

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011506.D
 Acq On : 19 Aug 2022 14:18
 Operator : CG/JU
 Sample : N4210-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGC50

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 04:36:19 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)

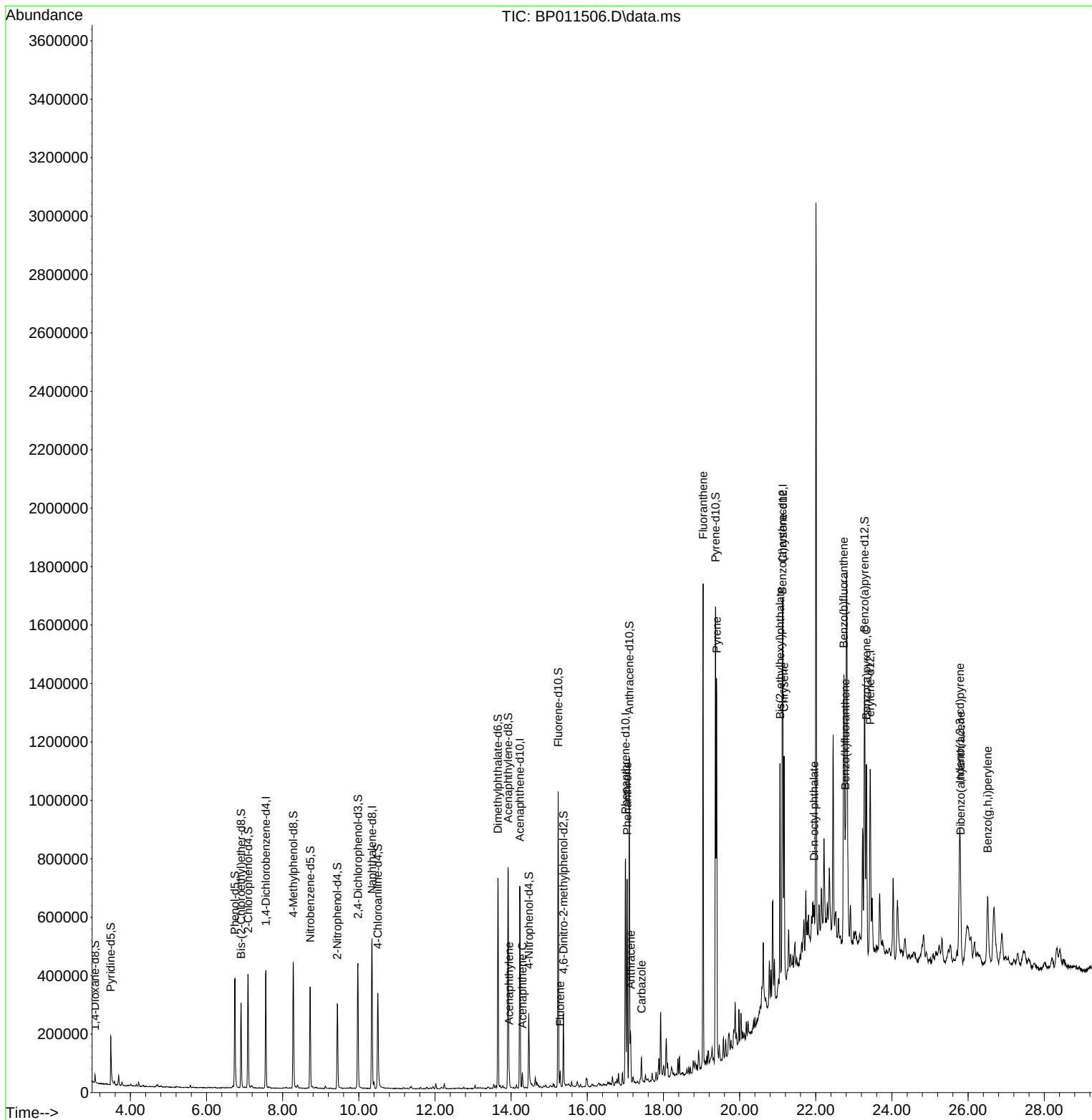
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	92699	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	382801	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	207288	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	407526	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	377104	20.000	ng/u1	0.00
88) Perylene-d12	23.427	264	394198	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	11491	3.847	ng/uL	0.00
4) Pyridine-d5	3.481	84	85206	11.141	ng/u1	0.00
7) Phenol-d5	6.740	99	190785	22.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	123465	22.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	155465	24.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	150579	22.084	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	72510	26.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	76898	27.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	130458	25.198	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	167827	19.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	409087	27.903	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	448478	27.523	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	57763	20.449	ng/u1	0.00
60) Fluorene-d10	15.234	176	336372	27.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	37383	16.976	ng/u1	0.00
73) Anthracene-d10	17.104	188	540381	29.940	ng/u1	0.00
81) Pyrene-d10	19.369	212	620844	32.540	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.280	264	607244	31.668	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	13.945	152	27574	1.424	ng/u1	97
52) Acenaphthene	14.293	153	18477	1.425	ng/u1	100
61) Fluorene	15.287	166	17782	1.216	ng/u1#	97
72) Phenanthrene	17.045	178	357506	16.208	ng/u1	100
74) Anthracene	17.139	178	92310	4.148	ng/u1	99
77) Carbazole	17.422	167	46000	2.198	ng/u1	98
80) Fluoranthene	19.039	202	830593	35.399	ng/u1	99
82) Pyrene	19.398	202	692619	28.094	ng/u1	97
85) Benzo(a)anthracene	21.122	228	392411	17.080	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.063	149	258471	15.793	ng/u1	99
87) Chrysene	21.169	228	376271	16.672	ng/u1	98
89) Di-n-octyl phthalate	21.957	149	45107	1.423	ng/u1	100
90) Benzo(b)fluoranthene	22.733	252	579882	23.649	ng/u1	98
91) Benzo(k)fluoranthene	22.774	252	193422m	8.266	ng/u1	
93) Benzo(a)pyrene	23.327	252	376546	15.729	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.786	276	301278	11.283	ng/u1	96
95) Dibenzo(a,h)anthracene	25.804	278	72926	3.172	ng/u1	93
96) Benzo(g,h,i)perylene	26.515	276	258029	11.360	ng/u1	98

