

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016333.D
 Acq On : 19 Jul 2023 20:28
 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 23:21:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78748	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	385255	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.604	164	270249	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.369	188	666651	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	729596	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	815154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6729	3.024	ng/uL	0.00
4) Pyridine-d5	3.740	84	75410	13.587	ng/u1	0.02
7) Phenol-d5	7.163	99	154015	21.653	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.293	67	98809	20.544	ng/u1	0.02
11) 2-Chlorophenol-d4	7.493	132	117976	22.976	ng/u1	0.02
15) 4-Methylphenol-d8	8.740	113	99725m	17.404	ng/u1	0.05
21) Nitrobenzene-d5	9.175	128	57409	21.600	ng/u1	0.04
24) 2-Nitrophenol-d4	9.910	143	67536	22.295	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.516	165	125845m	23.990	ng/u1	0.09
31) 4-Chloroaniline-d4	11.081	131	36396m	4.329	ng/u1	0.14
46) Dimethylphthalate-d6	14.028	166	547965	26.581	ng/u1	0.02
49) Acenaphthylene-d8	14.304	160	550388	24.362	ng/u1	0.01
54) 4-Nitrophenol-d4	14.975	143	61147m	14.534	ng/u1	0.05
60) Fluorene-d10	15.610	176	479023	27.765	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.816	200	55128	14.325	ng/u1	0.04
73) Anthracene-d10	17.475	188	679519	23.303	ng/u1	0.00
81) Pyrene-d10	19.704	212	1074827	28.390	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	971684	24.822	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.410	178	84744	2.440	ng/u1	99
80) Fluoranthene	19.386	202	182213	4.116	ng/u1#	94
82) Pyrene	19.733	202	173348	3.667	ng/u1	99
85) Benzo(a)anthracene	21.457	228	82288m	1.732	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.322	149	81674	2.682	ng/u1#	100
87) Chrysene	21.510	228	91564	1.902	ng/u1	98
90) Benzo(b)fluoranthene	23.204	252	115523	2.481	ng/u1#	91
93) Benzo(a)pyrene	23.845	252	65110	1.412	ng/u1#	85

