

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011505.D
 Acq On : 19 Aug 2022 13:44
 Operator : CG/JU
 Sample : N4210-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGC47

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 04:35:51 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	96312	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	393328	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	213654	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	419548	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	393234	20.000	ng/u1	0.00
88) Perylene-d12	23.427	264	416536	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	8256	2.660	ng/uL	0.00
4) Pyridine-d5	3.487	84	49845	6.273	ng/u1	0.00
7) Phenol-d5	6.746	99	158071	17.860	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	101264	17.611	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	128176	19.690	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	109166	15.410	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	59946	21.170	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	62536	21.700	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	106458	20.012	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	145096	16.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	344729	22.812	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	375258	22.343	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	47643	16.364	ng/u1	0.00
60) Fluorene-d10	15.234	176	288397	22.685	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	31921	14.080	ng/u1	0.00
73) Anthracene-d10	17.104	188	458123	24.655	ng/u1	0.00
81) Pyrene-d10	19.369	212	533383	26.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.280	264	522275	25.776	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.045	178	105976	4.667	ng/u1	98
80) Fluoranthene	19.039	202	174036	7.113	ng/u1	97
82) Pyrene	19.392	202	133152	5.179	ng/u1	97
85) Benzo(a)anthracene	21.116	228	76254	3.183	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.063	149	273555	16.029	ng/u1	99
87) Chrysene	21.169	228	80531	3.422	ng/u1	97
89) Di-n-octyl phthalate	21.963	149	36414	1.088	ng/u1	100
90) Benzo(b)fluoranthene	22.733	252	122487	4.727	ng/u1#	92
91) Benzo(k)fluoranthene	22.774	252	40491m	1.638	ng/u1	
93) Benzo(a)pyrene	23.321	252	68519	2.709	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	25.786	276	62690	2.222	ng/u1	99
96) Benzo(g,h,i)perylene	26.515	276	53477	2.228	ng/u1	96

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

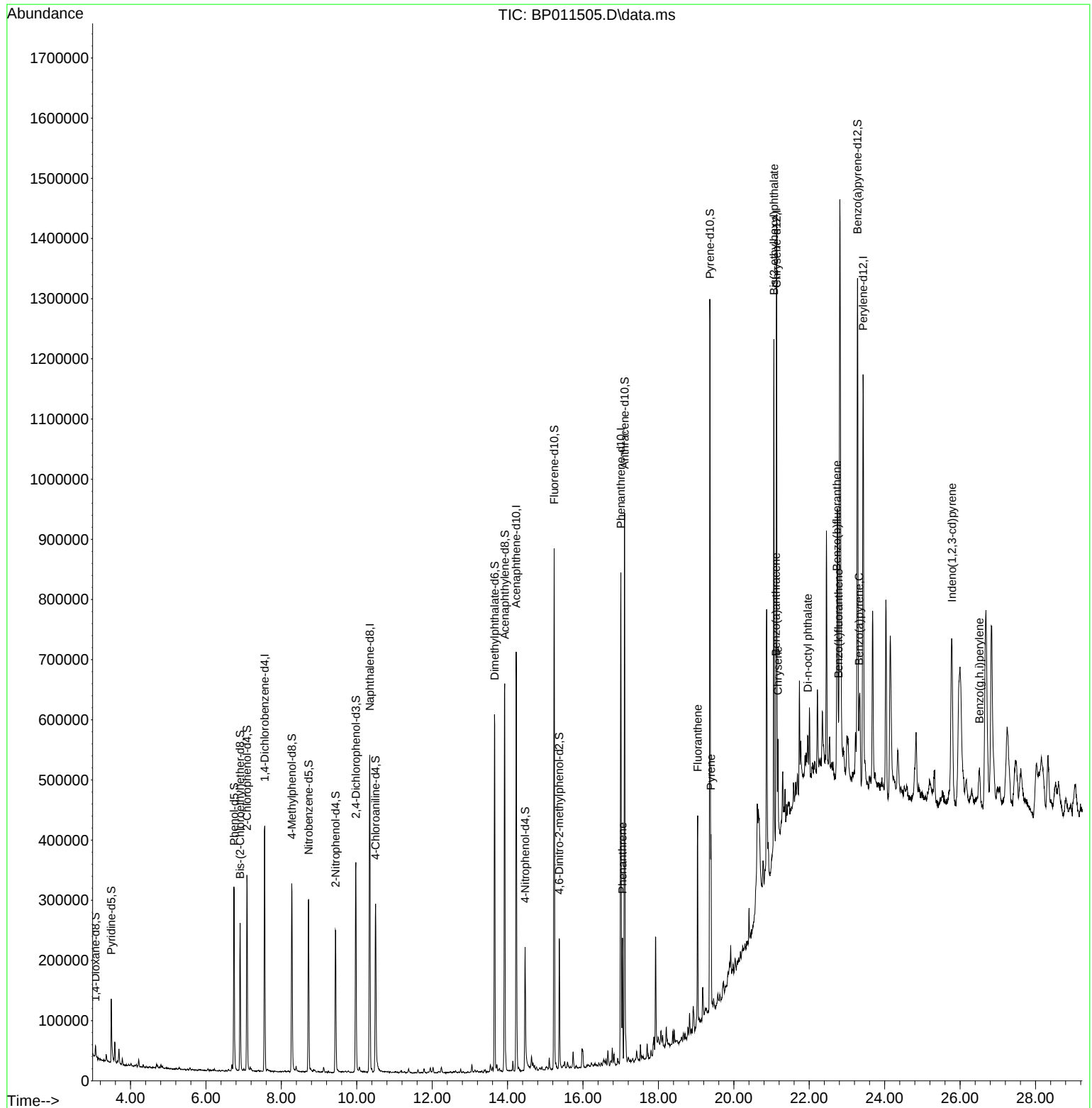
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
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 ALS Vial : 8 Sample Multiplier: 1