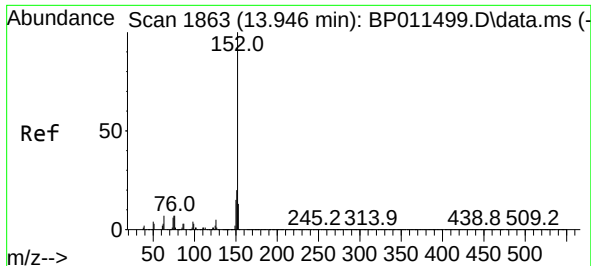
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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

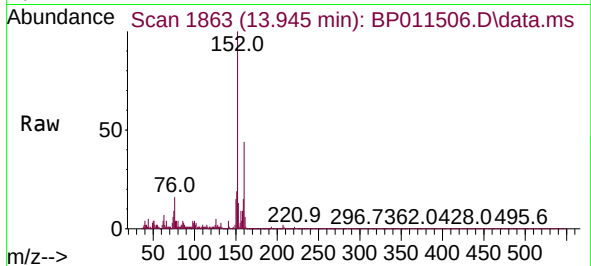
Quant Time: Aug 20 04:36:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.424 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

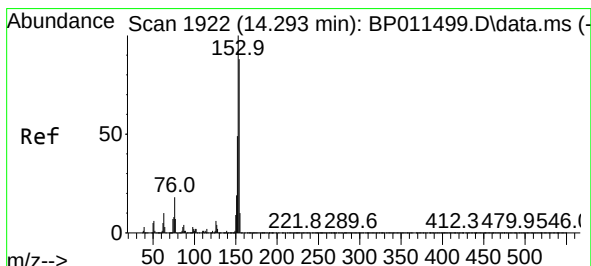
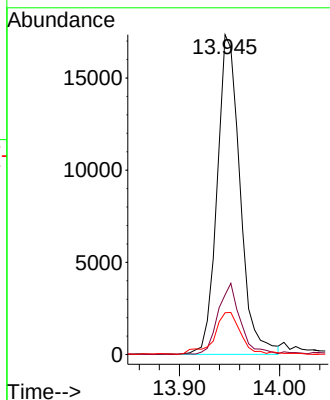
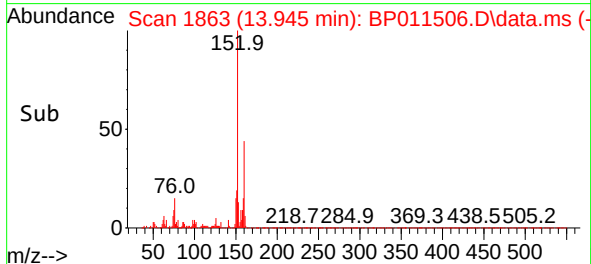
Instrument :
BNA_P
ClientSampleId :
BGC50



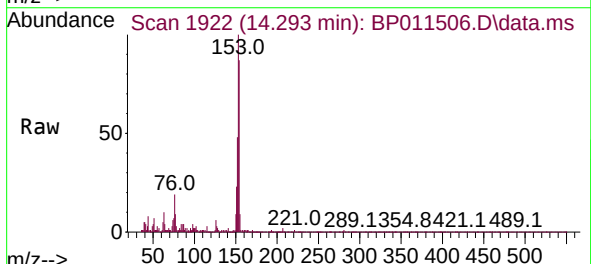
Tgt Ion:152 Resp: 27574
Ion Ratio Lower Upper
152 100
151 18.7 16.9 25.3
153 13.1 10.6 15.8

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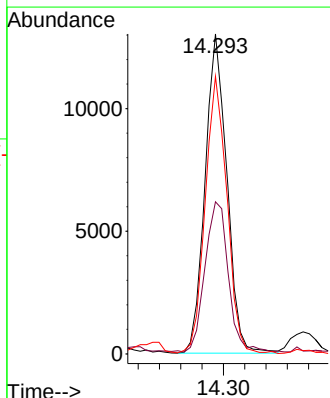
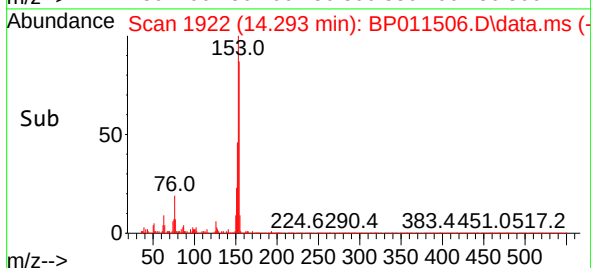
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

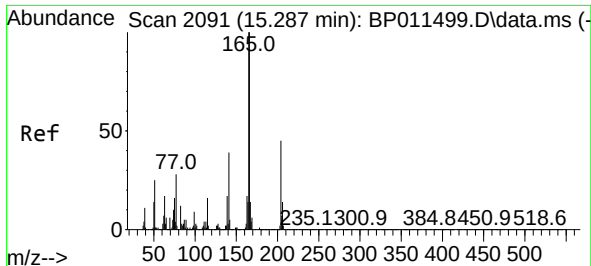


#52
Acenaphthene
Concen: 1.425 ng/ul
RT: 14.293 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18



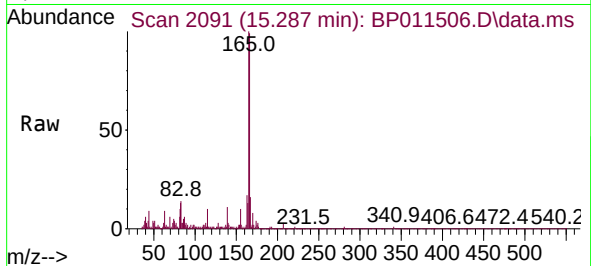
Tgt Ion:153 Resp: 18477
Ion Ratio Lower Upper
153 100
152 47.5 37.7 56.5
154 86.7 69.4 104.0





