	9.881	143	109852	14.119	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.481	165	182562	13.550	ng/u1	0.05
31) 4-Chloroaniline-d4	11.116	131	9196m	0.426	ng/u1	0.18
46) Dimethylphthalate-d6	14.022	166	856139	14.506	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	829817	12.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	98428m	8.172	ng/u1	0.04
60) Fluorene-d10	15.610	176	895008	18.120	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	78718m	7.672	ng/u1	0.03
73) Anthracene-d10	17.475	188	1055082	13.571	ng/u1	0.00
81) Pyrene-d10	19.704	212	709076	9.051	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	222903	3.307	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.822	105	115499	3.150	ng/u1	95
72) Phenanthrene	17.410	178	437289	4.722	ng/u1	99
80) Fluoranthene	19.381	202	666464	7.275	ng/u1	100
82) Pyrene	19.739	202	287383	2.938	ng/u1	99
83) Butylbenzylphthalate	20.575	149	367130	8.703	ng/u1	99
85) Benzo(a)anthracene	21.451	228	255645	2.600	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.322	149	283659	4.501	ng/u1	99
87) Chrysene	21.504	228	246153	2.471	ng/u1	96
90) Benzo(b)fluoranthene	23.204	252	242169	3.021	ng/u1#	94
91) Benzo(k)fluoranthene	23.251	252	95998	1.177	ng/u1#	89