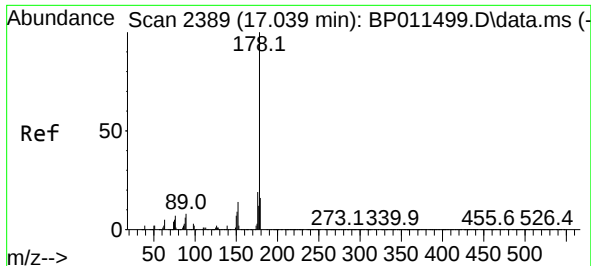
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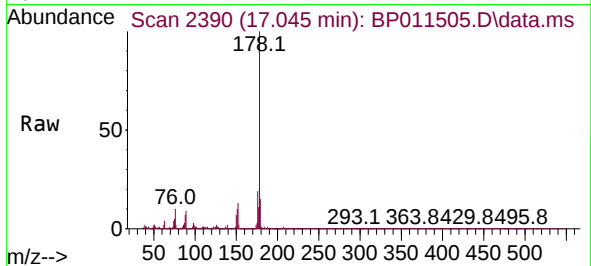
Quant Time: Aug 20 04:35:51 2022
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#72
Phenanthrene
Concen: 4.667 ng/ul
RT: 17.045 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

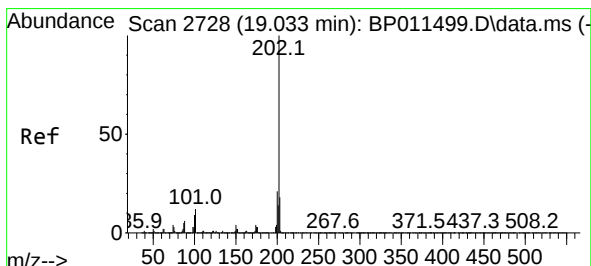
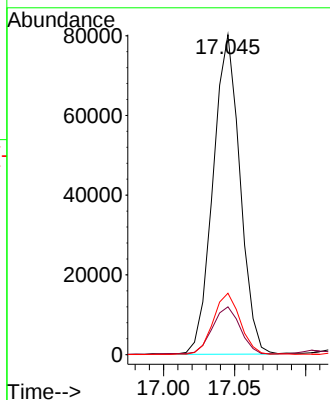
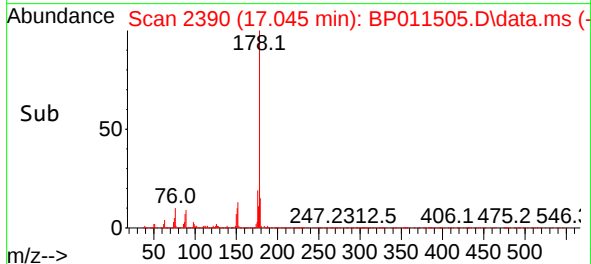
Instrument :
BNA_P
ClientSampleId :
BGC47



