

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
 Acq On : 19 Jul 2023 15:55
 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X6

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 00:00:41 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	101252	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	464230	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.604	164	337520	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.369	188	804764	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	900540	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	930241	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6551	2.290	ng/uL	0.00
4) Pyridine-d5	3.705	84	30441m	4.266	ng/u1	-0.02
7) Phenol-d5	7.181	99	78338	8.566	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.293	67	85402	13.810	ng/u1	0.02
11) 2-Chlorophenol-d4	7.504	132	80348	12.170	ng/u1	0.03
15) 4-Methylphenol-d8	8.810	113	22781m	3.092	ng/u1	0.12
21) Nitrobenzene-d5	9.181	128	44046	13.753	ng/u1	0.05
24) 2-Nitrophenol-d4	9.916	143	57614m	15.784	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.546	165	65282m	10.328	ng/u1	0.12
31) 4-Chloroaniline-d4	11.116	131	10299m	1.017	ng/u1	0.18
46) Dimethylphthalate-d6	14.028	166	429829	16.695	ng/u1	0.02
49) Acenaphthylene-d8	14.304	160	372252	13.193	ng/u1	0.01
54) 4-Nitrophenol-d4	15.022	143	45239m	8.610	ng/u1	0.10
60) Fluorene-d10	15.610	176	378964	17.588	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.822	200	39857m	8.579	ng/u1	0.04
73) Anthracene-d10	17.475	188	389637	11.069	ng/u1	0.00
81) Pyrene-d10	19.710	212	289284	6.191	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	114799	2.570	ng/u1	0.01
Target Compounds					Qvalue	
8) Phenol	7.210	94	17502m	1.785	ng/u1	
16) Acetophenone	8.851	105	33285	2.740	ng/u1	97
72) Phenanthrene	17.410	178	115797	2.762	ng/u1	98
80) Fluoranthene	19.386	202	219787	4.022	ng/u1	97
82) Pyrene	19.745	202	63865	1.095	ng/u1	96
85) Benzo(a)anthracene	21.451	228	110716	1.888	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.321	149	294426	7.833	ng/u1	99
87) Chrysene	21.504	228	106972	1.801	ng/u1#	91
90) Benzo(b)fluoranthene	23.204	252	124748	2.348	ng/u1	98