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

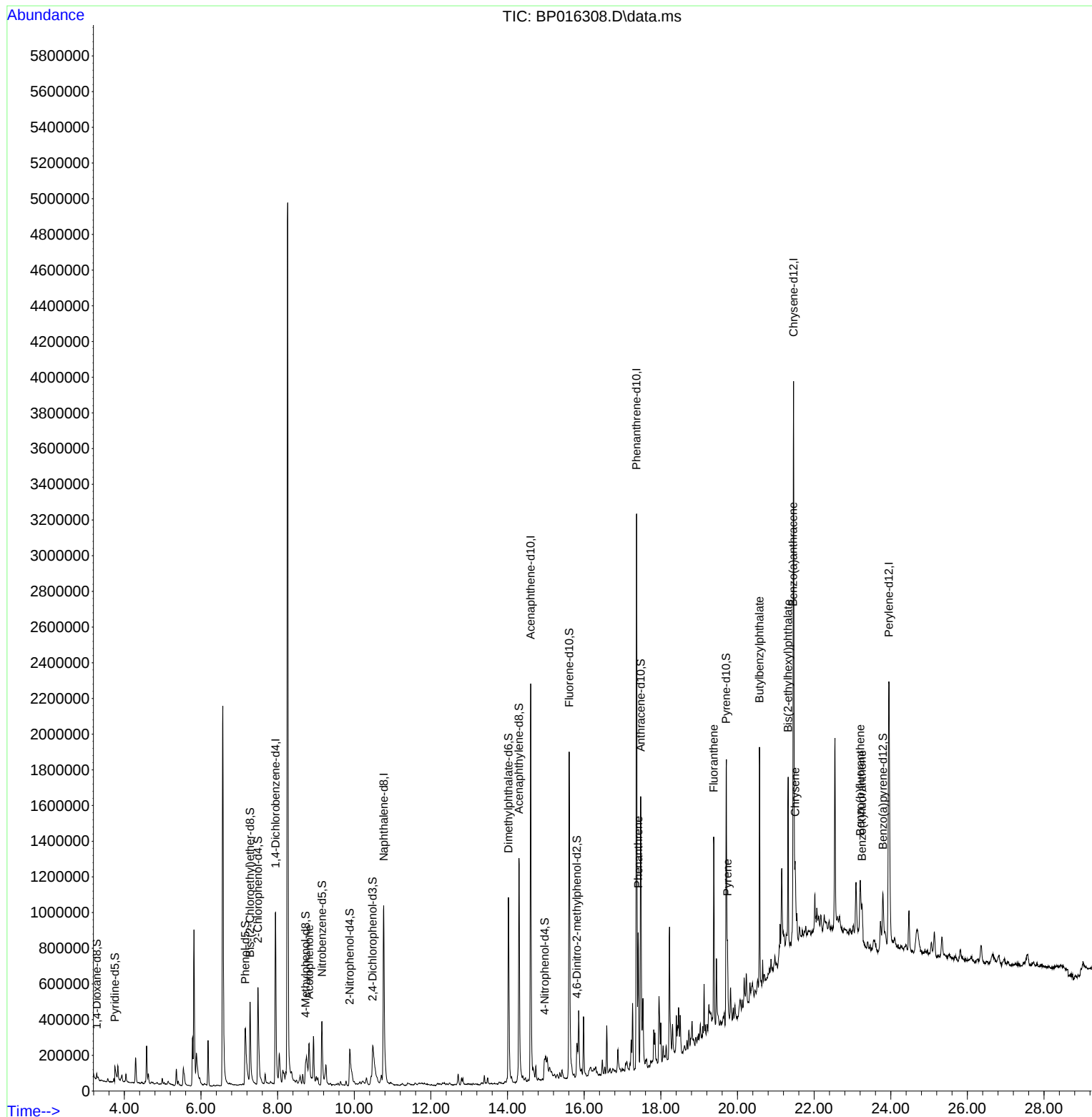
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016308.D
Acq On : 18 Jul 2023 23:45
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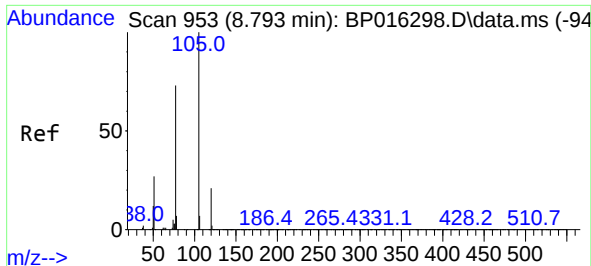
Instrument :
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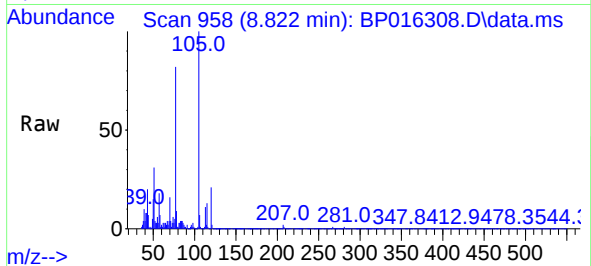
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.150 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

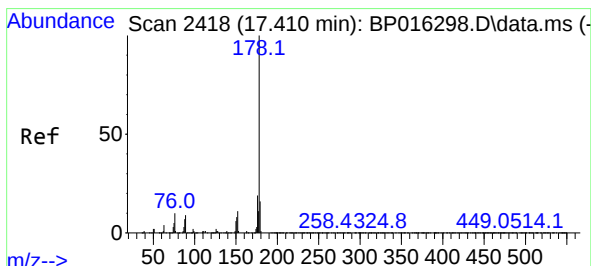
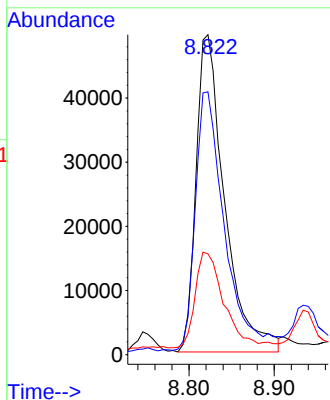
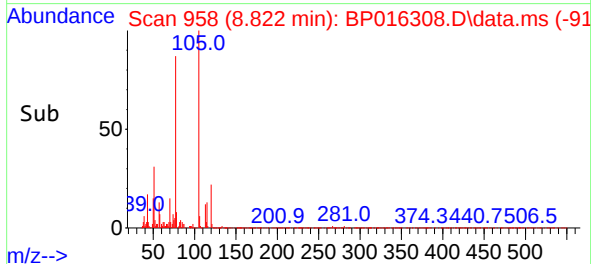
Instrument :
BNA_P
ClientSampleId :
A46L4



