

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011507.D
 Acq On : 19 Aug 2022 14:53
 Operator : CG/JU
 Sample : N4210-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGC49

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/22/2022

Quant Time: Aug 20 04:36:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	107998	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	450300	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	279348	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	573031	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	560016	20.000	ng/u1	0.00
88) Perylene-d12	23.433	264	601821	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	12410	3.566	ng/uL	0.00
4) Pyridine-d5	3.487	84	97235	10.913	ng/u1	0.00
7) Phenol-d5	6.746	99	207617	20.920	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	131407	20.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	169464	23.216	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	152988	19.259	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	79449	24.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	82692	25.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	138473	22.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	169155	16.685	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	476179	24.101	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	534961	24.361	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	67358	17.695	ng/u1	0.00
60) Fluorene-d10	15.234	176	402705	24.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	46283	14.947	ng/u1	0.00
73) Anthracene-d10	17.104	188	628260	24.755	ng/u1	0.00
81) Pyrene-d10	19.369	212	756395	26.696	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.280	264	780384	26.657	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.045	178	83504	2.692	ng/u1	98
80) Fluoranthene	19.039	202	237994	6.830	ng/u1	96
82) Pyrene	19.398	202	206485	5.640	ng/u1	97
85) Benzo(a)anthracene	21.122	228	108650	3.184	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.063	149	410862	16.905	ng/u1#	99
87) Chrysene	21.169	228	121379	3.621	ng/u1	98
90) Benzo(b)fluoranthene	22.733	252	190511	5.089	ng/u1#	95
91) Benzo(k)fluoranthene	22.774	252	66882m	1.872	ng/u1	
93) Benzo(a)pyrene	23.327	252	112638	3.082	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	25.786	276	101514	2.490	ng/u1	95
96) Benzo(g,h,i)perylene	26.521	276	94809	2.734	ng/u1	99