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

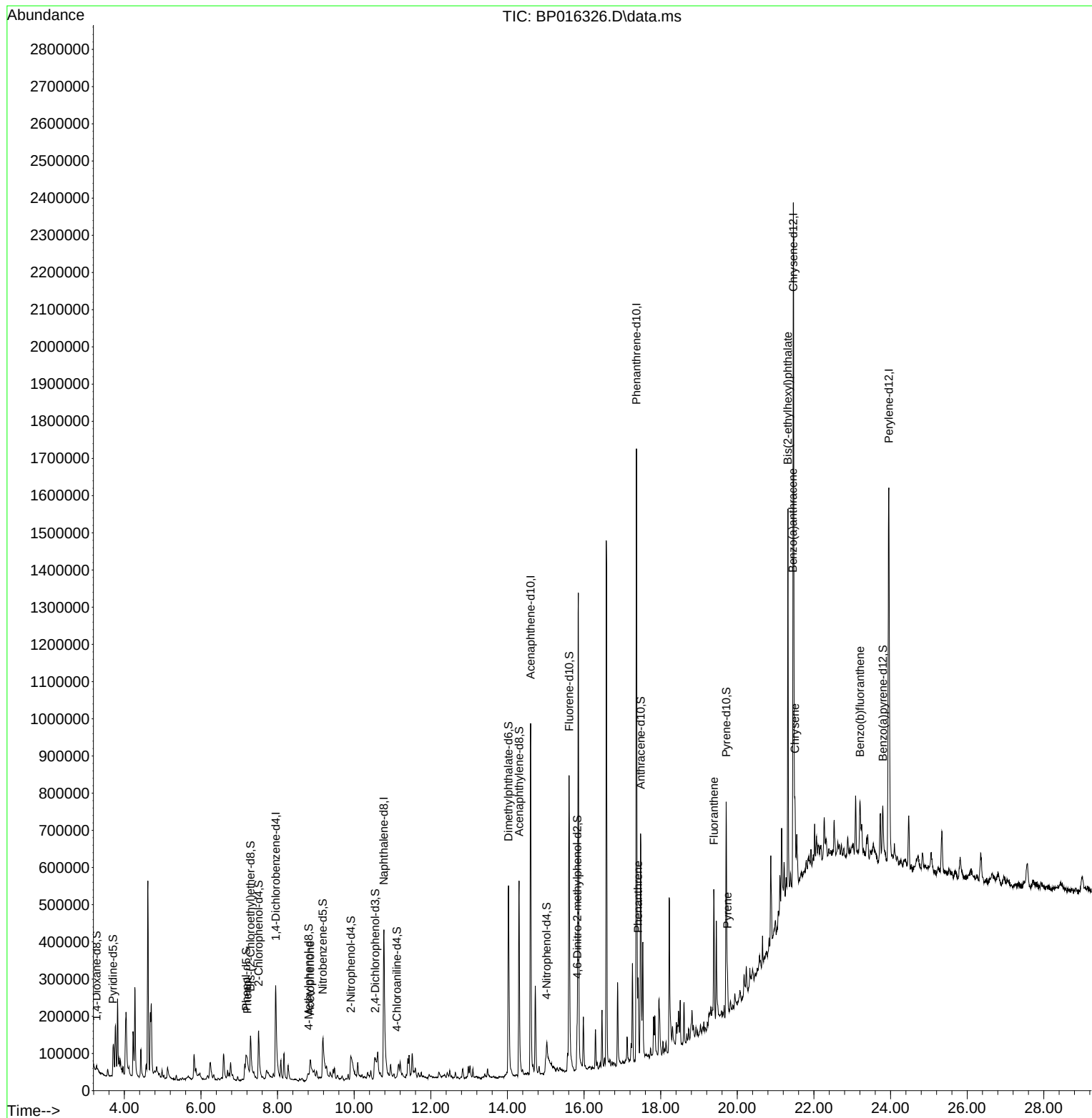
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
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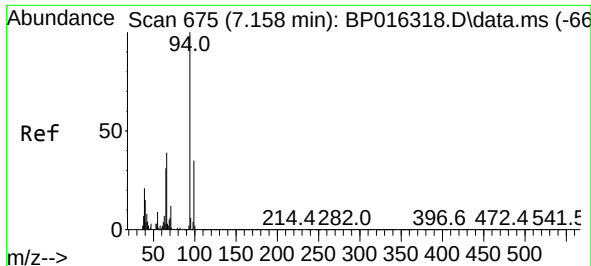
Instrument :
BNA_P
ClientSampleId :
A46X6

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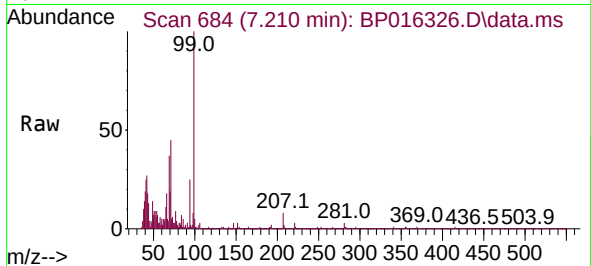
Quant Time: Jul 20 00:00:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.785 ng/ul m
RT: 7.210 min Scan# 61
Delta R.T. 0.053 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

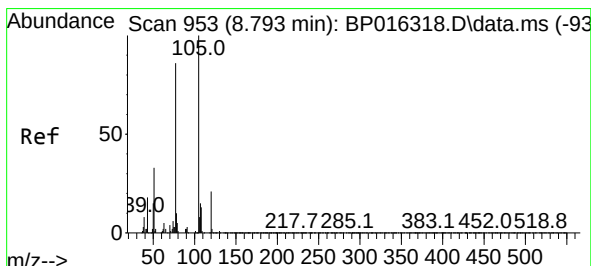
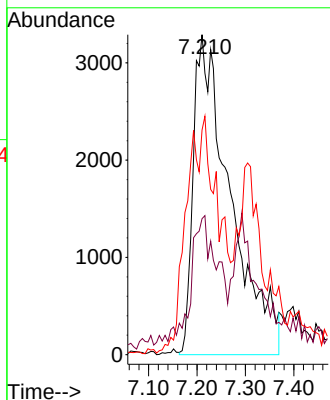
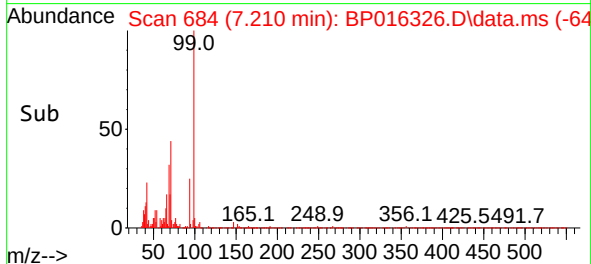
Instrument :
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ClientSampleId :
A46X6



