

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016325.D
 Acq On : 19 Jul 2023 15:21
 Operator : MA/JU
 Sample : 03501-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X5

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:52:42 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	7.957	152	86312	20.000	ng/u1	0.01
20) Naphthalene-d8	10.775	136	423450	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.604	164	301827	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.369	188	726594	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	814652	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	866809	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	5525	2.265	ng/uL	0.00
4) Pyridine-d5	3.711	84	28589m	4.700	ng/u1	-0.01
7) Phenol-d5	7.181	99	71395	9.158	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.299	67	66185	12.555	ng/u1	0.02
11) 2-Chlorophenol-d4	7.505	132	71707	12.741	ng/u1	0.03
15) 4-Methylphenol-d8	8.816	113	22848m	3.638	ng/u1	0.13
21) Nitrobenzene-d5	9.199	128	35522m	12.159	ng/u1	0.06
24) 2-Nitrophenol-d4	9.922	143	43350m	13.020	ng/u1	0.06
28) 2,4-Dichlorophenol-d3	10.551	165	65313m	11.328	ng/u1	0.13
31) 4-Chloroaniline-d4	11.110	131	8109m	0.877	ng/u1	0.17
46) Dimethylphthalate-d6	14.028	166	326944	14.200	ng/u1	0.02
49) Acenaphthylene-d8	14.304	160	309481	12.265	ng/u1	0.01
54) 4-Nitrophenol-d4	15.034	143	33625m	7.156	ng/u1	0.11
60) Fluorene-d10	15.610	176	290554	15.079	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.833	200	29626m	7.063	ng/u1	0.05
73) Anthracene-d10	17.480	188	318885	10.033	ng/u1	0.01
81) Pyrene-d10	19.710	212	295840	6.998	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	137129	3.294	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.857	105	41280	3.986	ng/u1	97
72) Phenanthrene	17.416	178	103464	2.733	ng/u1	99
80) Fluoranthene	19.392	202	188917	3.822	ng/u1#	95
82) Pyrene	19.745	202	75850	1.437	ng/u1	97
85) Benzo(a)anthracene	21.457	228	93728	1.767	ng/u1#	92
86) Bis(2-ethylhexyl)phtha...	21.321	149	320917	9.438	ng/u1	99
87) Chrysene	21.510	228	93436	1.739	ng/u1	92
90) Benzo(b)fluoranthene	23.210	252	99511	2.010	ng/u1#	93