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

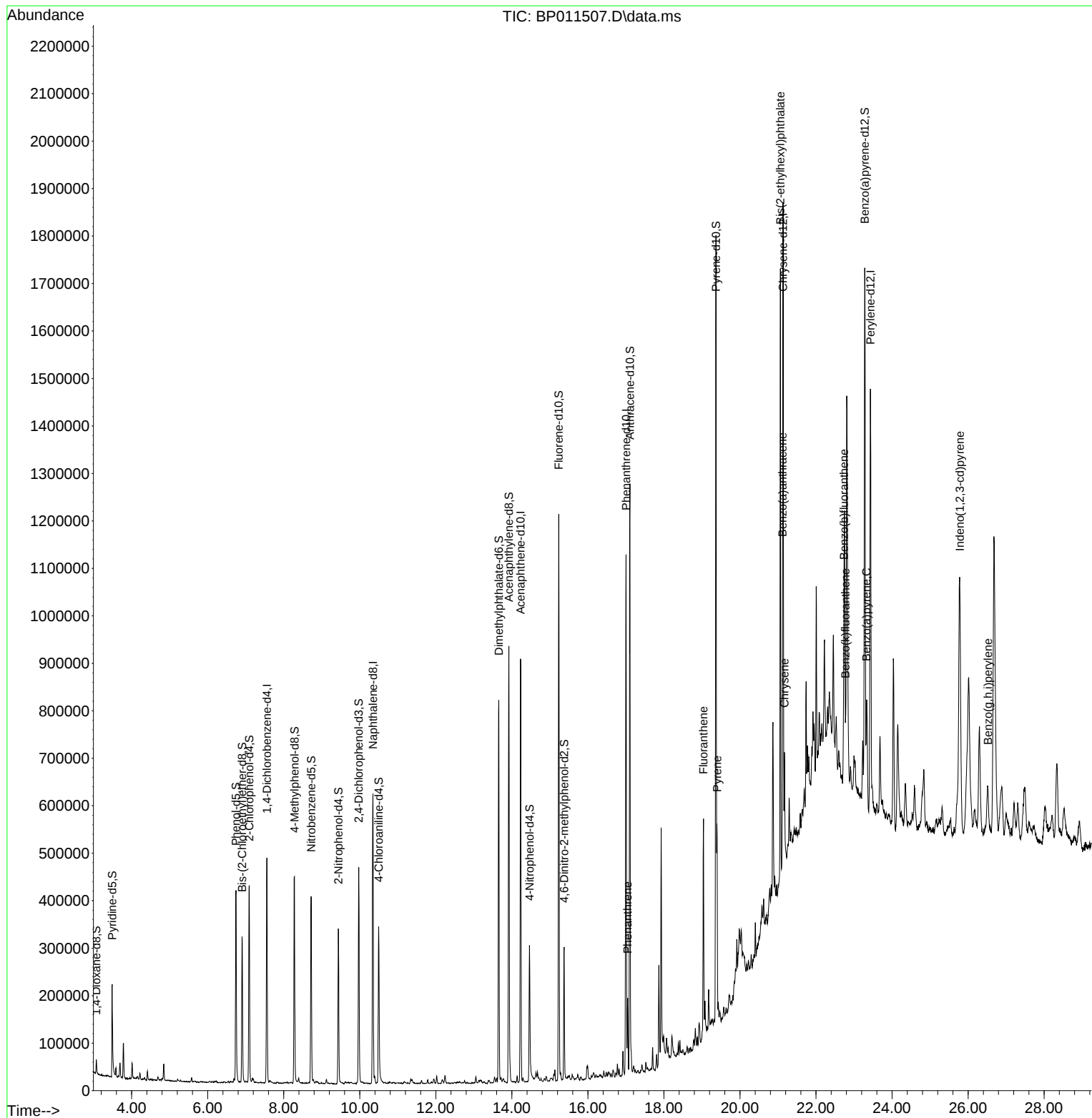
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
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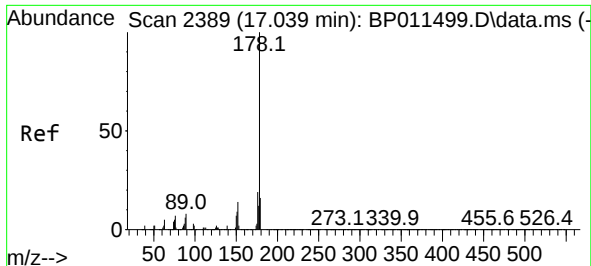
Instrument :
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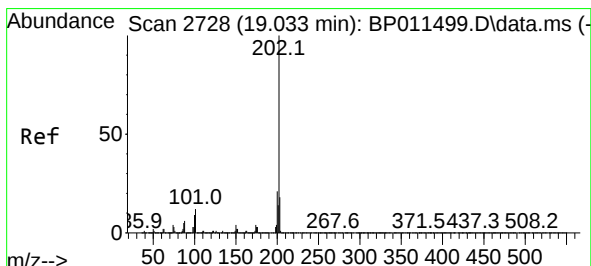
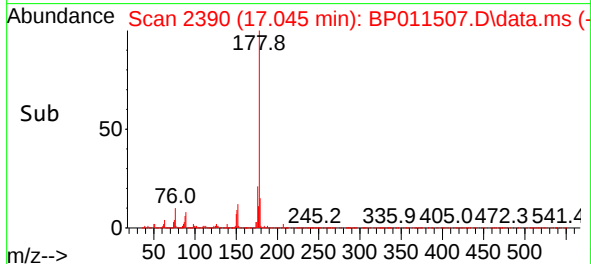
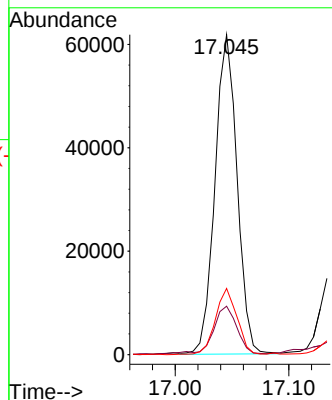
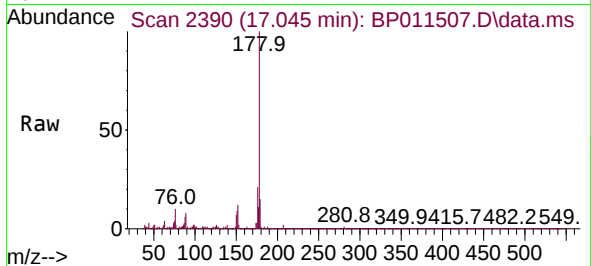
#72
Phenanthrene
Concen: 2.692 ng/ul
RT: 17.045 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53