Tgt Ion:105 Resp: 115499
Ion Ratio Lower Upper
105 100
77 82.1 70.2 105.2
51 31.5 26.3 39.5

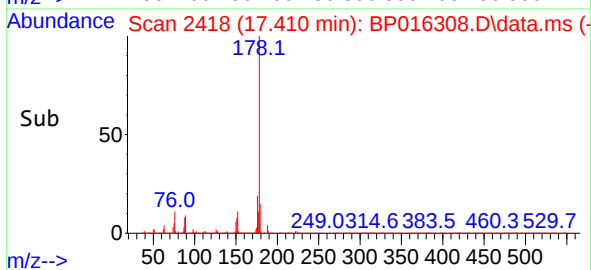
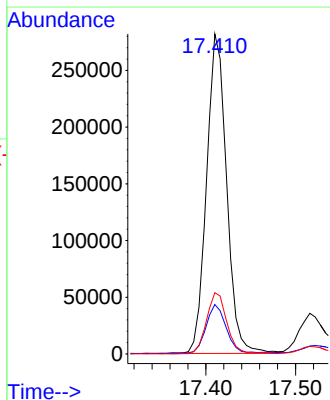
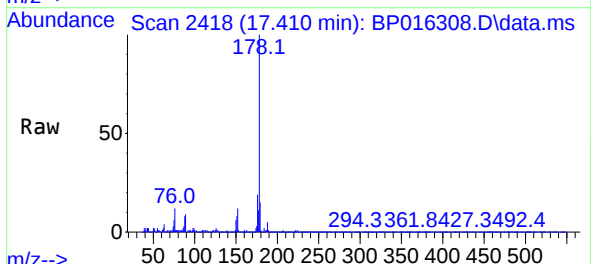
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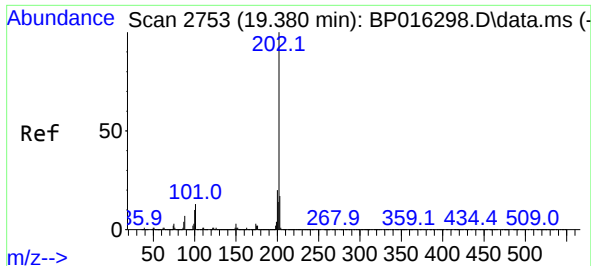
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#72
Phenanthrene
Concen: 4.722 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

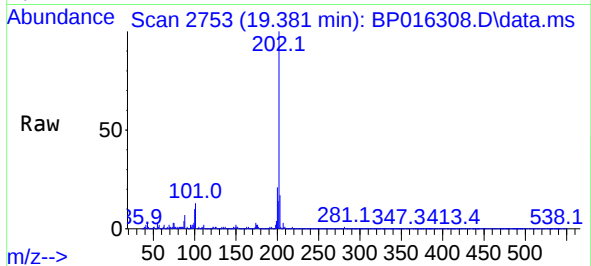
Tgt Ion:178 Resp: 437289
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.1 15.6 23.4





#80
Fluoranthene
Concen: 7.275 ng/u1
RT: 19.381 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