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

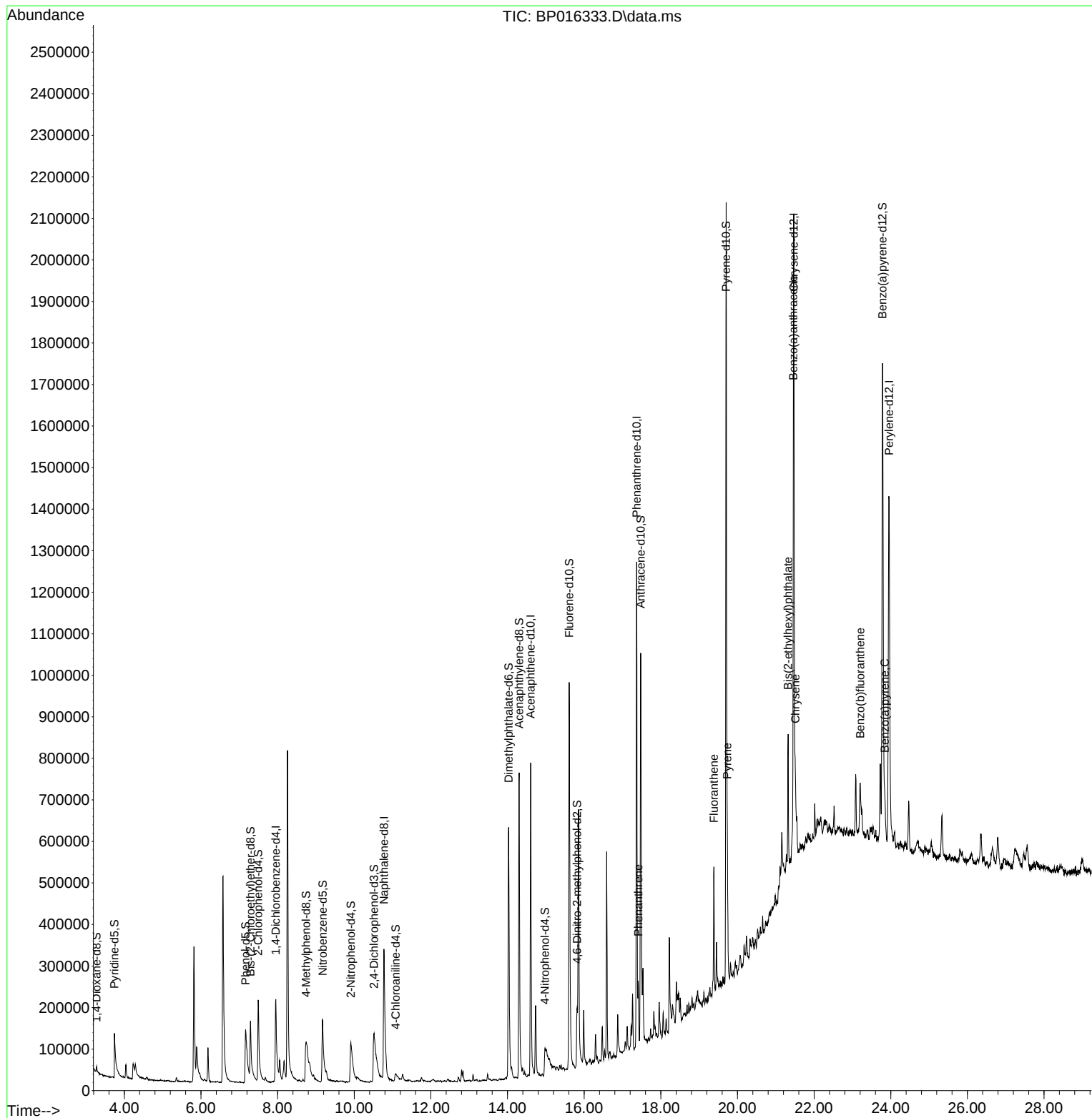
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016333.D
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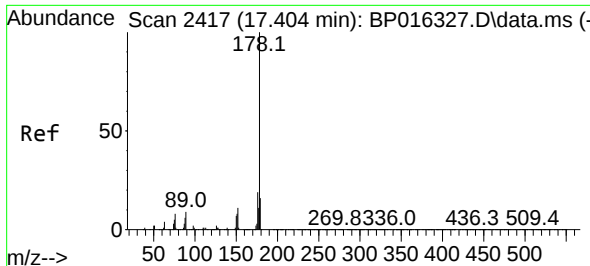
Instrument :
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Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 23:21:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
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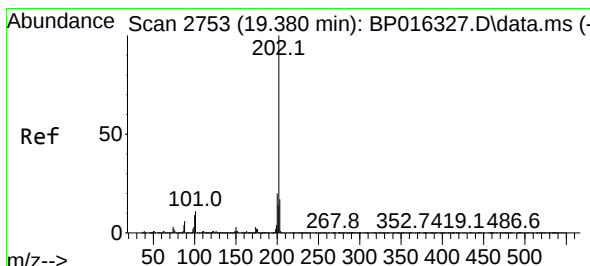
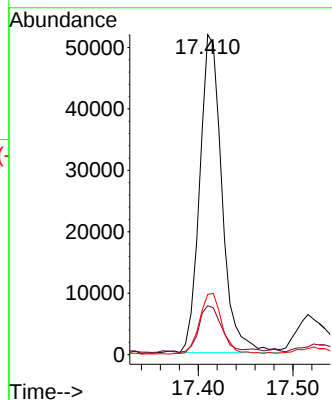
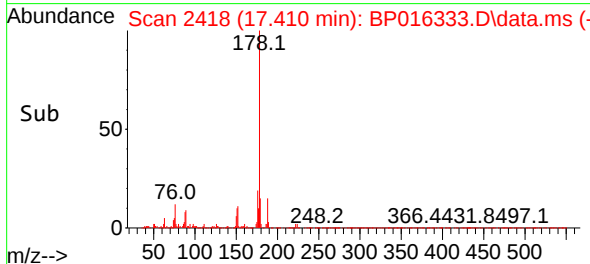
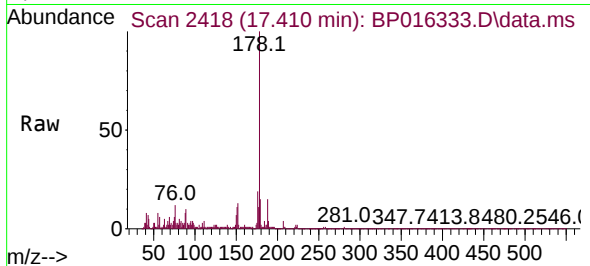
#72
Phenanthrene
Concen: 2.440 ng/ul
RT: 17.410 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