Tgt Ion: 94 Resp: 1750
Ion Ratio Lower Upper
94 100
65 42.5 25.5 38.3
66 70.2 32.7 49.1

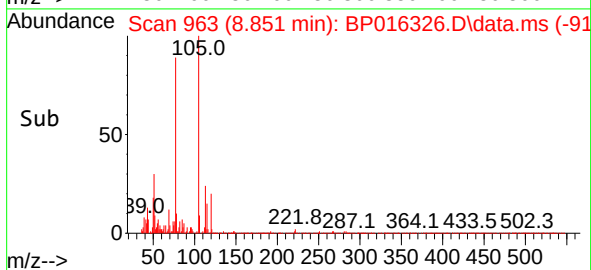
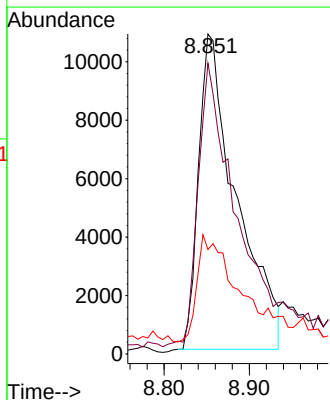
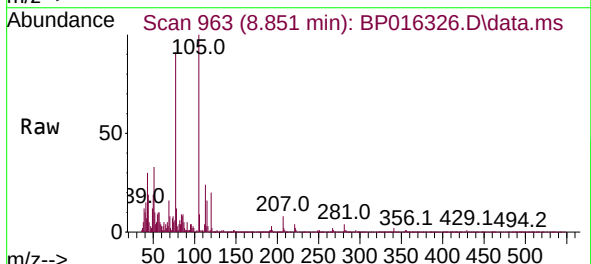
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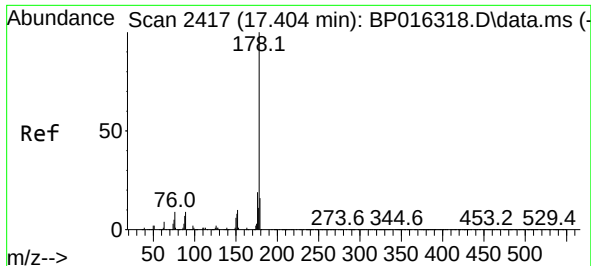
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#16
Acetophenone
Concen: 2.740 ng/ul
RT: 8.851 min Scan# 963
Delta R.T. 0.059 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

Tgt Ion:105 Resp: 33285
Ion Ratio Lower Upper
105 100
77 90.9 70.2 105.2
51 32.6 26.3 39.5





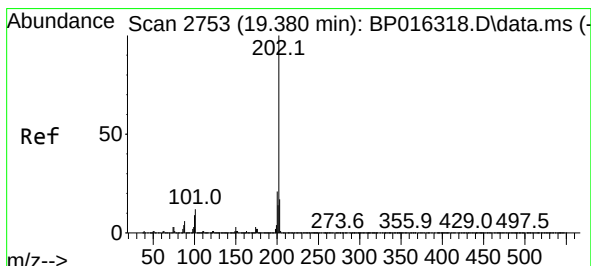
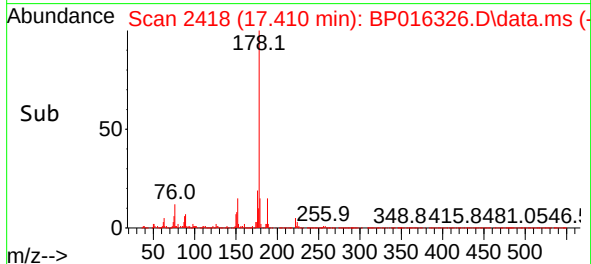
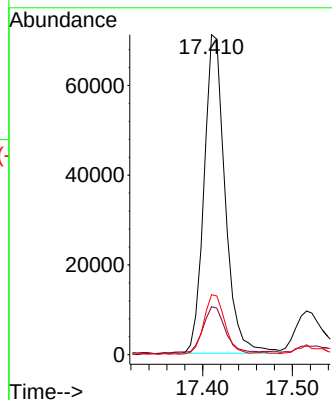
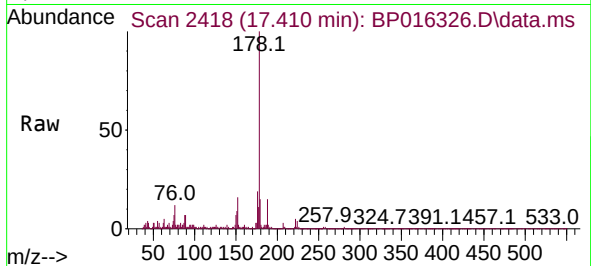
#72
Phenanthrene
Concen: 2.762 ng/ul
RT: 17.410 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