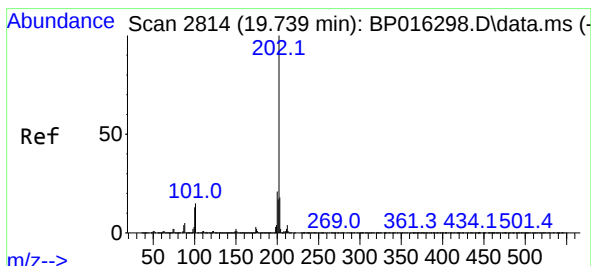
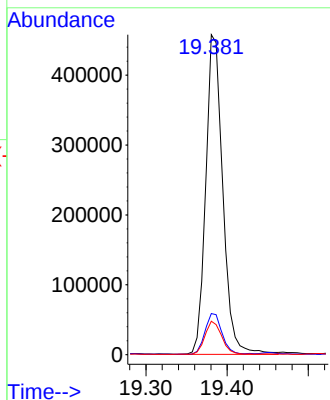
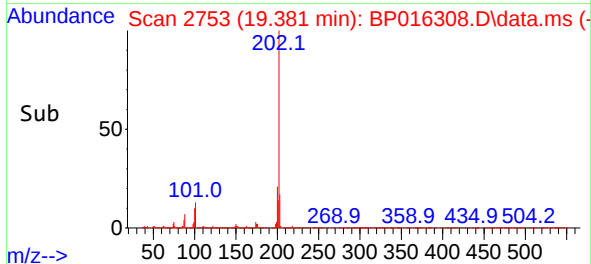
Instrument :
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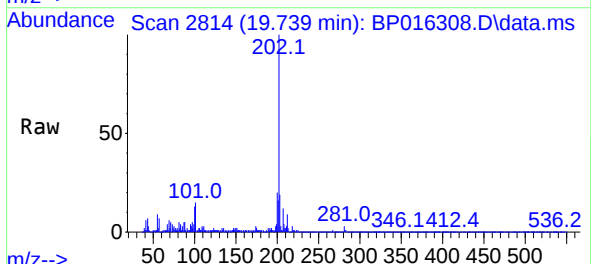
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Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 10.4 8.2 12.4

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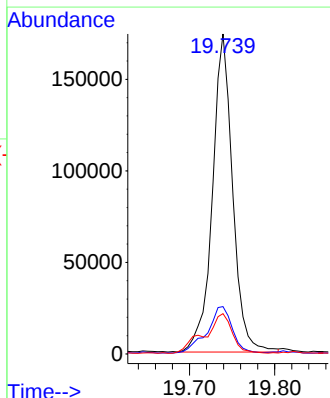
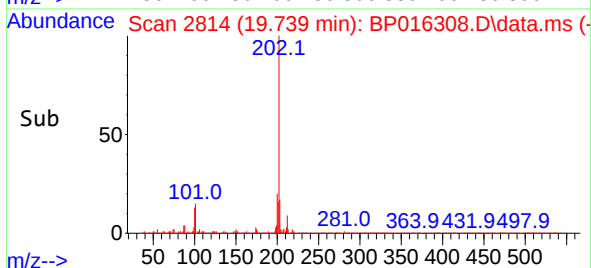
Reviewed By :Yogesh Patel 07/19/2023
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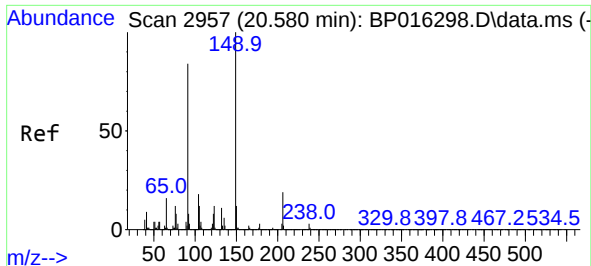


#82
Pyrene
Concen: 2.938 ng/u1
RT: 19.739 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45



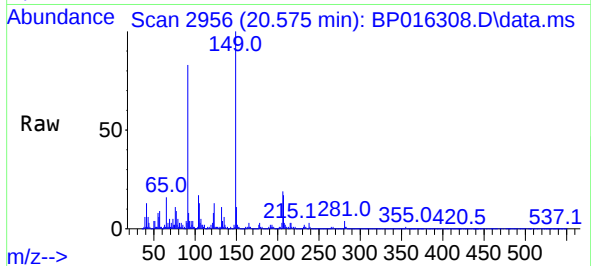
Tgt Ion:202 Resp: 287383
Ion Ratio Lower Upper
202 100
101 14.8 12.4 18.6
100 12.6 10.5 15.7