Instrument :
BNA_P
ClientSampleId :
BGC49

Tgt Ion:178 Resp: 83504
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 20.7 15.8 23.8

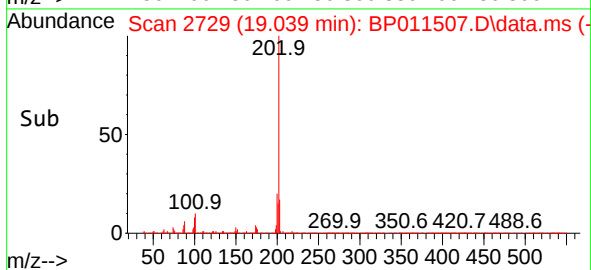
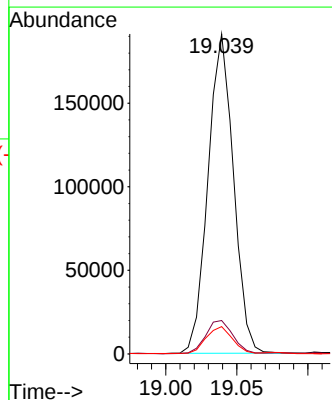
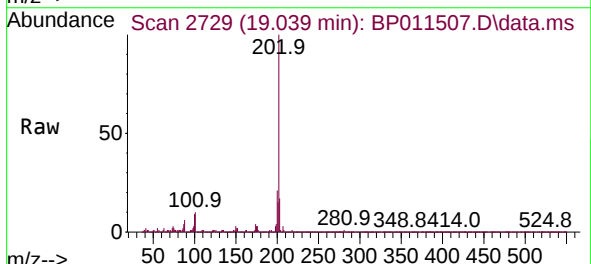
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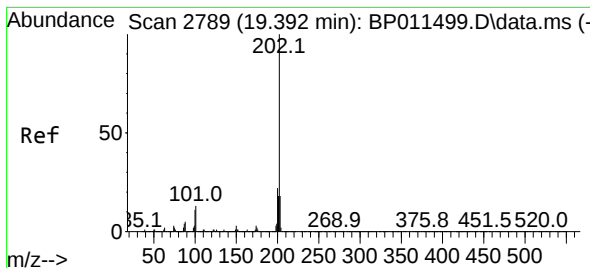
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#80
Fluoranthene
Concen: 6.830 ng/ul
RT: 19.039 min Scan# 2729
Delta R.T. -0.000 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53

Tgt Ion:202 Resp: 237994
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.6 7.9 11.9





#82

Pyrene

Concen: 5.640 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011507.D

Acq: 19 Aug 2022 14:53

Instrument :

BNA_P

ClientSampleId :