Instrument :
BNA_P
ClientSampleId :
A46R0

Tgt Ion:178 Resp: 84744
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.8 15.6 23.4

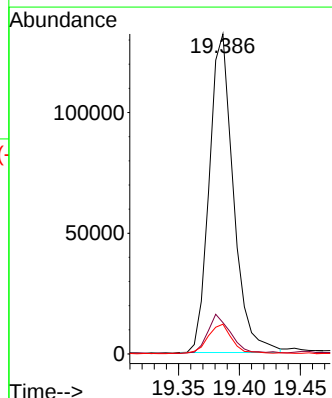
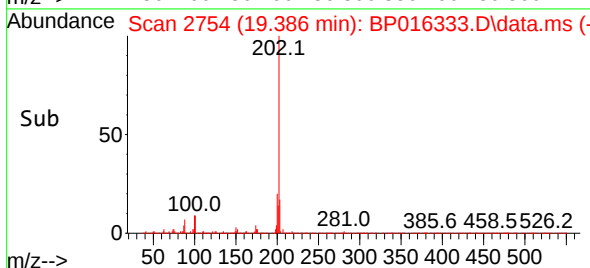
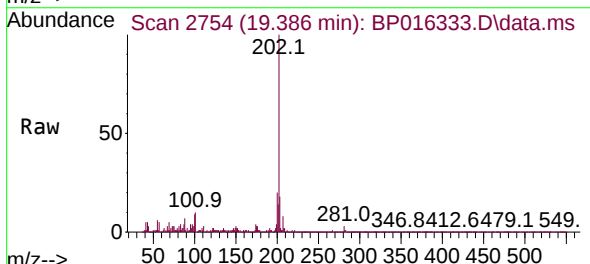
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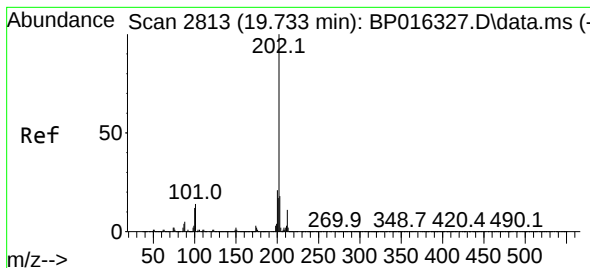
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#80
Fluoranthene
Concen: 4.116 ng/ul
RT: 19.386 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

Tgt Ion:202 Resp: 182213
Ion Ratio Lower Upper
202 100
101 9.8 10.4 15.6#
100 9.3 8.2 12.4





#82

Pyrene

Concen: 3.667 ng/ul

RT: 19.733 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

Instrument :

BNA_P

ClientSampleId :