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

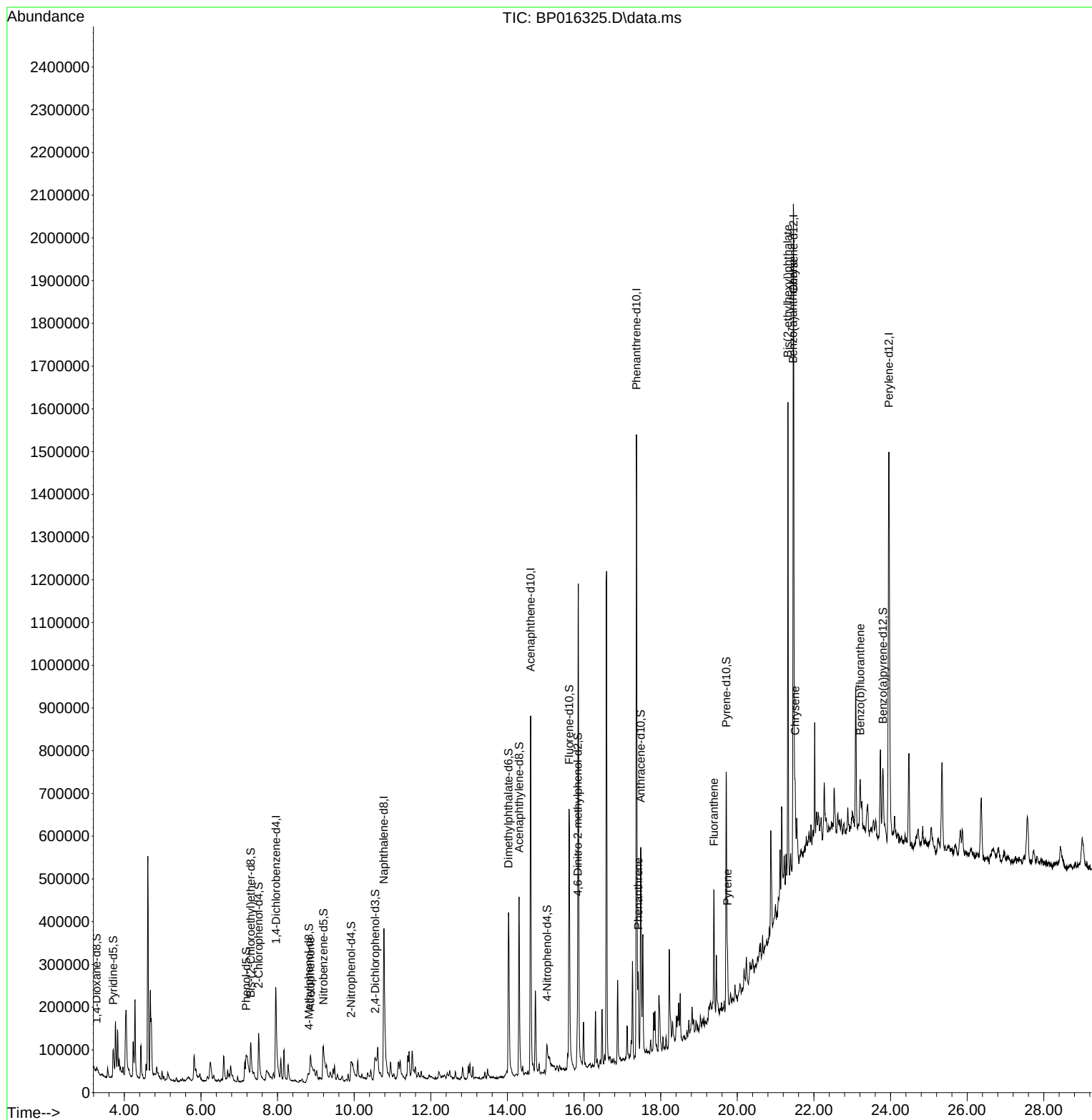
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016325.D
Acq On : 19 Jul 2023 15:21
Operator : MA/JU
Sample : 03501-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

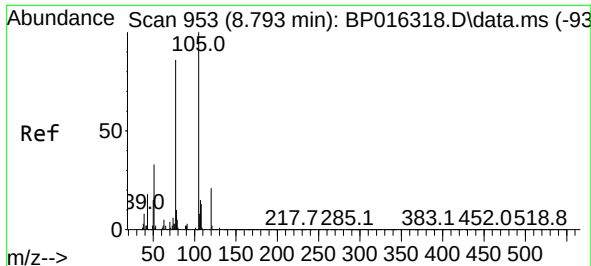
Instrument :
BNA_P
ClientSampleId :
A46X5

Manual Integrations
APPROVED

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

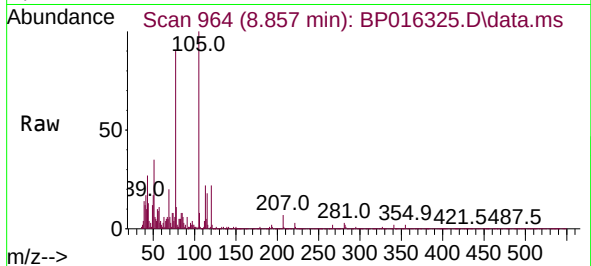
Quant Time: Jul 19 23:52:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.986 ng/ul
RT: 8.857 min Scan# 91
Delta R.T. 0.065 min
Lab File: BP016325.D
Acq: 19 Jul 2023 15:21