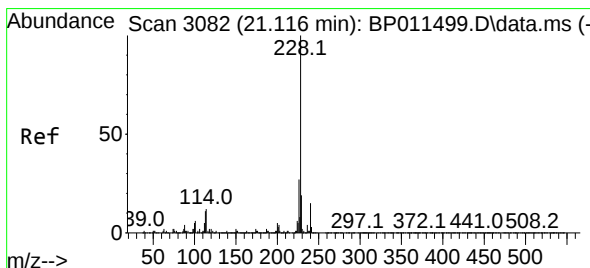
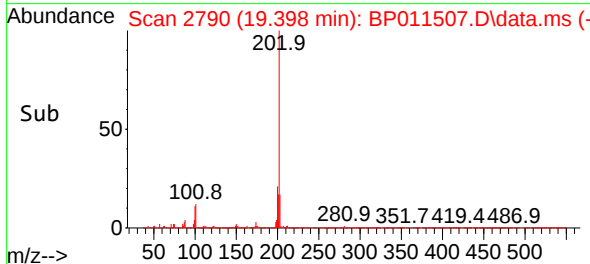
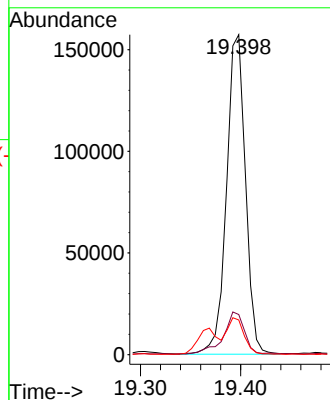
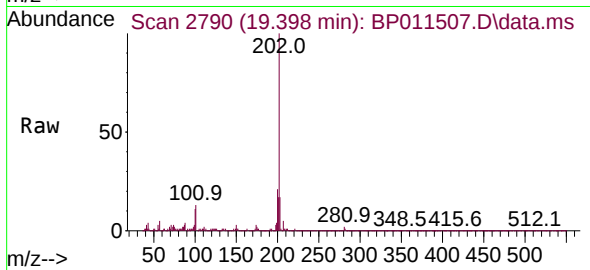
BGC49

Tgt Ion:	202	Resp:	206485
Ion Ratio	Lower	Upper	
202	100		
101	12.5	11.4	17.2
100	10.8	9.4	14.0

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#85

Benzo(a)anthracene

Concen: 3.184 ng/ul

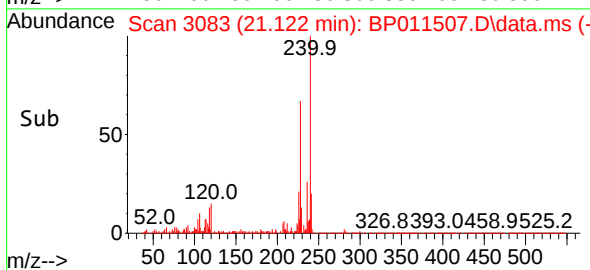
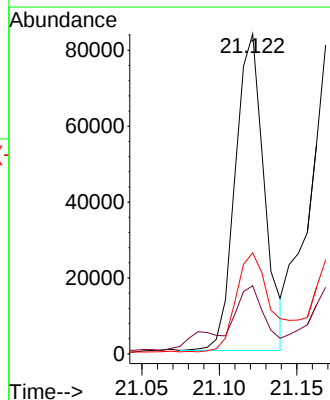
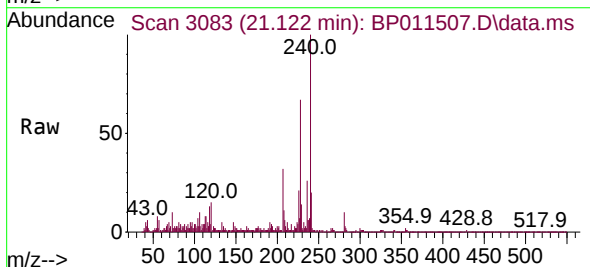
RT: 21.122 min Scan# 3083