A46R0

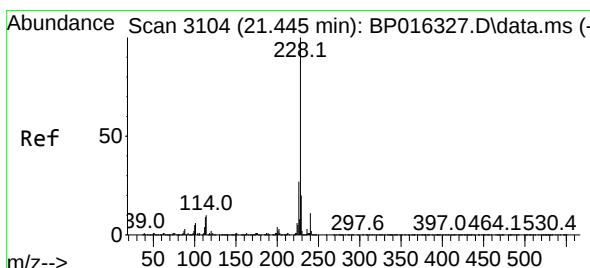
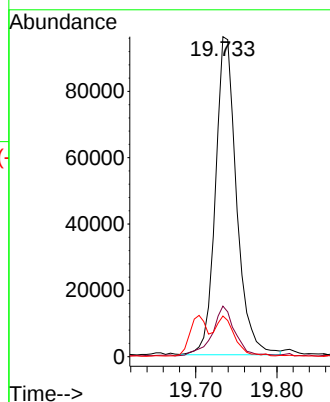
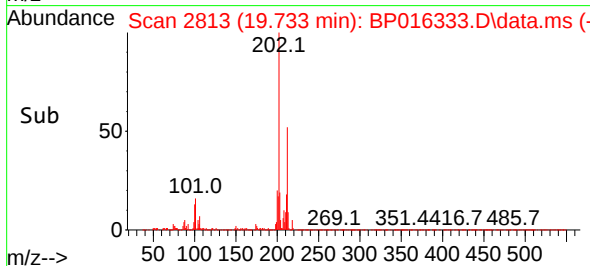
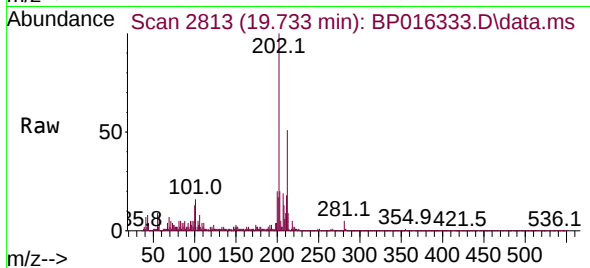
Tgt Ion:	202	Resp:	17334
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.4	18.6
100	12.7	10.5	15.7

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#85

Benzo(a)anthracene

Concen: 1.732 ng/ul m

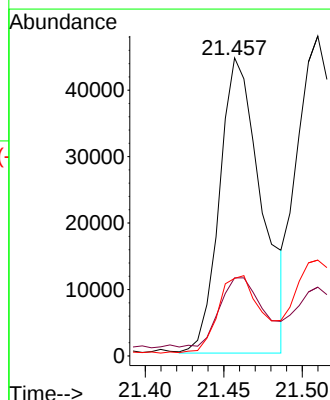
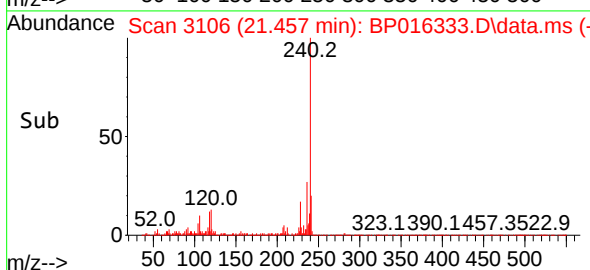
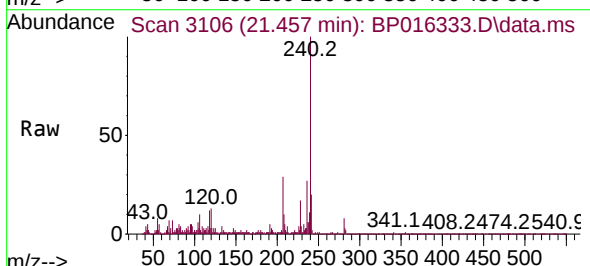
RT: 21.457 min Scan# 3106