#61
Fluorene
Concen: 1.216 ng/ul
RT: 15.287 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

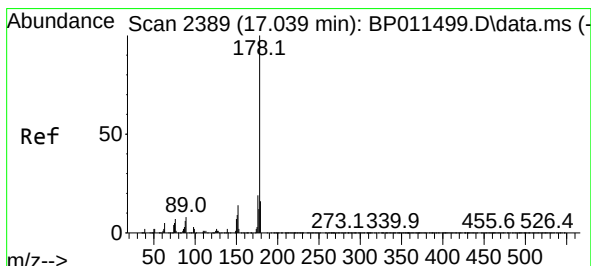
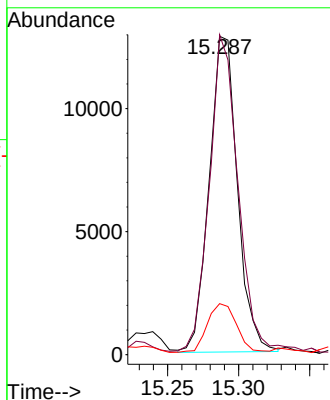
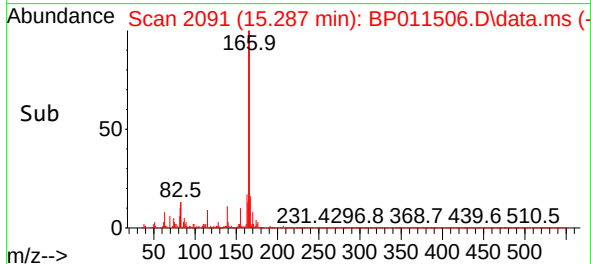
Instrument :
BNA_P
ClientSampleId :
BGC50



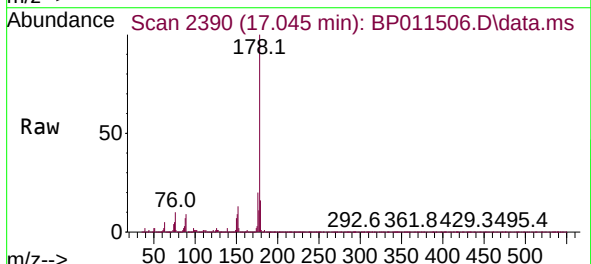
Tgt Ion:166 Resp: 17782
Ion Ratio Lower Upper
166 100
165 100.5 78.2 117.2
167 16.0 10.3 15.5

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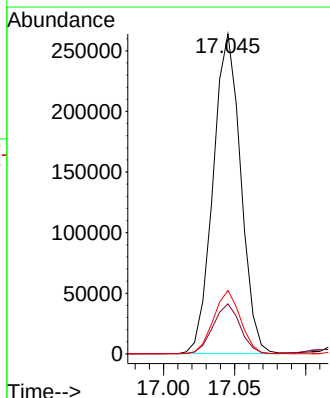
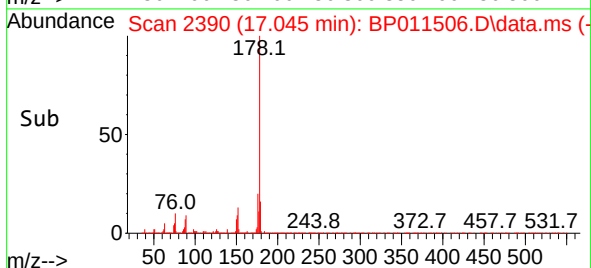
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

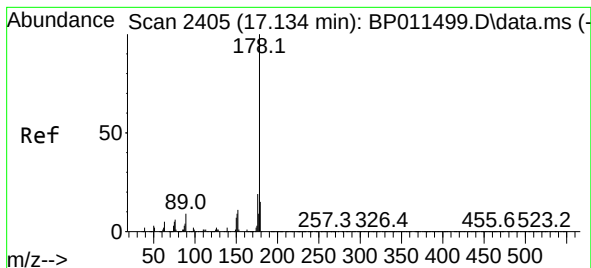


#72
Phenanthrene
Concen: 16.208 ng/ul
RT: 17.045 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18



Tgt Ion:178 Resp: 357506
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 15.8 23.8





#74

Anthracene

Concen: 4.148 ng/ul

RT: 17.139 min Scan# 2405

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

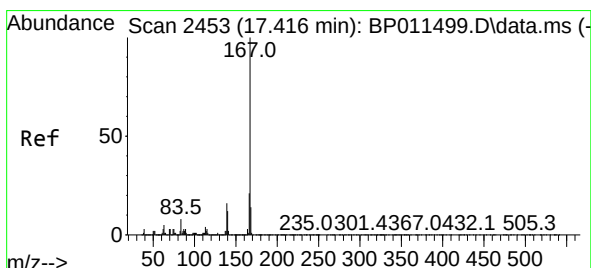
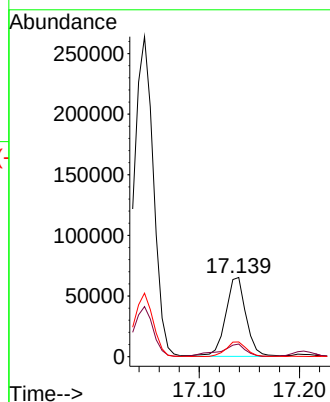
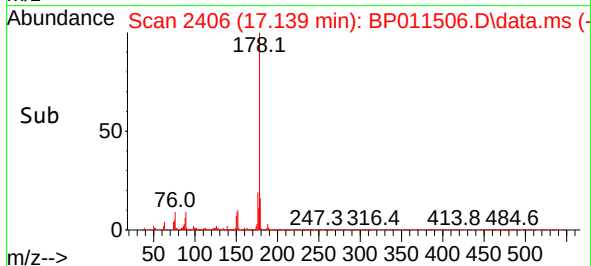
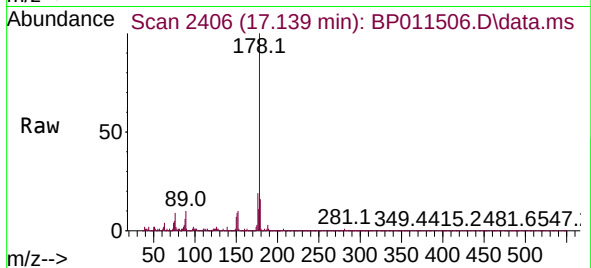
BGC50