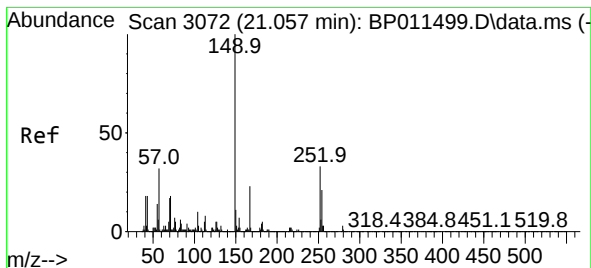
Delta R.T. 0.006 min

Lab File: BP011507.D

Acq: 19 Aug 2022 14:53

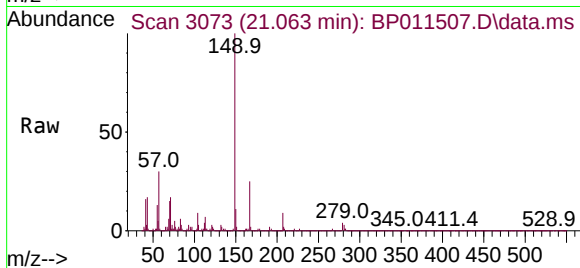
Tgt Ion:	228	Resp:	108650
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.0	24.0
226	31.6	22.6	33.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 16.905 ng/ul
RT: 21.063 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53

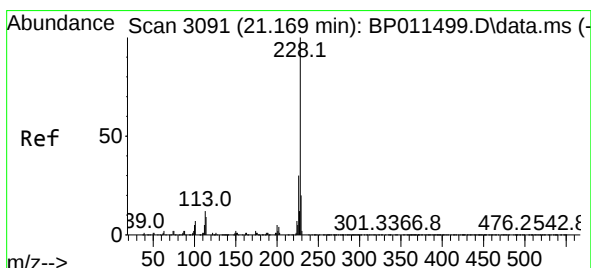
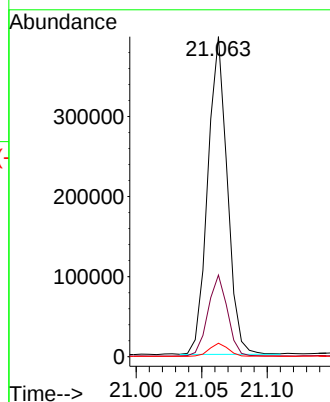
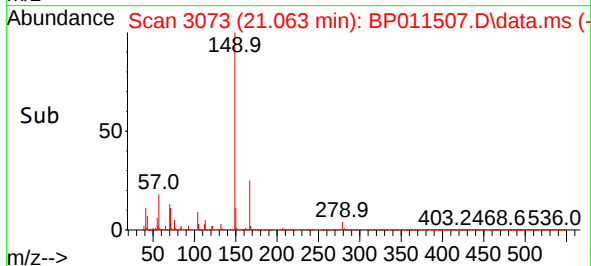
Instrument :
BNA_P
ClientSampleId :
BGC49



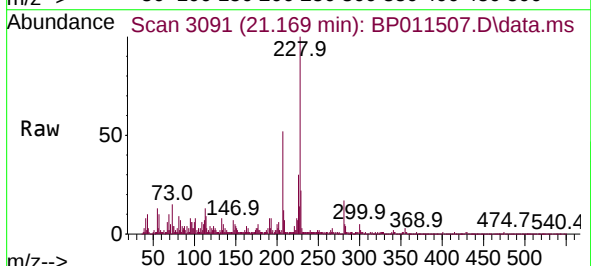
Tgt Ion:149 Resp: 410862
Ion Ratio Lower Upper
149 100
167 25.5 19.8 29.8
279 4.2 2.7 4.1