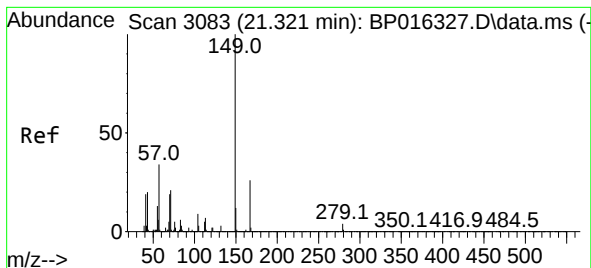
Delta R.T. 0.012 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

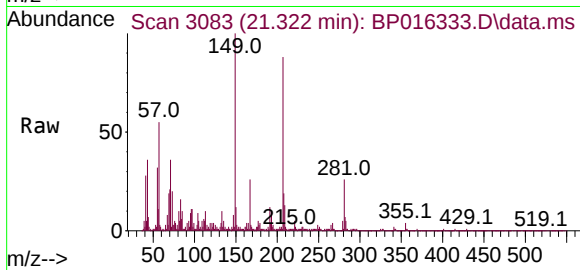
Tgt Ion:	228	Resp:	82288
Ion Ratio	Lower	Upper	
228	100		
229	26.2	15.5	23.3
226	26.0	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.682 ng/ul
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

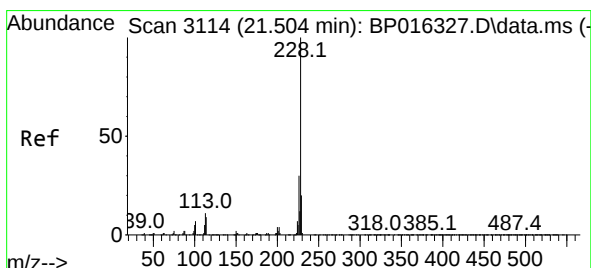
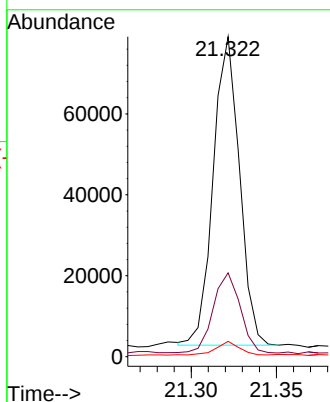
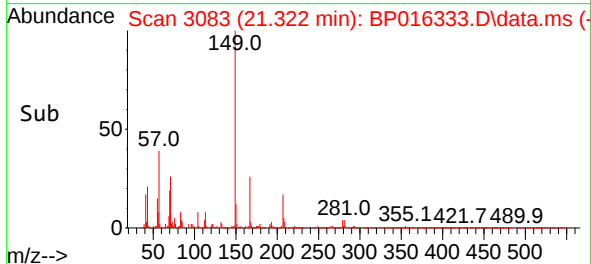
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 81674
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.8 3.0 4.6