Instrument :
BNA_P
ClientSampleId :
A46X6

Tgt Ion:178 Resp: 11579
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 18.7 15.6 23.4

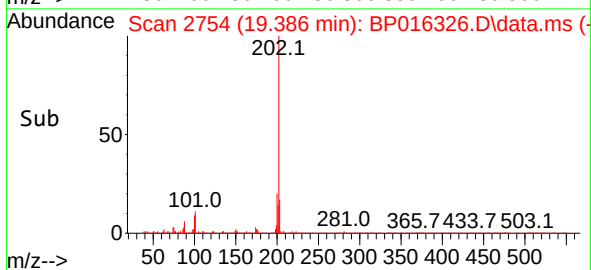
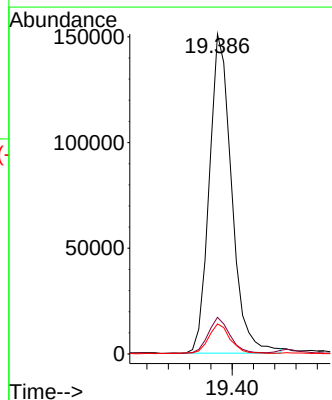
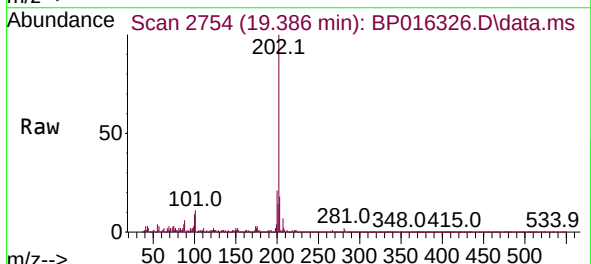
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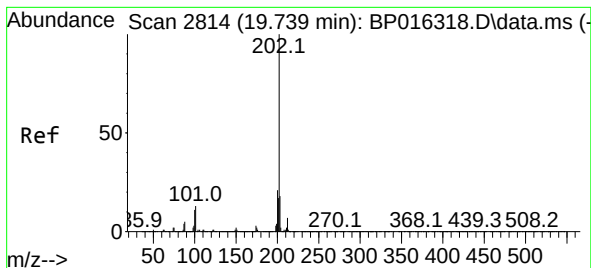
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#80
Fluoranthene
Concen: 4.022 ng/ul
RT: 19.386 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

Tgt Ion:202 Resp: 219787
Ion Ratio Lower Upper
202 100
101 11.4 10.4 15.6
100 9.4 8.2 12.4





#82

Pyrene

Concen: 1.095 ng/ul

RT: 19.745 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016326.D

Acq: 19 Jul 2023 15:55

Instrument :

BNA_P

ClientSampleId :

A46X6

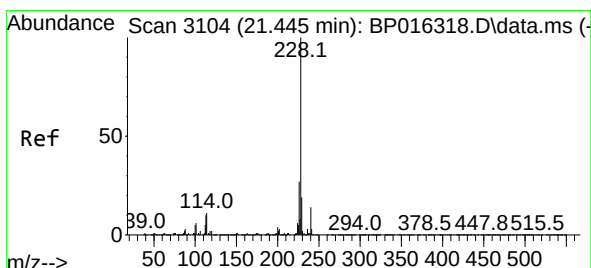
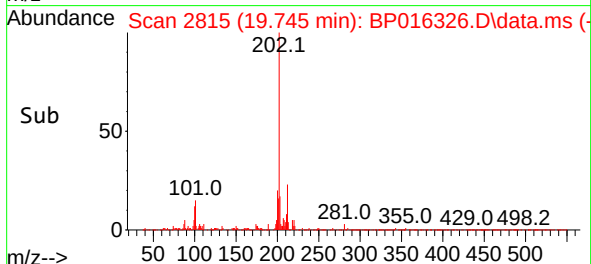
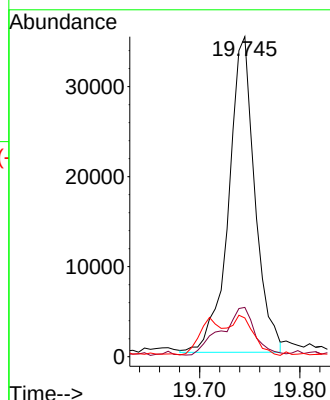
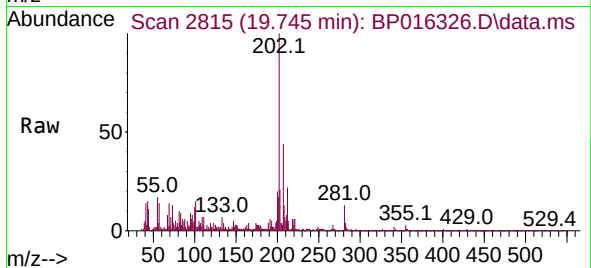
Tgt Ion:	202	Resp:	6386
Ion Ratio	Lower	Upper	
202	100		
101	17.7	12.4	18.6
100	12.1	10.5	15.7