Tgt Ion:178 Resp: 105976
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 19.2 15.8 23.8

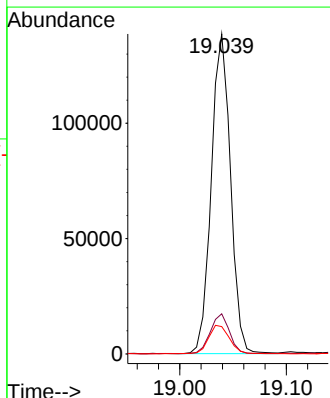
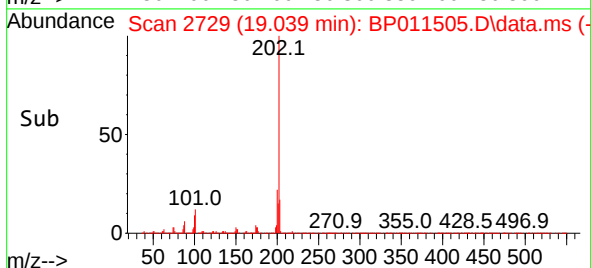
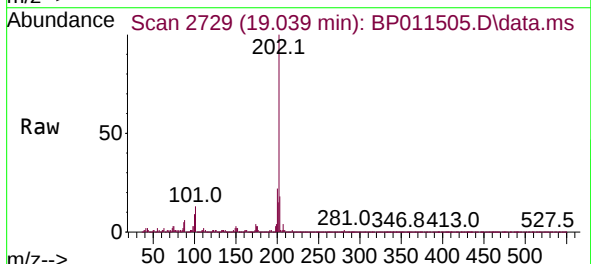
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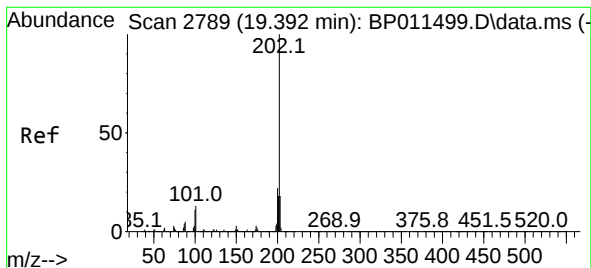
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#80
Fluoranthene
Concen: 7.113 ng/ul
RT: 19.039 min Scan# 2729
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:202 Resp: 174036
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 8.5 7.9 11.9





#82

Pyrene

Concen: 5.179 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

Instrument :

BNA_P

ClientSampleId :

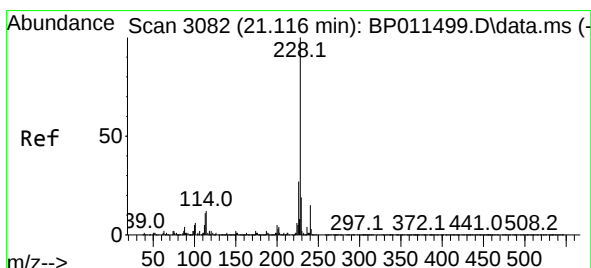
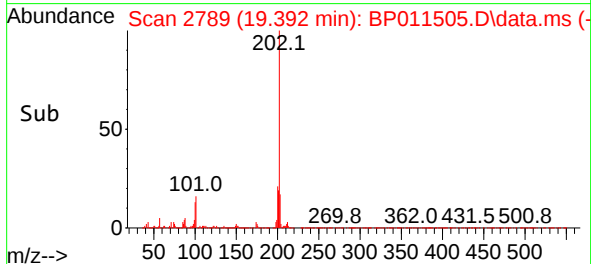
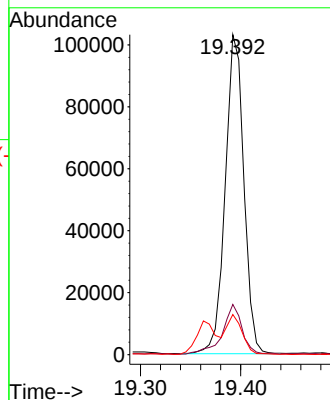
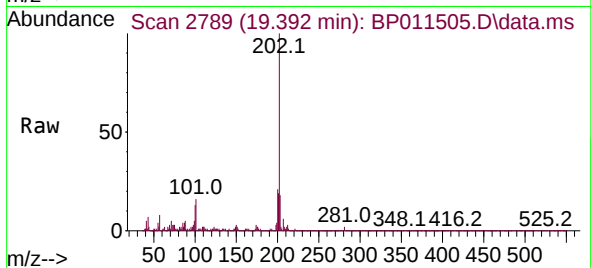
BGC47