#83
Butylbenzylphthalate
Concen: 8.703 ng/ul
RT: 20.575 min Scan# 2957
Delta R.T. -0.006 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

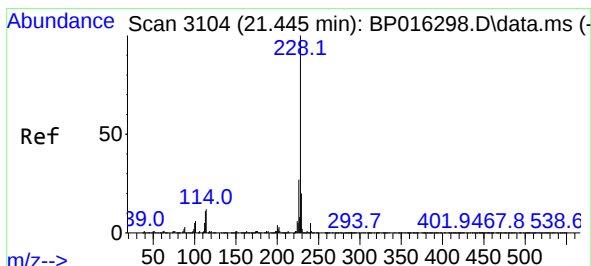
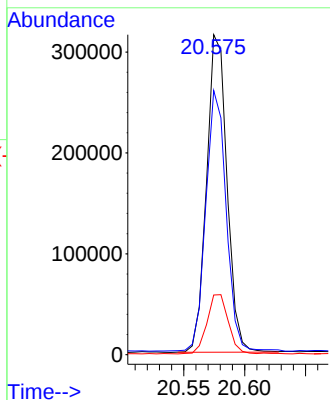
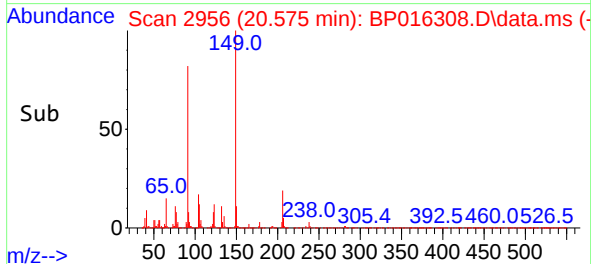
Instrument :
BNA_P
ClientSampleId :
A46L4



Tgt Ion:149 Resp: 367130
Ion Ratio Lower Upper
149 100
91 82.5 67.1 100.7
206 18.7 15.0 22.4

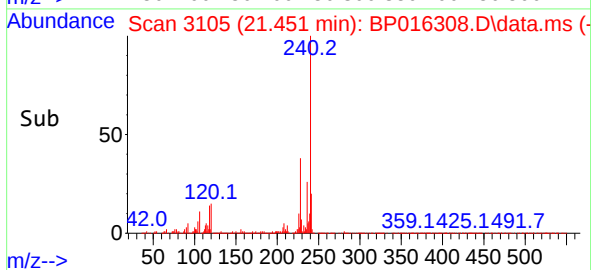
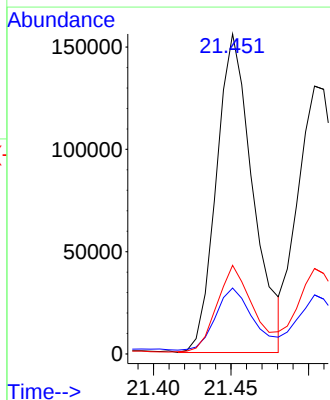
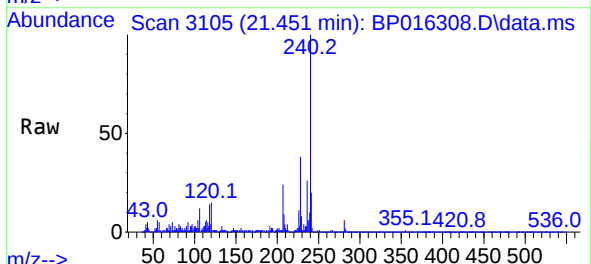
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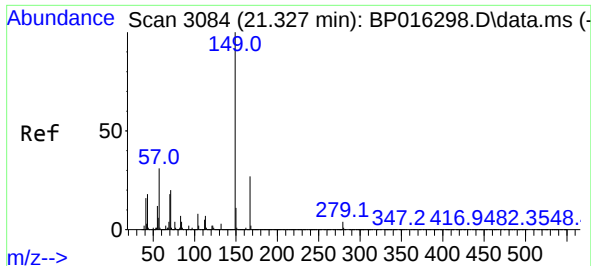
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#85
Benzo(a)anthracene
Concen: 2.600 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