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.888 ng/ul

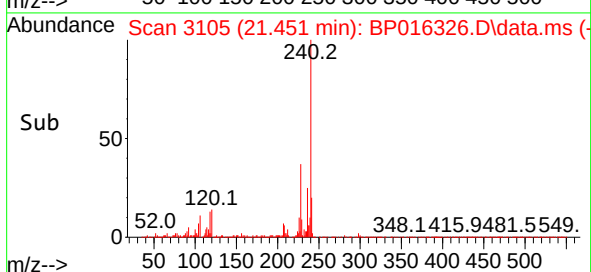
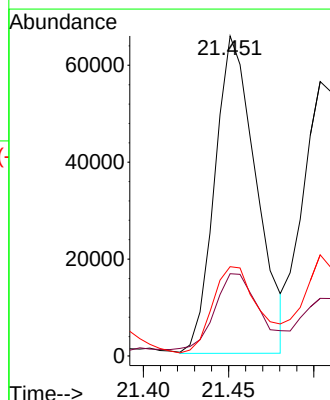
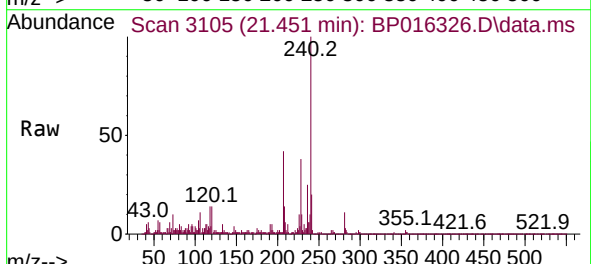
RT: 21.451 min Scan# 3105

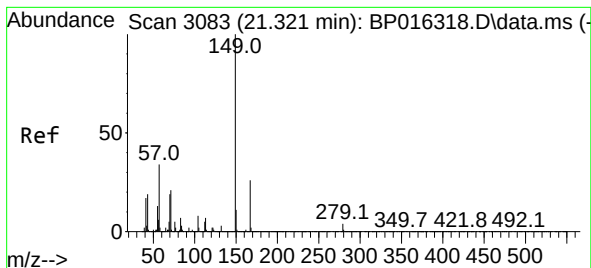
Delta R.T. 0.006 min

Lab File: BP016326.D

Acq: 19 Jul 2023 15:55

Tgt Ion:	228	Resp:	110716
Ion Ratio	Lower	Upper	
228	100		
229	25.7	15.5	23.3#
226	27.9	21.5	32.3