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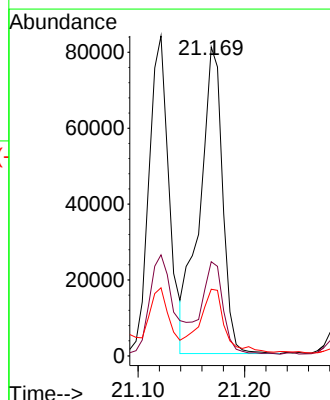
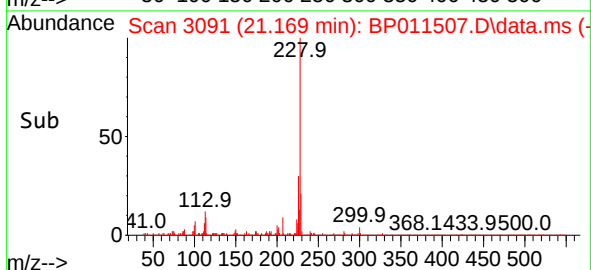
Reviewed By :Jagrut Upadhyay 08/22/2022
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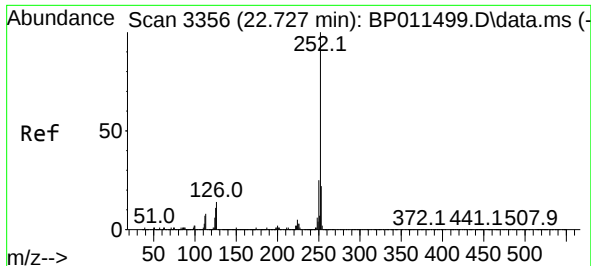


#87
Chrysene
Concen: 3.621 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53



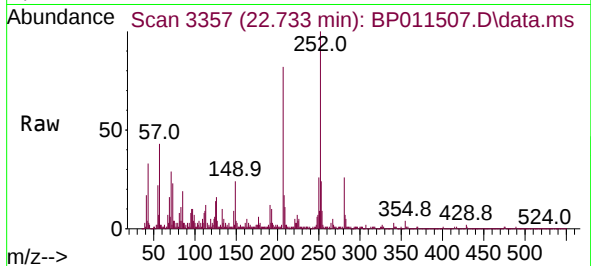
Tgt Ion:228 Resp: 121379
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 21.6 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 5.089 ng/ul
RT: 22.733 min Scan# 3356
Delta R.T. 0.006 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53

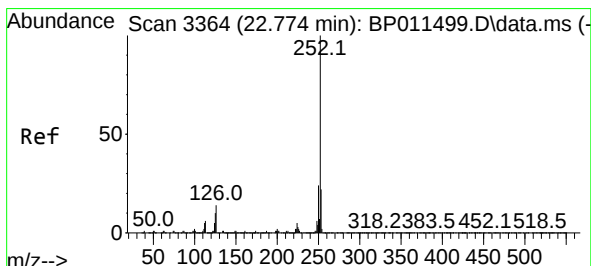
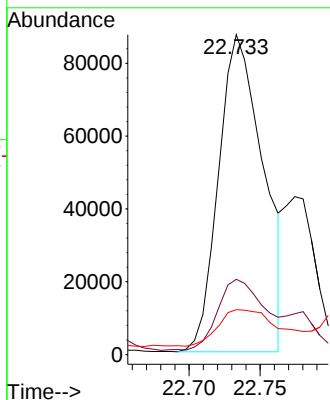
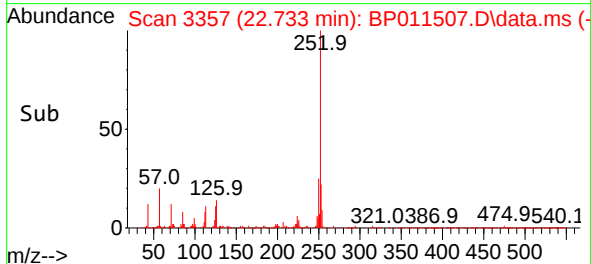
Instrument :
BNA_P
ClientSampleId :
BGC49



Tgt Ion:252 Resp: 190511
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 14.0 9.0 13.4