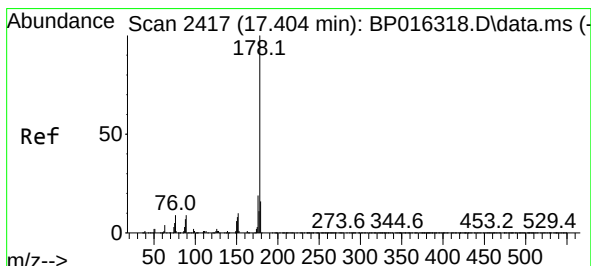
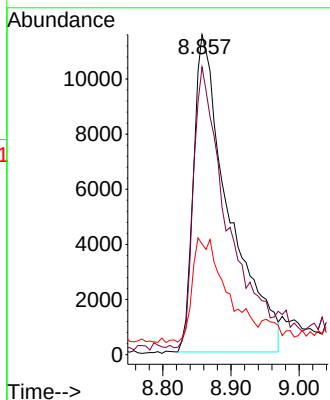
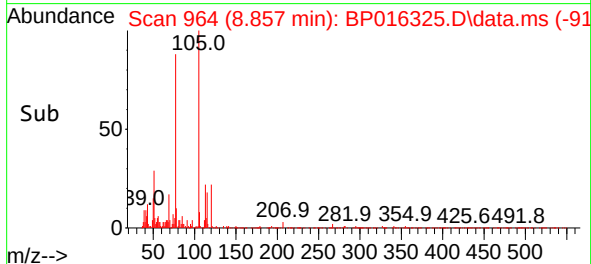
Instrument :
BNA_P
ClientSampleId :
A46X5



Tgt Ion:105 Resp: 41280
Ion Ratio Lower Upper
105 100
77 89.9 70.2 105.2
51 34.6 26.3 39.5

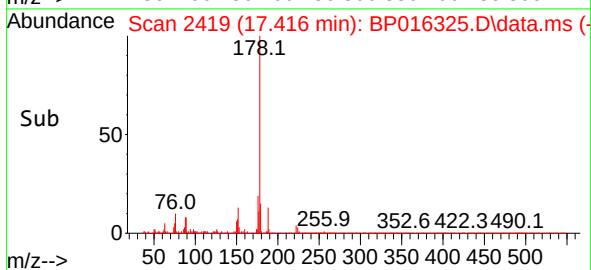
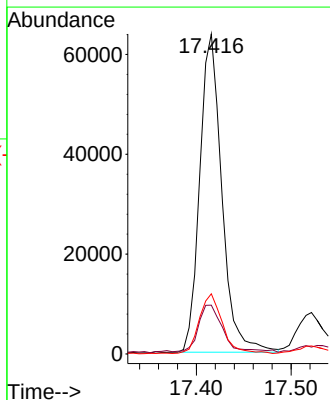
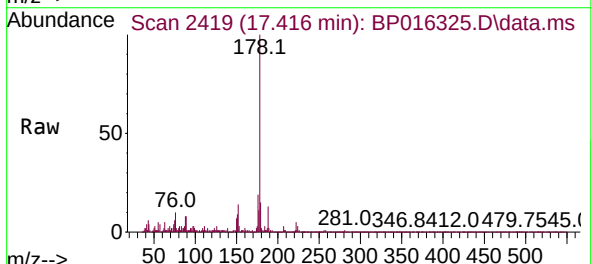
Manual Integrations
APPROVED

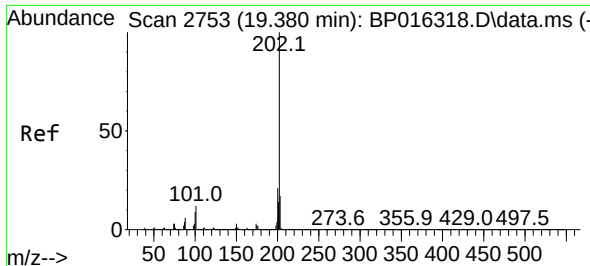
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#72
Phenanthrene
Concen: 2.733 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP016325.D
Acq: 19 Jul 2023 15:21

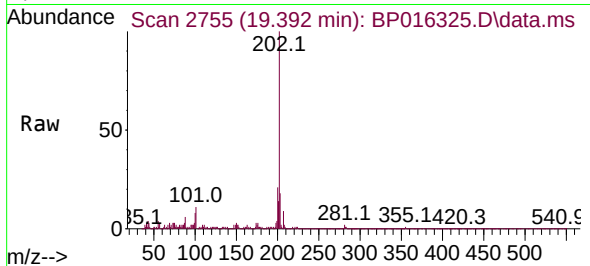
Tgt Ion:178 Resp: 103464
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.8 15.6 23.4