Tgt Ion:202	Resp:	133152
Ion Ratio	Lower	Upper
202	100	
101	15.7	11.4 17.2
100	12.5	9.4 14.0

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#85

Benzo(a)anthracene

Concen: 3.183 ng/ul

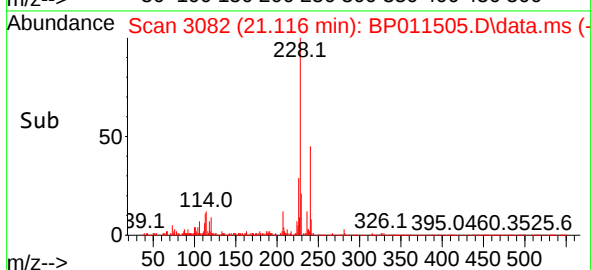
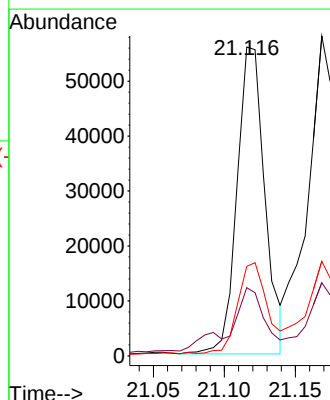
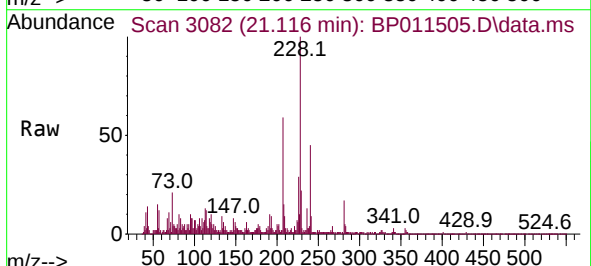
RT: 21.116 min Scan# 3082

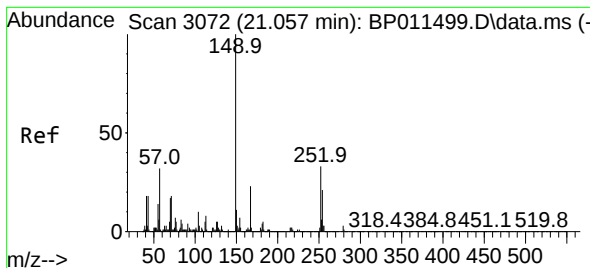
Delta R.T. -0.000 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

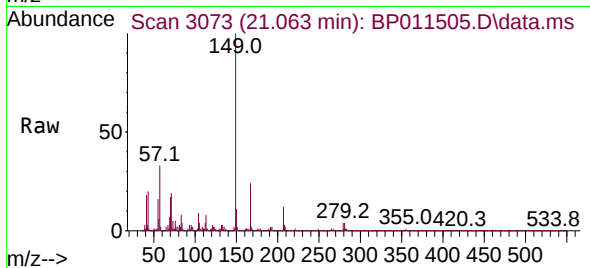
Tgt Ion:228	Resp:	76254
Ion Ratio	Lower	Upper
228	100	
229	22.1	16.0 24.0
226	29.0	22.6 33.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 16.029 ng/ul
RT: 21.063 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