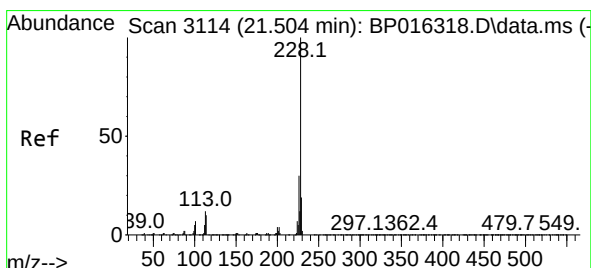
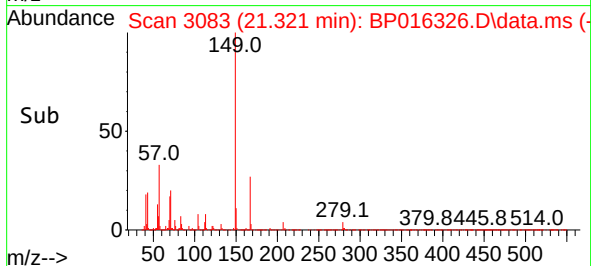
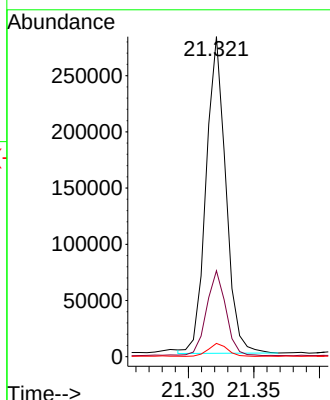
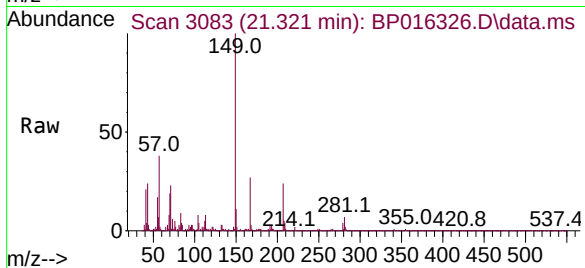
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.833 ng/ul
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 294420
Ion Ratio Lower Upper
149 100
167 26.9 21.0 31.4
279 4.1 3.0 4.6

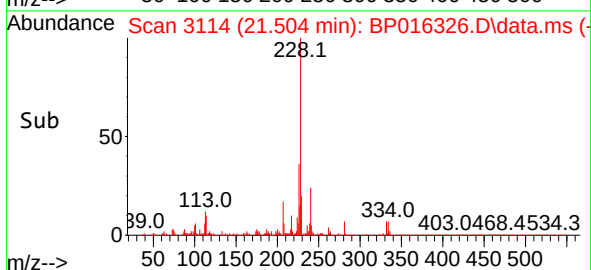
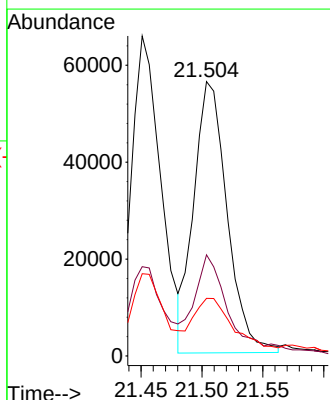
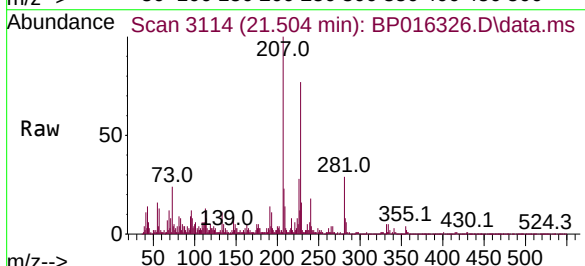
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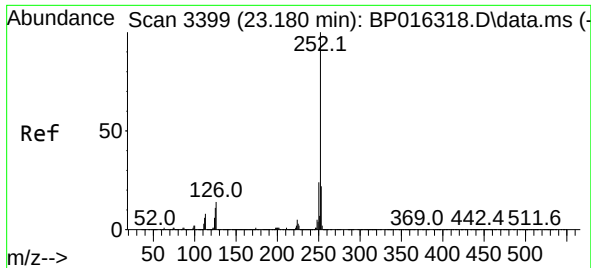
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#87
Chrysene
Concen: 1.801 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016326.D
Acq: 19 Jul 2023 15:55

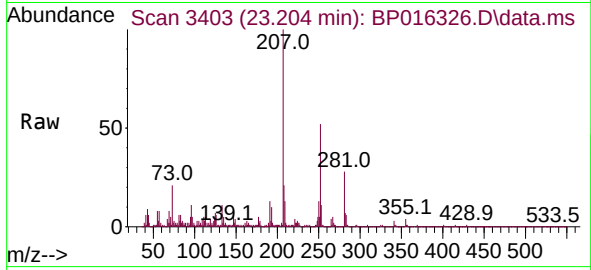
Tgt Ion:228 Resp: 106972
Ion Ratio Lower Upper
228 100
226 36.9 24.0 36.0#
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.348 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.023 min
Lab File: BP016326.D
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Instrument :
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Tgt Ion:252 Resp: 124748
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 14.0 9.4 14.0

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