Tgt Ion:178	Resp:	92310
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.2
176	18.6	15.4 23.0

Manual Integrations

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



#77

Carbazole

Concen: 2.198 ng/ul

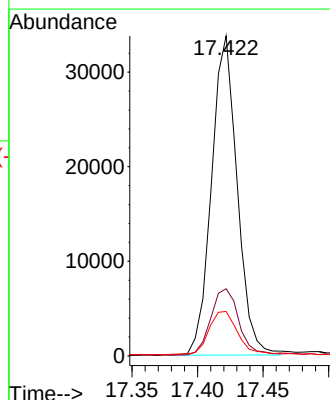
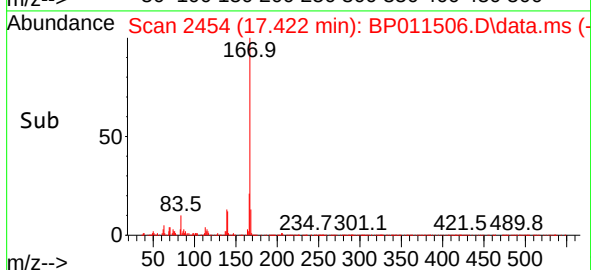
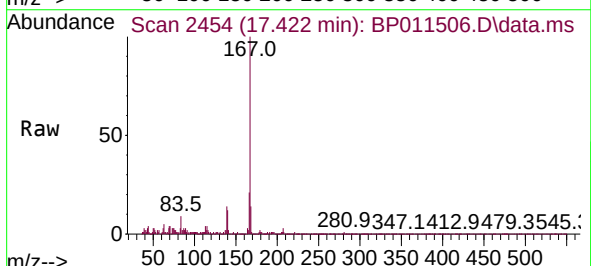
RT: 17.422 min Scan# 2454

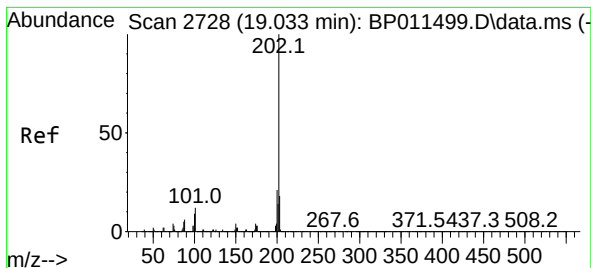
Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Tgt Ion:167	Resp:	46000
Ion Ratio	Lower	Upper
167	100	
166	21.0	17.5 26.3
139	13.9	12.1 18.1





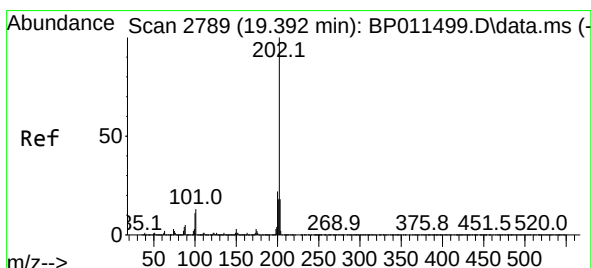
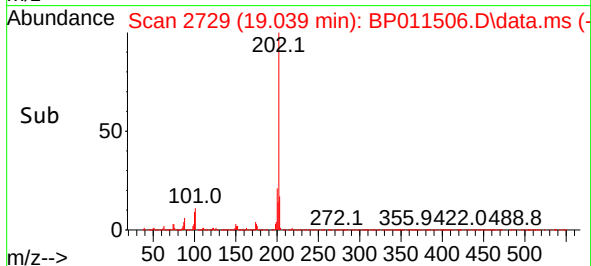
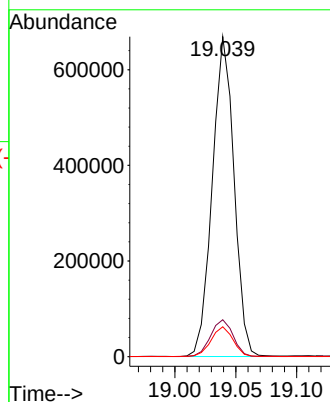
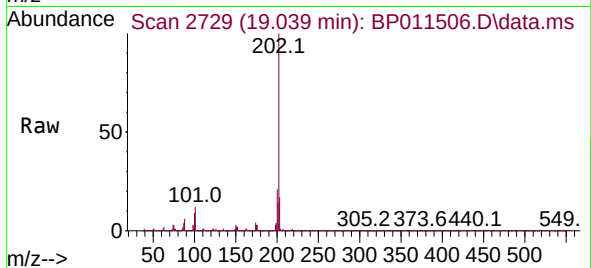
#80
Fluoranthene
Concen: 35.399 ng/ul
RT: 19.039 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_P
ClientSampleId :
BGC50

Tgt Ion:202 Resp: 830593
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.3 7.9 11.9