#80
Fluoranthene
Concen: 3.822 ng/ul
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP016325.D
Acq: 19 Jul 2023 15:21

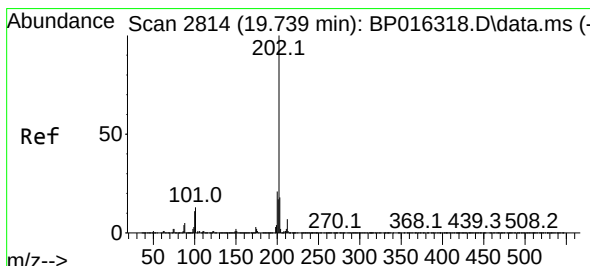
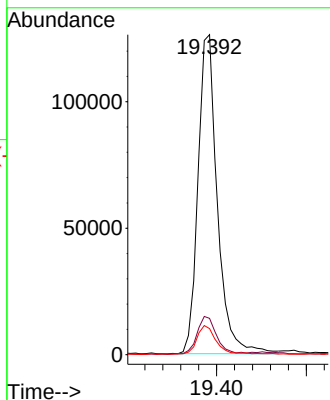
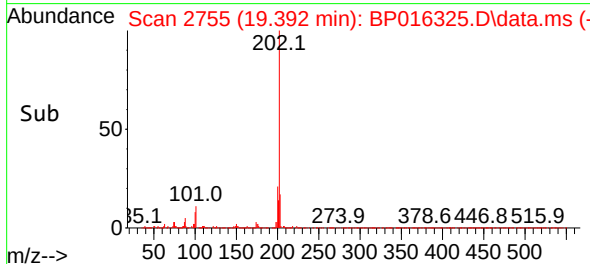
Instrument :
BNA_P
ClientSampleId :
A46X5



Tgt Ion:202 Resp: 18891
Ion Ratio Lower Upper
202 100
101 11.3 10.4 15.6
100 8.1 8.2 12.4

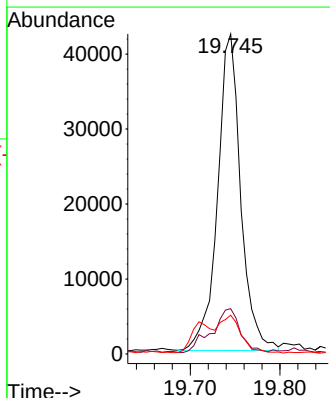
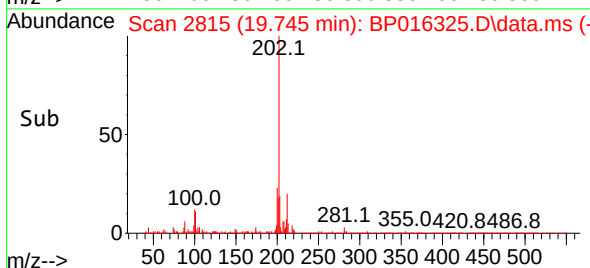
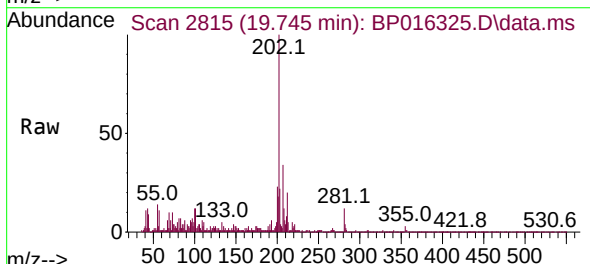
Manual Integrations
APPROVED

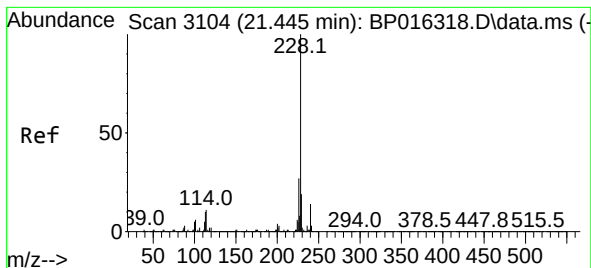
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#82
Pyrene
Concen: 1.437 ng/ul
RT: 19.745 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BP016325.D
Acq: 19 Jul 2023 15:21