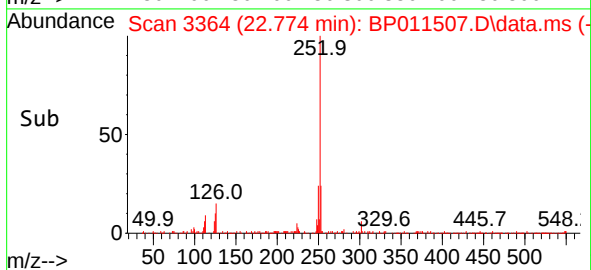
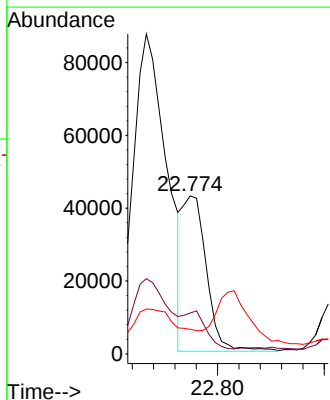
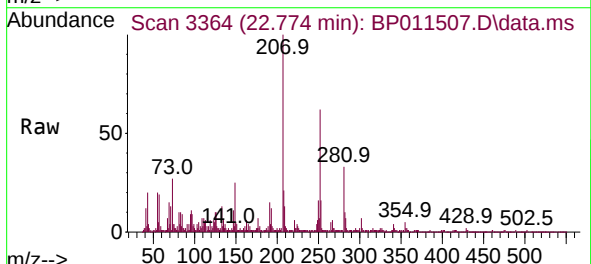
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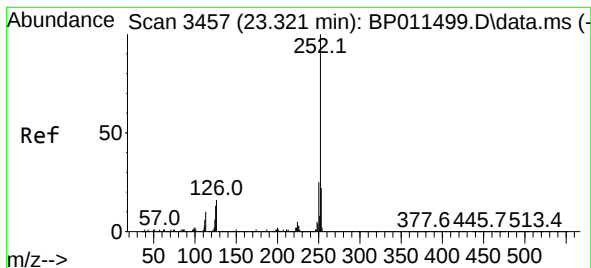
Reviewed By :Jagrut Upadhyay 08/22/2022
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#91
Benzo(k)fluoranthene
Concen: 1.872 ng/ul m
RT: 22.774 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BP011507.D
Acq: 19 Aug 2022 14:53

Tgt Ion:252 Resp: 66882
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 15.6 9.8 14.8





#93

Benzo(a)pyrene

Concen: 3.082 ng/ul

RT: 23.327 min Scan# 3457

Delta R.T. -0.000 min

Lab File: BP011507.D

Acq: 19 Aug 2022 14:53

Instrument :

BNA_P

ClientSampleId :

BGC49

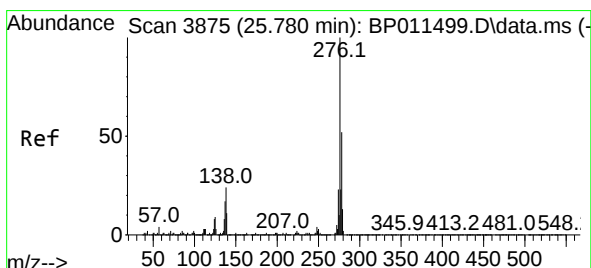
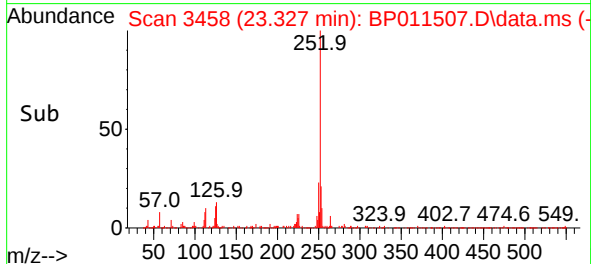
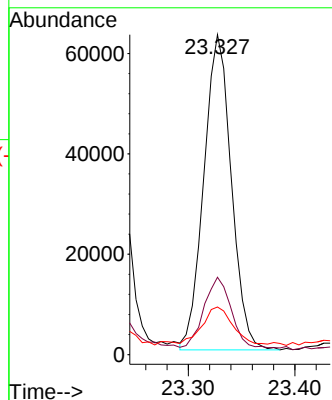
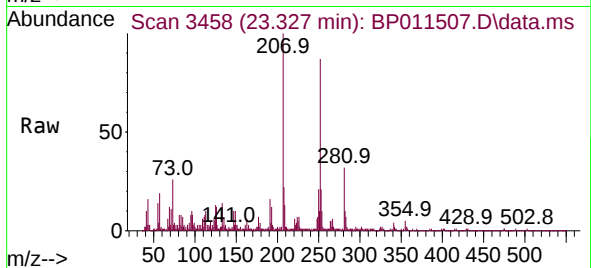
Tgt Ion:252 Resp: 112638