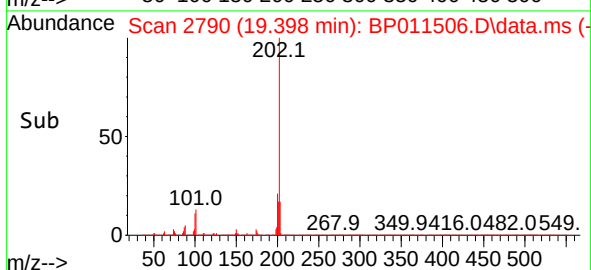
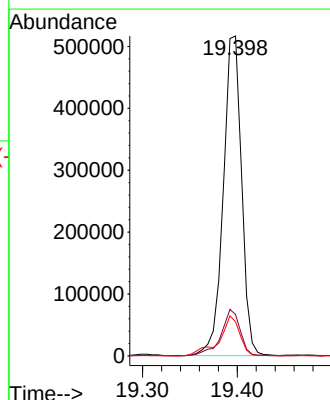
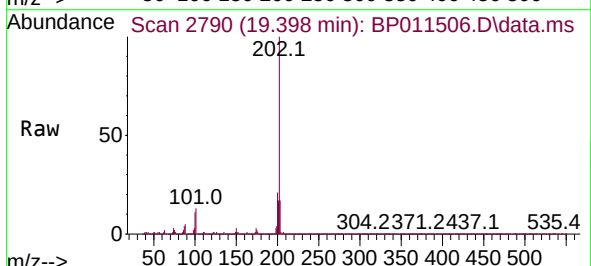
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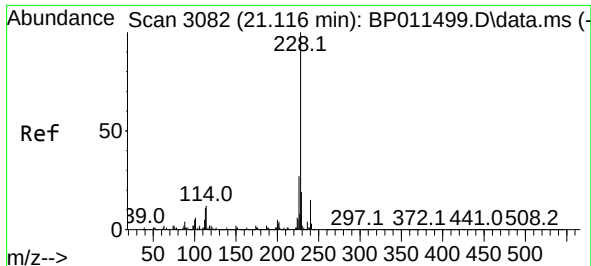
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#82
Pyrene
Concen: 28.094 ng/ul
RT: 19.398 min Scan# 2790
Delta R.T. 0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

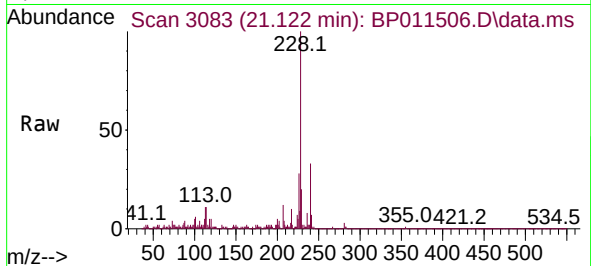
Tgt Ion:202 Resp: 692619
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.2
100 10.7 9.4 14.0





#85
Benzo(a)anthracene
Concen: 17.080 ng/ul
RT: 21.122 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

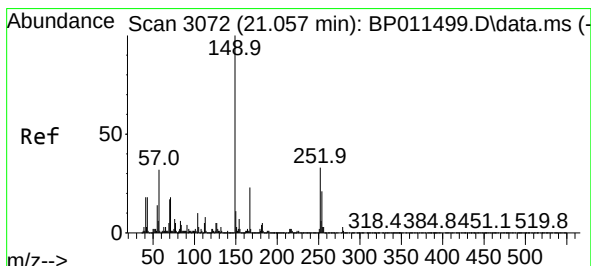
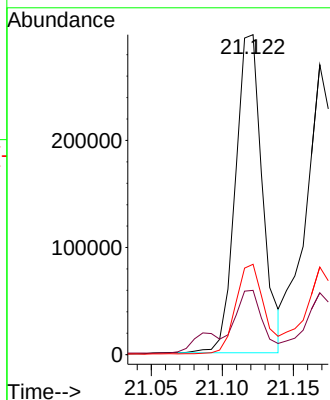
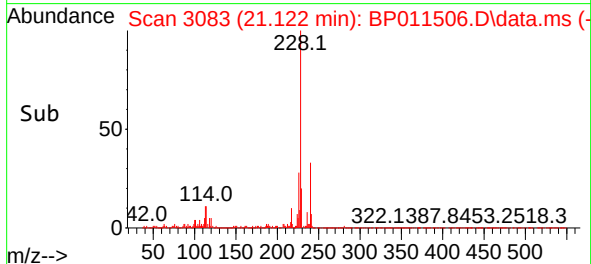
Instrument :
BNA_P
ClientSampleId :
BGC50



Tgt Ion:228 Resp: 392411
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.2 22.6 33.8

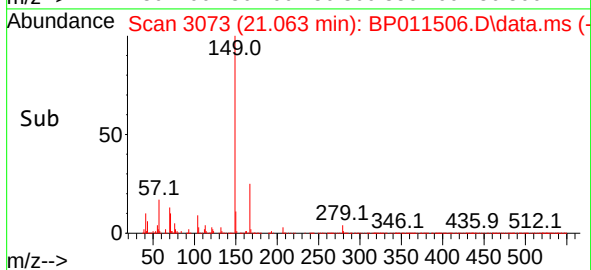
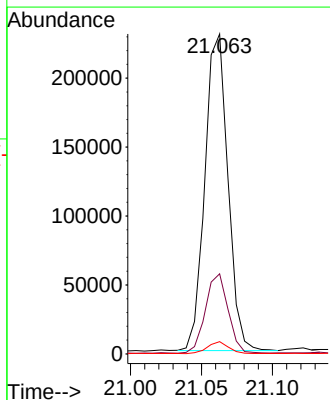
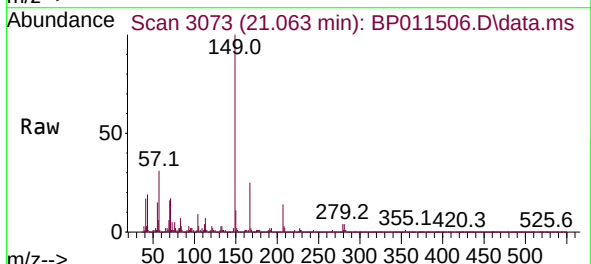
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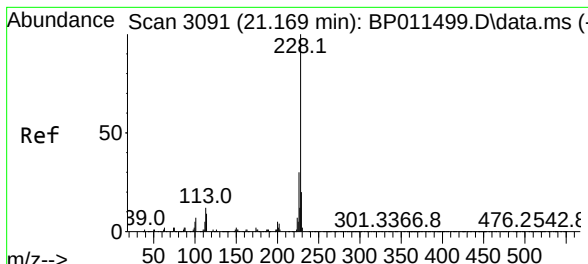
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 15.793 ng/ul
RT: 21.063 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Tgt Ion:149 Resp: 258471
Ion Ratio Lower Upper
149 100
167 25.0 19.8 29.8
279 3.8 2.7 4.1