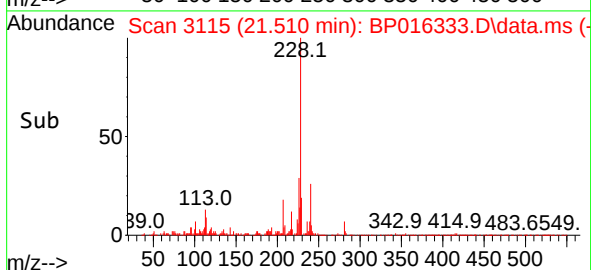
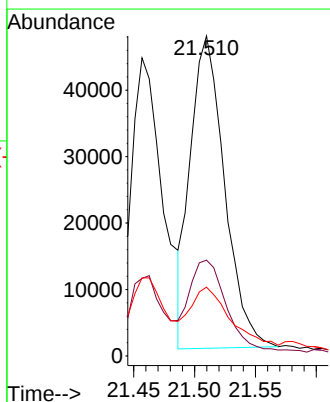
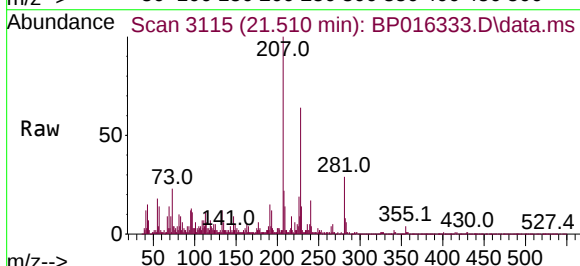
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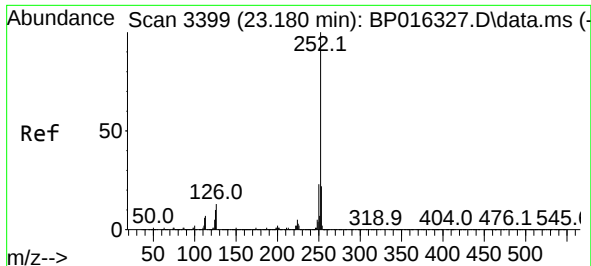
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#87
Chrysene
Concen: 1.902 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

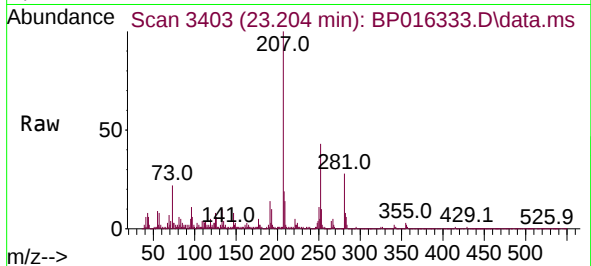
Tgt Ion:228 Resp: 91564
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.481 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.024 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

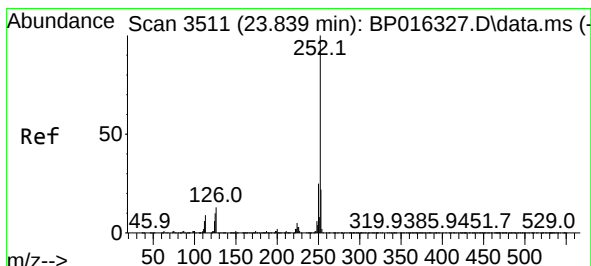
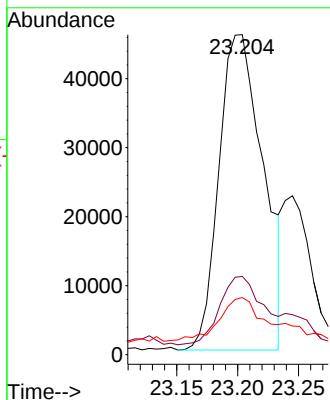
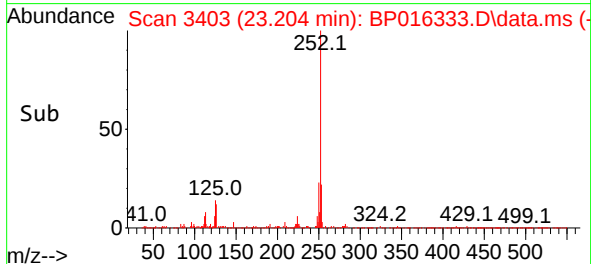
Instrument :
BNA_P
ClientSampleId :
A46R0



Tgt Ion:252 Resp: 11552
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 17.8 9.4 14.0

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#93
Benzo(a)pyrene
Concen: 1.412 ng/ul
RT: 23.845 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

Tgt Ion:252 Resp: 65110
Ion Ratio Lower Upper
252 100
253 28.3 17.2 25.8#
125 18.2 9.8 14.6#