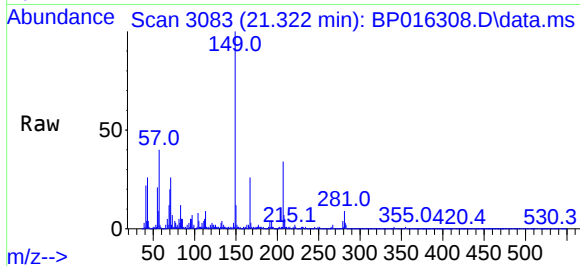
Tgt Ion:228 Resp: 255645
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 27.7 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.501 ng/ul
RT: 21.322 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

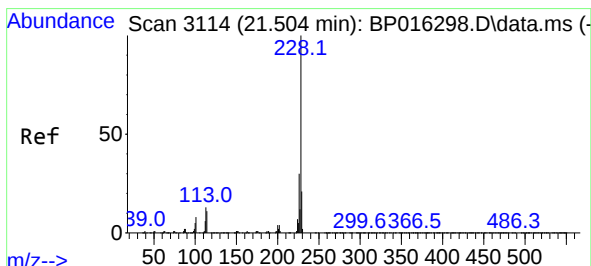
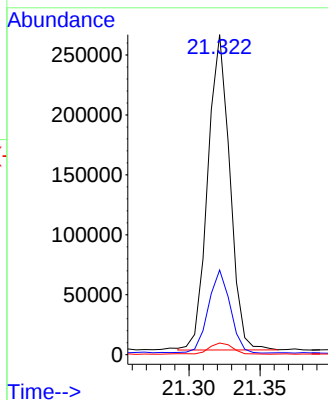
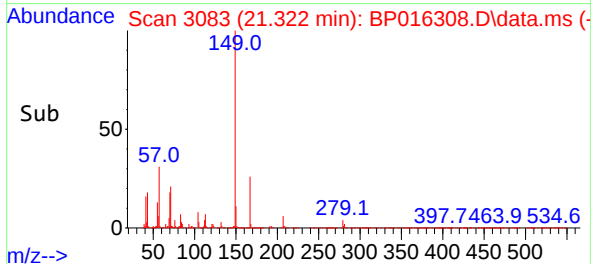
Instrument :
BNA_P
ClientSampleId :
A46L4



Tgt Ion:149 Resp: 283659
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.4
279 3.7 3.0 4.6