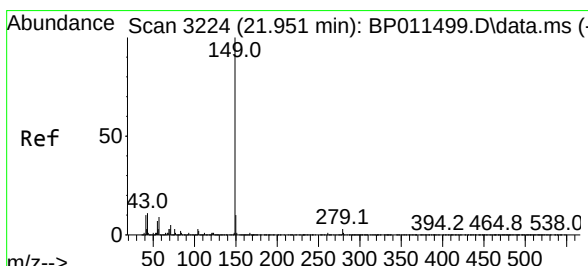
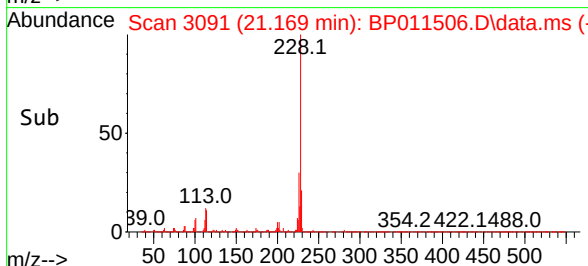
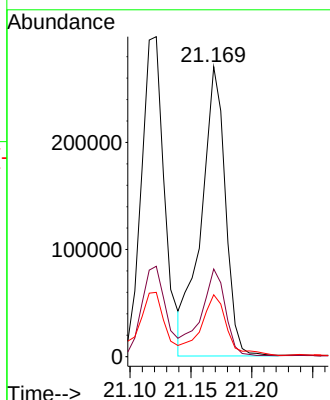
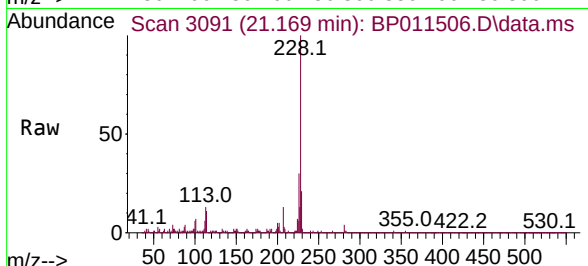
#87
Chrysene
Concen: 16.672 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Instrument : BNA_P
ClientSampleId : BGC50

Tgt Ion:228 Resp: 37627
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 21.3 16.0 24.0

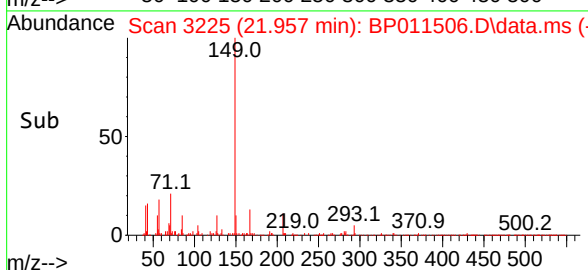
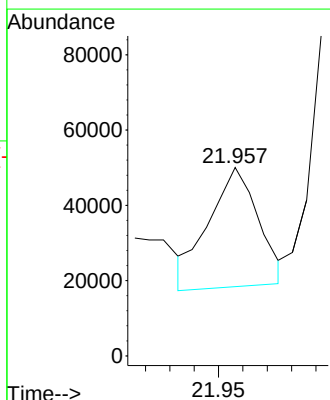
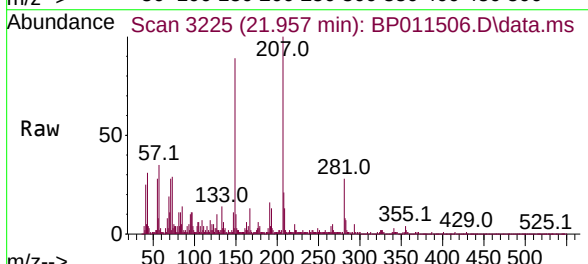
Manual Integrations
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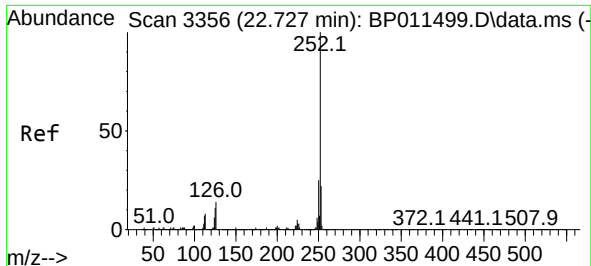
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#89
Di-n-octyl phthalate
Concen: 1.423 ng/ul
RT: 21.957 min Scan# 3225
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Tgt Ion:149 Resp: 45107