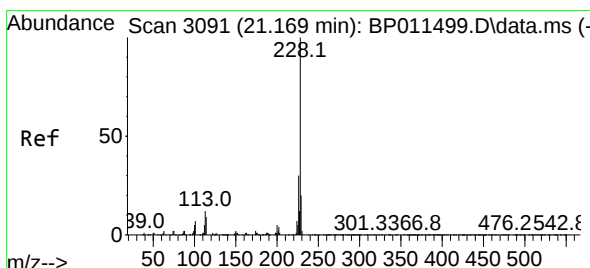
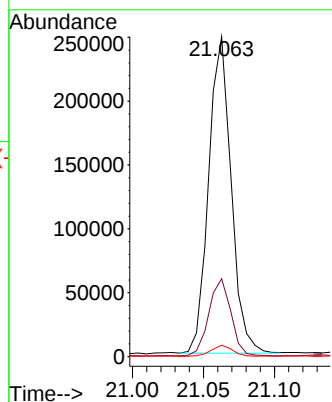
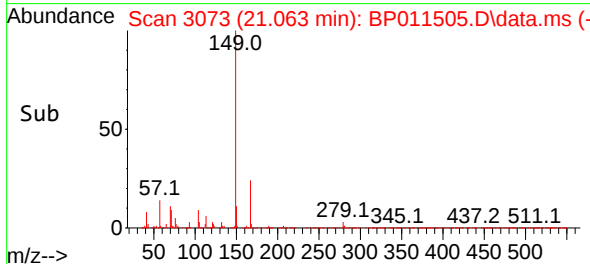
Instrument :
BNA_P
ClientSampleId :
BGC47



Tgt Ion:149 Resp: 27355
Ion Ratio Lower Upper
149 100
167 24.3 19.8 29.8
279 3.6 2.7 4.1

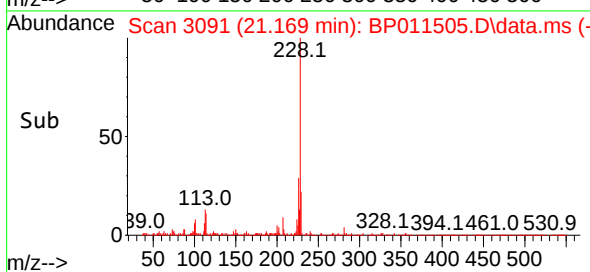
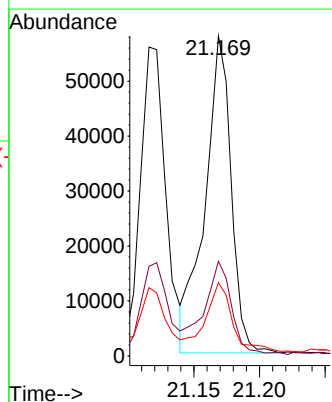
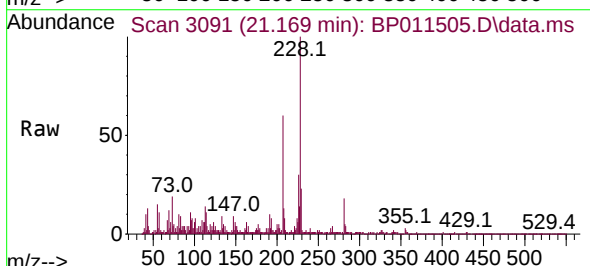
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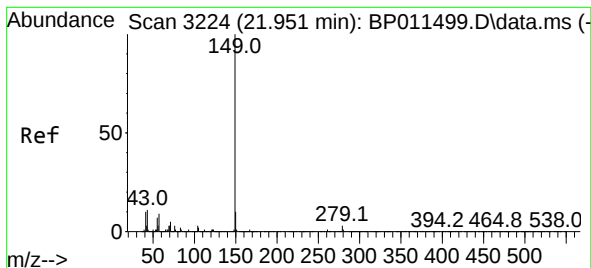
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#87
Chrysene
Concen: 3.422 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:228 Resp: 80531
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 22.9 16.0 24.0