Tgt Ion:202 Resp: 75850
Ion Ratio Lower Upper
202 100
101 14.1 12.4 18.6
100 12.1 10.5 15.7





#85

Benzo(a)anthracene

Concen: 1.767 ng/ul

RT: 21.457 min Scan# 3104

Delta R.T. 0.012 min

Lab File: BP016325.D

Acq: 19 Jul 2023 15:21

Instrument :

BNA_P

ClientSampleId :

A46X5

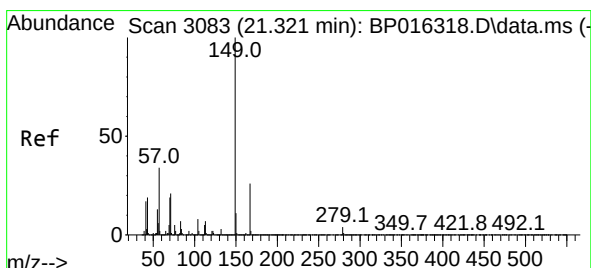
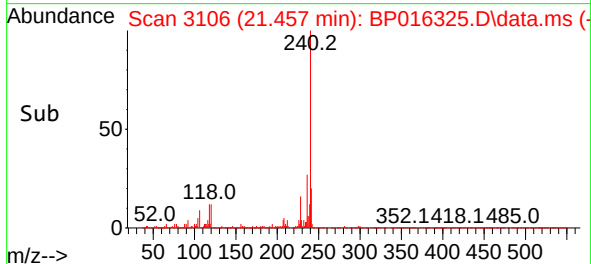
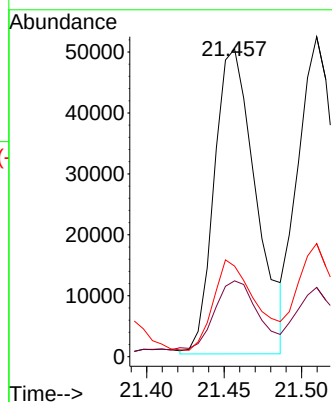
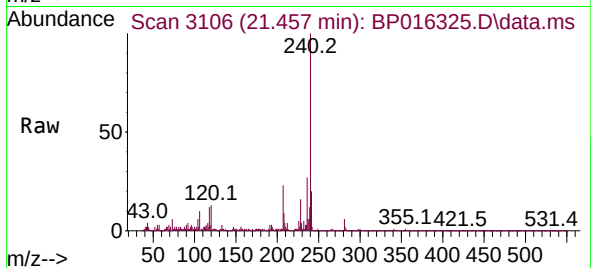
Tgt Ion:228 Resp: 93728
 Ion Ratio Lower Upper
 228 100
 229 24.6 15.5 23.3
 226 29.5 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 9.438 ng/ul

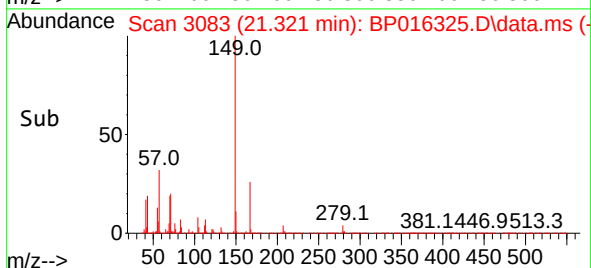
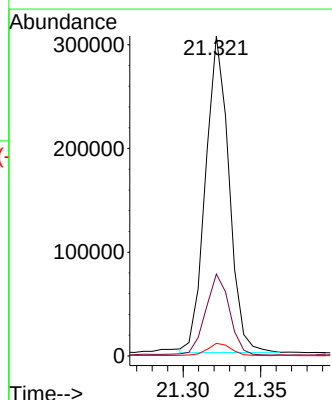
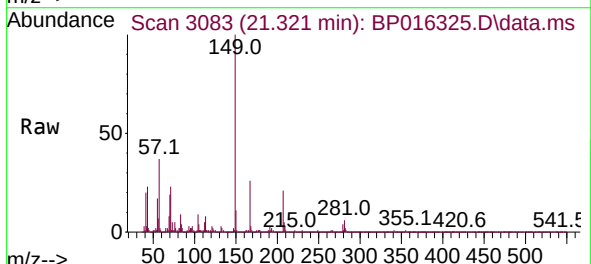
RT: 21.321 min Scan# 3083