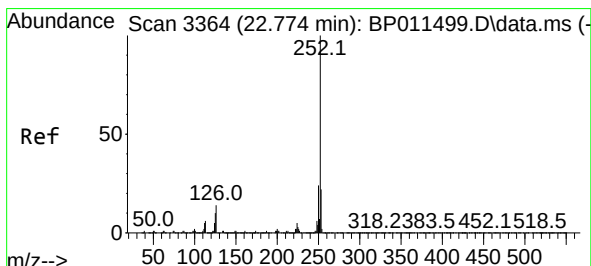
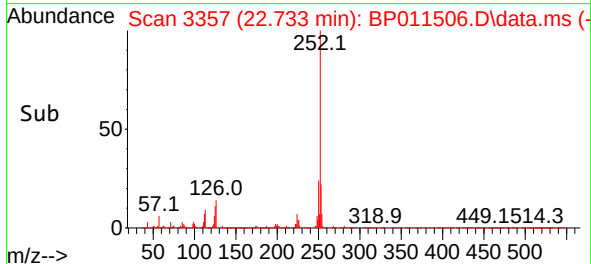
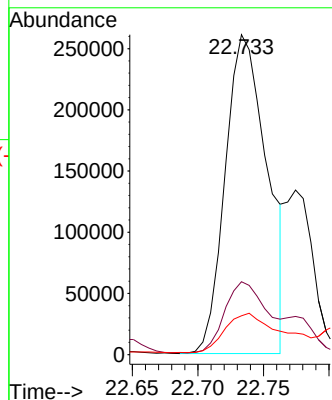
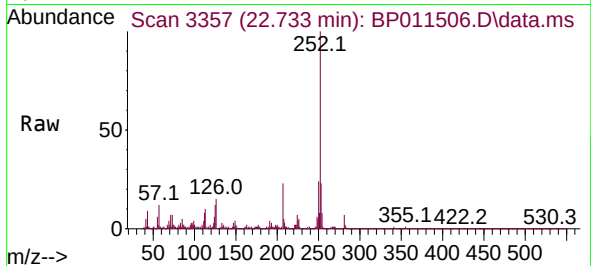
#90
Benzo(b)fluoranthene
Concen: 23.649 ng/ul
RT: 22.733 min Scan# 3356
Delta R.T. 0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_P
ClientSampleId :
BGC50

Tgt Ion:252 Resp: 579882
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.1 9.0 13.4

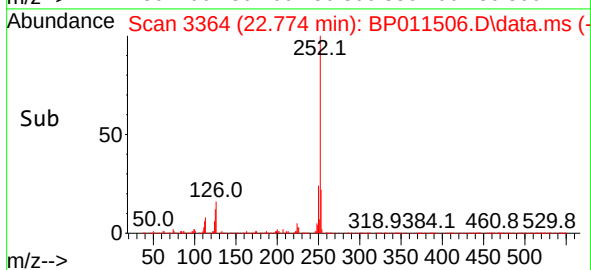
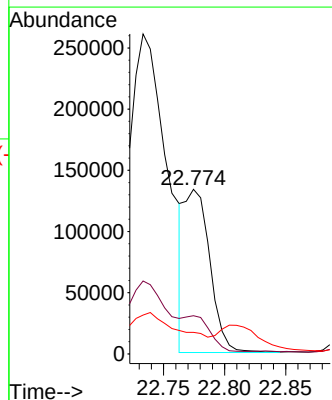
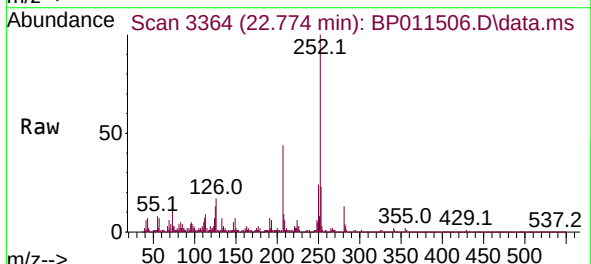
Manual Integrations
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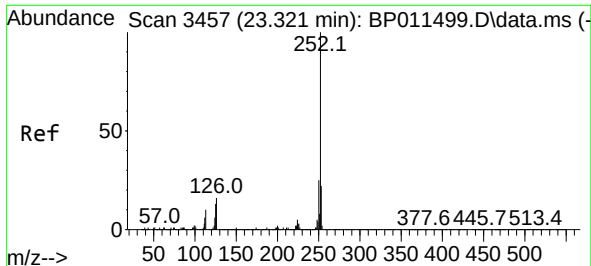
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022



#91
Benzo(k)fluoranthene
Concen: 8.266 ng/ul m
RT: 22.774 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

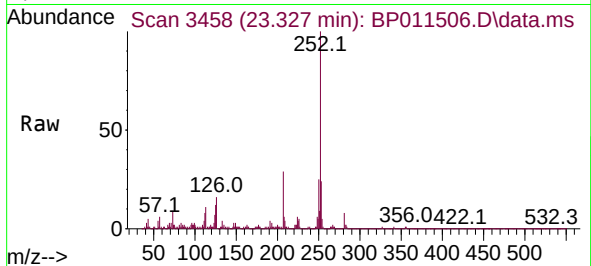
Tgt Ion:252 Resp: 193422
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.1 9.8 14.8





#93
Benzo(a)pyrene
Concen: 15.729 ng/ul
RT: 23.327 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

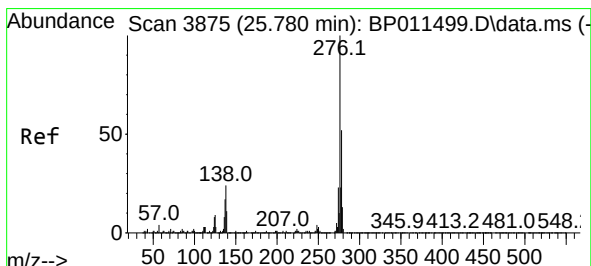
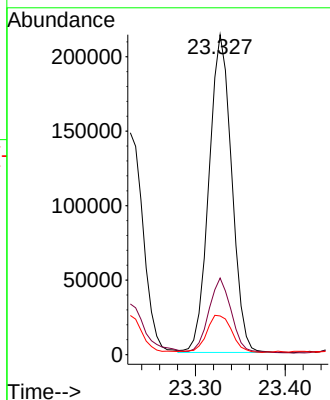
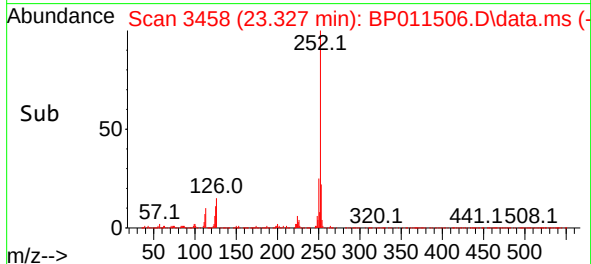
Instrument :
BNA_P
ClientSampleId :
BGC50