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.8	25.2
125	14.9	9.9	14.9

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.490 ng/ul

RT: 25.786 min Scan# 3876

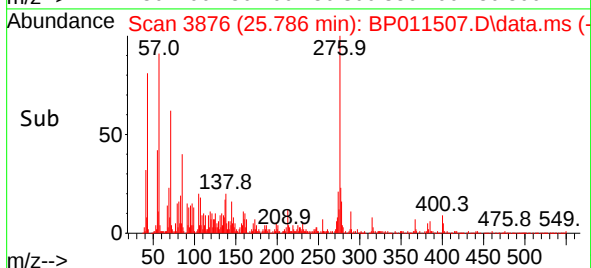
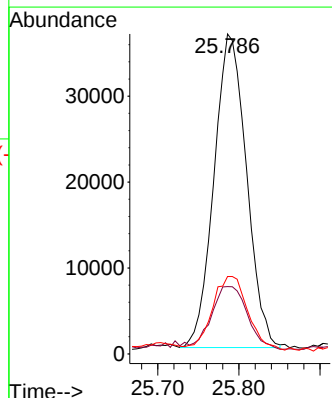
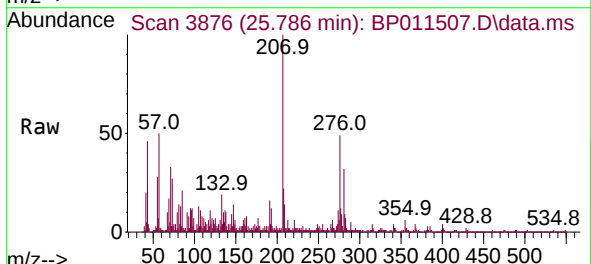
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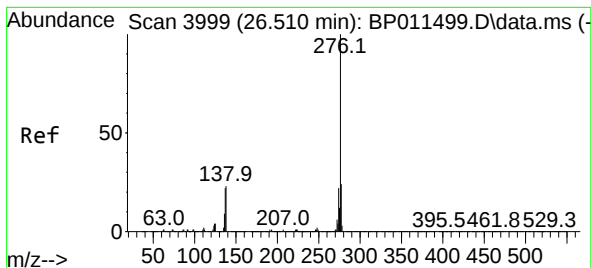
Lab File: BP011507.D

Acq: 19 Aug 2022 14:53

Tgt Ion:276 Resp: 101514

Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.2	30.4
277	24.2	20.1	30.1





#96

Benzo(g,h,i)perylene

Concen: 2.734 ng/ul

RT: 26.521 min Scan# 4001

Delta R.T. 0.012 min

Lab File: BP011507.D

Acq: 19 Aug 2022 14:53

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:276 Resp: 94809

Ion Ratio Lower Upper

276 100

138 23.3 19.4 29.2

277 24.0 19.1 28.7

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