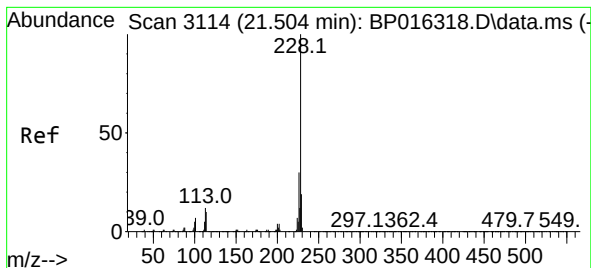
Delta R.T. -0.000 min

Lab File: BP016325.D

Acq: 19 Jul 2023 15:21

Tgt Ion:149 Resp: 320917
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 4.0 3.0 4.6





#87

Chrysene

Concen: 1.739 ng/ul

RT: 21.510 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP016325.D

Acq: 19 Jul 2023 15:21

Instrument :

BNA_P

ClientSampleId :

A46X5

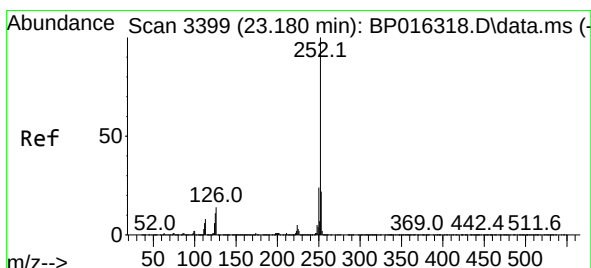
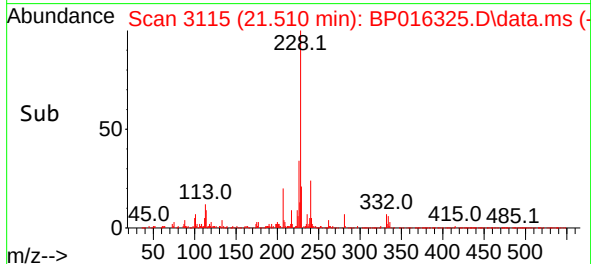
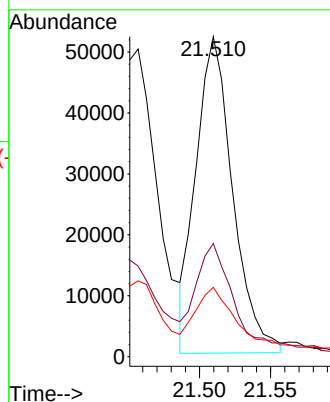
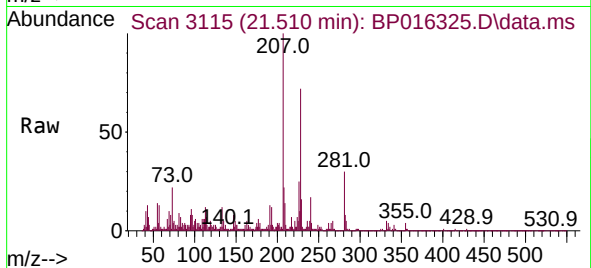
Tgt Ion:228	Resp:	93430
Ion Ratio	Lower	Upper
228	100	
226	35.4	24.0 36.0
229	21.7	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#90

Benzo(b)fluoranthene

Concen: 2.010 ng/ul

RT: 23.210 min Scan# 3404

Delta R.T. 0.029 min

Lab File: BP016325.D

Acq: 19 Jul 2023 15:21

Tgt Ion:252	Resp:	99511
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.3 25.9
125	15.6	9.4 14.0