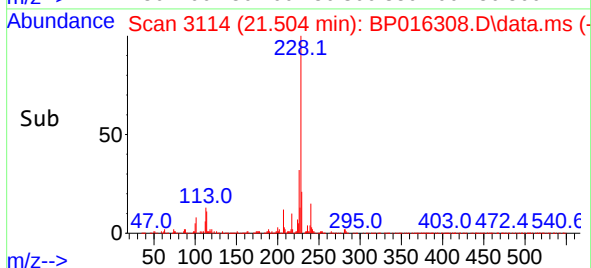
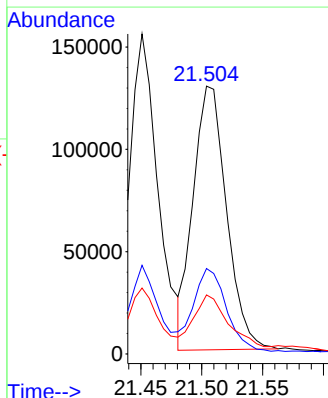
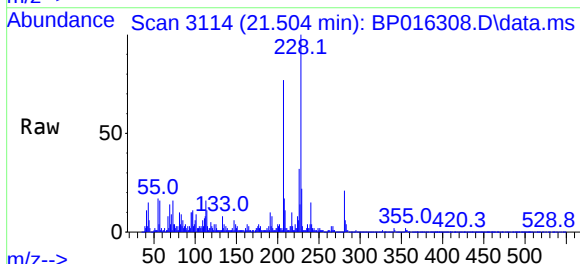
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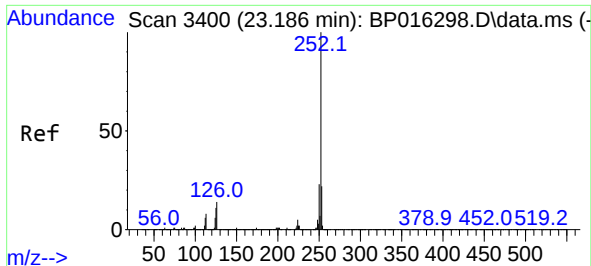
Reviewed By :Yogesh Patel 07/19/2023
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#87
Chrysene
Concen: 2.471 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

Tgt Ion:228 Resp: 246153
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 22.1 15.5 23.3





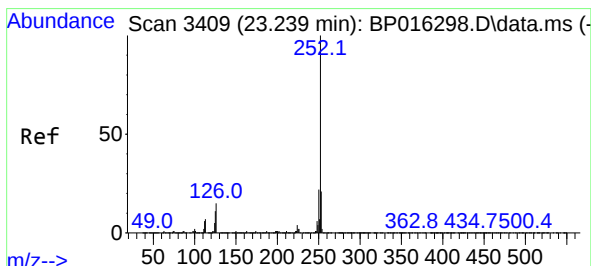
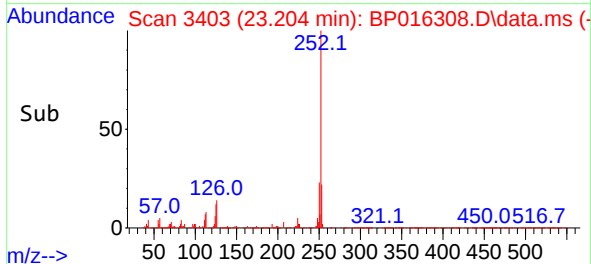
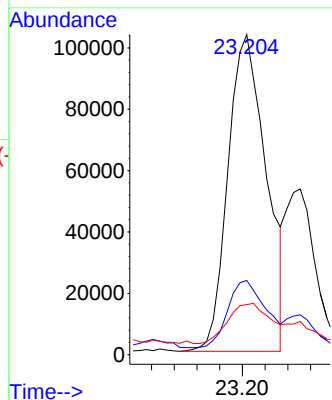
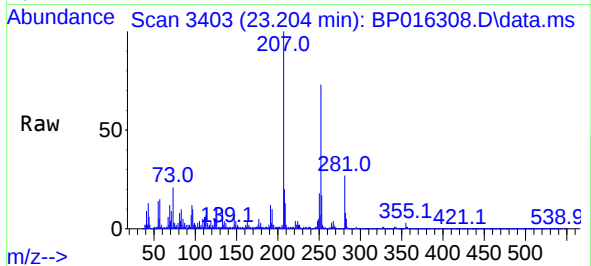
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Benzo(b)fluoranthene
Concen: 3.021 ng/ul
RT: 23.204 min Scan# 3400
Delta R.T. 0.018 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

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Tgt Ion:252 Resp: 242169
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 15.6 9.4 14.0

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#91
Benzo(k)fluoranthene
Concen: 1.177 ng/ul
RT: 23.251 min Scan# 3411
Delta R.T. 0.012 min
Lab File: BP016308.D
Acq: 18 Jul 2023 23:45

Tgt Ion:252 Resp: 95998
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 20.0 9.3 13.9