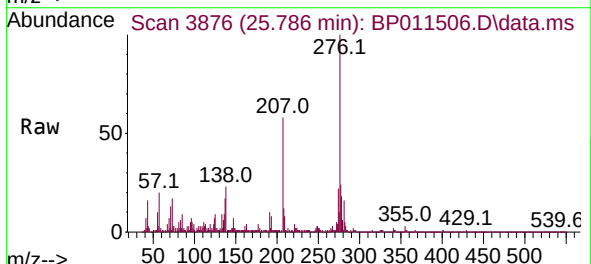
Tgt Ion:252 Resp: 376546
Ion Ratio Lower Upper
252 100
253 23.9 16.8 25.2
125 12.1 9.9 14.9

Manual Integrations
APPROVED

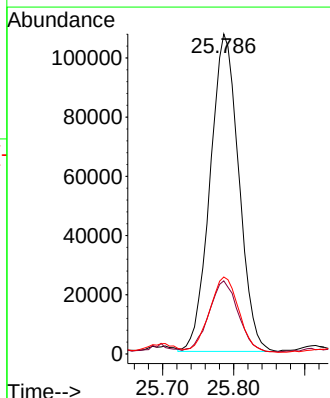
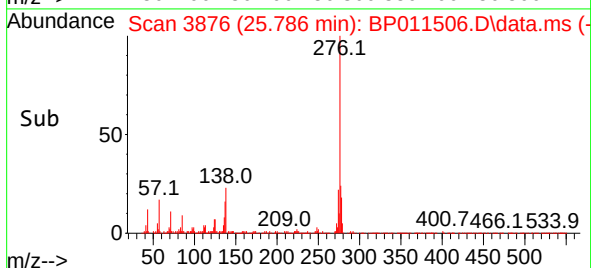
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

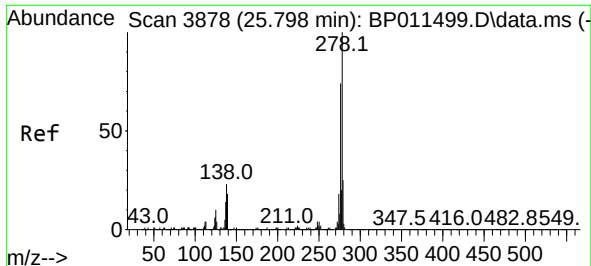


#94
Indeno(1,2,3-cd)pyrene
Concen: 11.283 ng/ul
RT: 25.786 min Scan# 3876
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18



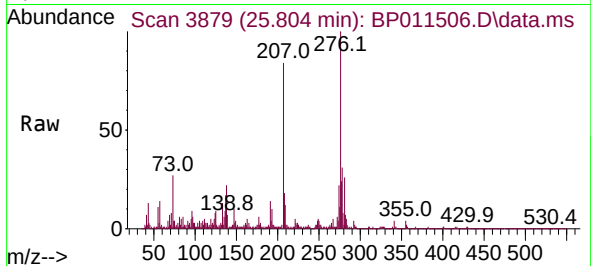
Tgt Ion:276 Resp: 301278
Ion Ratio Lower Upper
276 100
138 22.8 20.2 30.4
277 24.0 20.1 30.1





#95
Dibenzo(a,h)anthracene
Concen: 3.172 ng/ul
RT: 25.804 min Scan# 3878
Delta R.T. -0.000 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

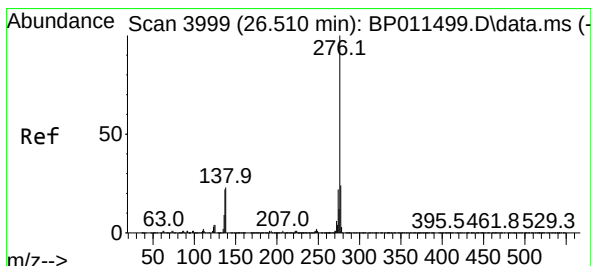
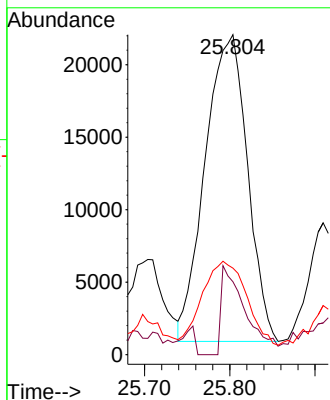
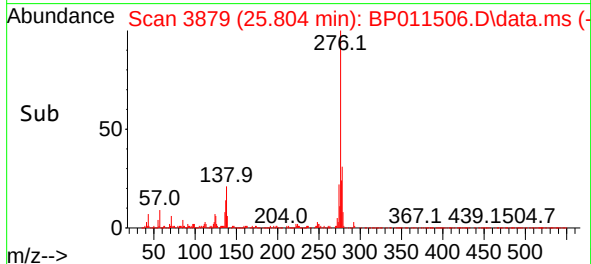
Instrument :
BNA_P
ClientSampleId :
BGC50



Tgt Ion:278 Resp: 72926
Ion Ratio Lower Upper
278 100
139 22.8 15.4 23.0
279 27.0 19.3 28.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 11.360 ng/ul
RT: 26.515 min Scan# 4000
Delta R.T. 0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Tgt Ion:276 Resp: 258029
Ion Ratio Lower Upper
276 100
138 25.5 19.4 29.2
277 24.5 19.1 28.7