#89

Di-n-octyl phthalate

Concen: 1.088 ng/ul

RT: 21.963 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

Instrument :

BNA_P

ClientSampleId :

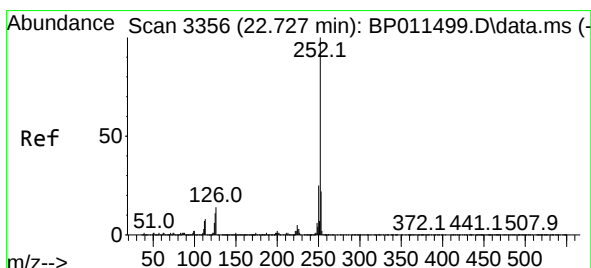
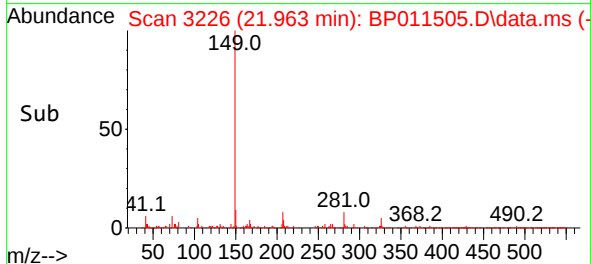
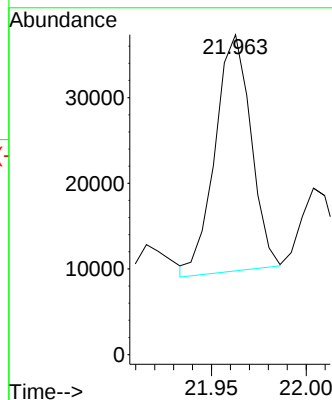
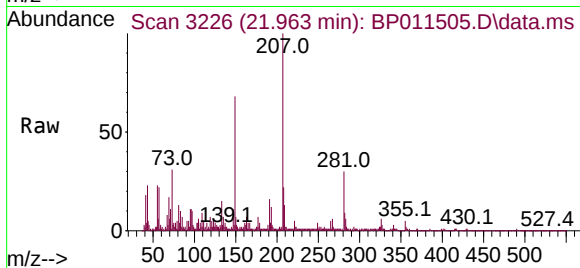
BGC47

Tgt Ion:149 Resp: 36414

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 4.727 ng/ul

RT: 22.733 min Scan# 3357

Delta R.T. 0.006 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

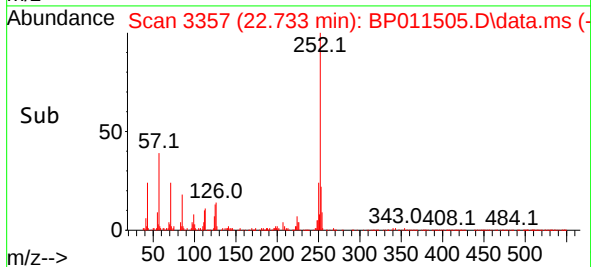
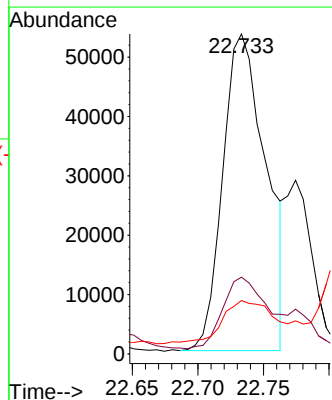
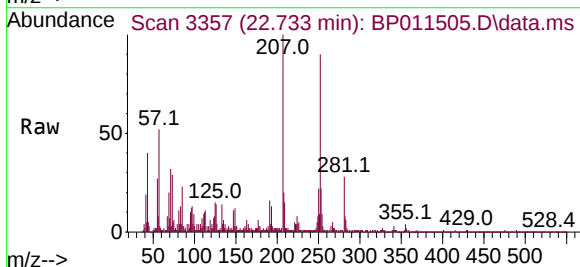
Tgt Ion:252 Resp: 122487

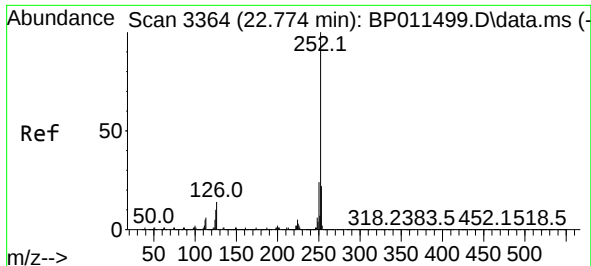
Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

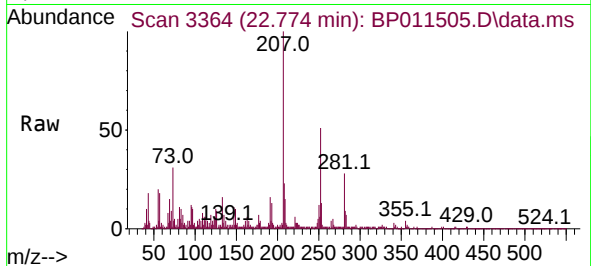
125 16.7 9.0 13.4#





#91
Benzo(k)fluoranthene
Concen: 1.638 ng/ul m
RT: 22.774 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

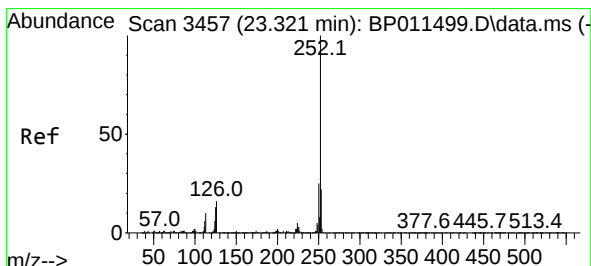
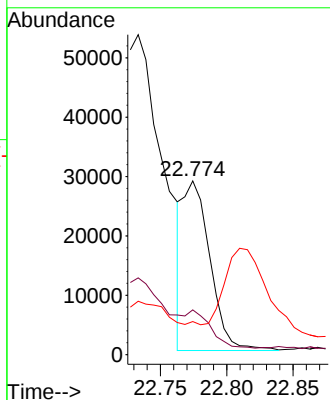
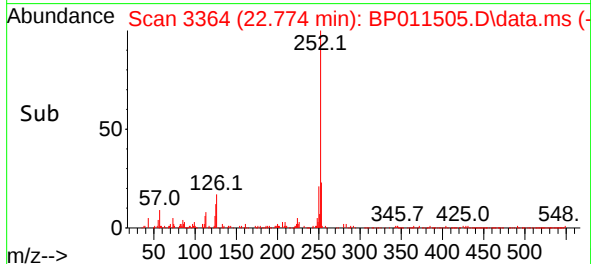
Instrument : BNA_P
ClientSampleId : BGC47



Tgt Ion:252 Resp: 40491
Ion Ratio Lower Upper
252 100
253 25.7 17.9 26.9
125 19.1 9.8 14.8

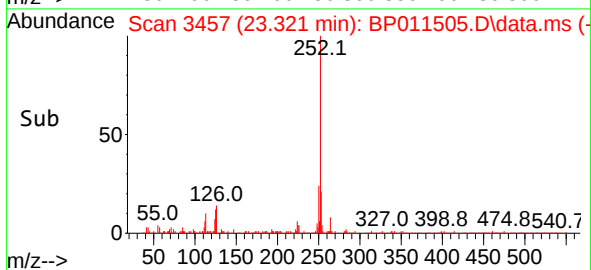
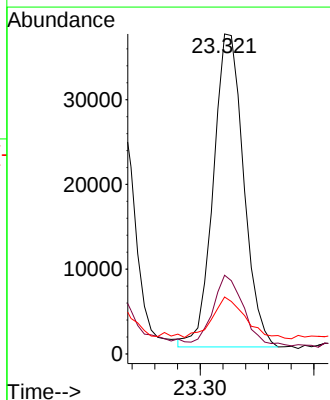
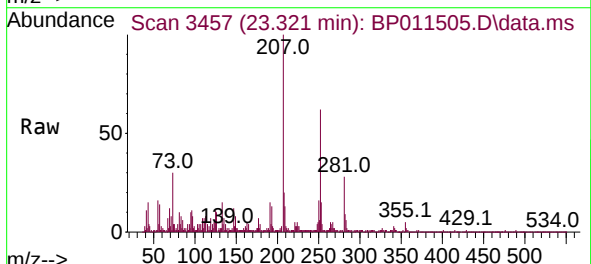
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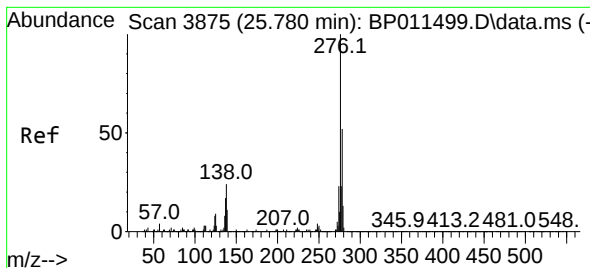
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#93
Benzo(a)pyrene
Concen: 2.709 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. -0.006 min
Lab File: BP011505.D
Acq: 19 Aug 2022 13:44

Tgt Ion:252 Resp: 68519
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 17.8 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.222 ng/ul

RT: 25.786 min Scan# 3875

Delta R.T. -0.000 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

Instrument :

BNA_P

ClientSampleId :

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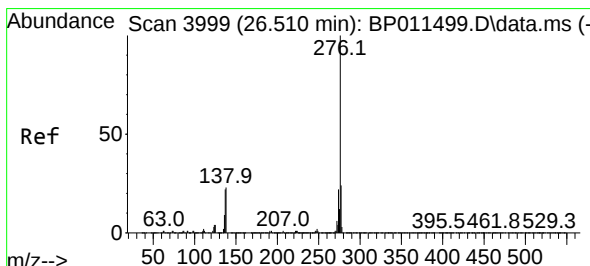
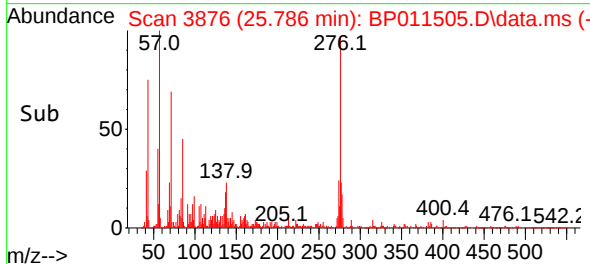
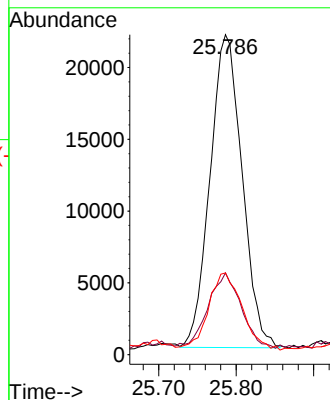
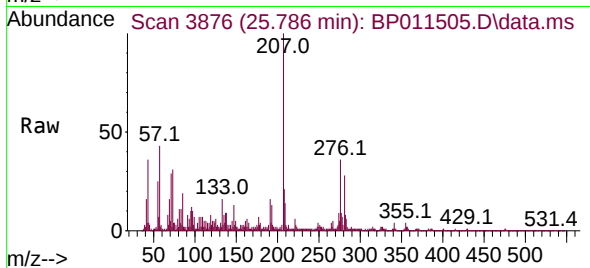
Tgt Ion:	276	Resp:	62690
Ion Ratio	Lower	Upper	
276	100		
138	25.5	20.2	30.4
277	25.5	20.1	30.1

Manual Integrations

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Supervised By :Sohil Jodhani 08/22/2022



#96

Benzo(g,h,i)perylene

Concen: 2.228 ng/ul

RT: 26.515 min Scan# 4000

Delta R.T. 0.006 min

Lab File: BP011505.D

Acq: 19 Aug 2022 13:44

Tgt Ion:	276	Resp:	53477
Ion Ratio	Lower	Upper	
276	100		
138	25.1	19.4	29.2
277	27.3	19.1	28.7

