

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014982.D
 Acq On : 05 May 2023 14:15
 Operator : CG/JU
 Sample : 02479-02DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW943DL

Manual Integrations
 APPROVED

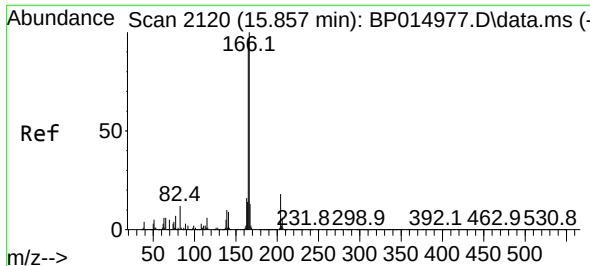
Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 05 23:11:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	348353	20.000	ng/u1	0.00
20) Naphthalene-d8	11.005	136	1588040	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1012668	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	2158454	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1671598	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1532428	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	2328m	0.248	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.311	99	33954	1.124	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	22088	1.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	26865	1.210	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	24666	1.060	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	13508	1.196	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	13326	1.149	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	24842	1.091	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	16504	0.501	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	95356	1.330	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	108709	1.265	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.798	176	86726	1.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	4391	0.361	ng/u1	0.00
73) Anthracene-d10	17.663	188	136133	1.404	ng/u1	0.00
81) Pyrene-d10	19.881	212	148787	1.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	101722	1.362	ng/u1	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.857	166	92588	1.290	ng/u1	96
72) Phenanthrene	17.610	178	916918	7.689	ng/u1	100
74) Anthracene	17.698	178	258355	2.176	ng/u1	98
80) Fluoranthene	19.557	202	1316032	9.513	ng/u1	98
82) Pyrene	19.910	202	998319	6.811	ng/u1	98
83) Butylbenzylphthalate	20.763	149	165600	3.763	ng/u1	98
85) Benzo(a)anthracene	21.633	228	528069	4.733	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.528	149	1691721	30.553	ng/u1#	99
87) Chrysene	21.686	228	535043	4.763	ng/u1	96
89) Di-n-octyl phthalate	22.522	149	574377m	6.419	ng/u1	
90) Benzo(b)fluoranthene	23.451	252	490356	4.951	ng/u1#	96
91) Benzo(k)fluoranthene	23.492	252	175468m	1.741	ng/u1	
93) Benzo(a)pyrene	24.133	252	291018	3.351	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.004	276	173788	1.640	ng/u1	95
96) Benzo(g,h,i)perylene	27.862	276	147561	1.636	ng/u1	99

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



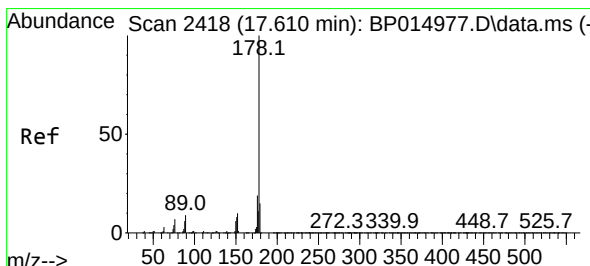
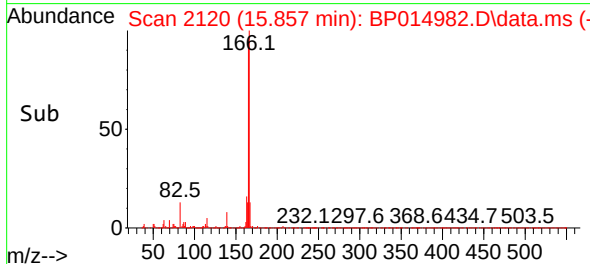
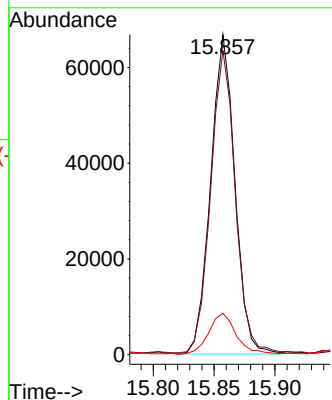
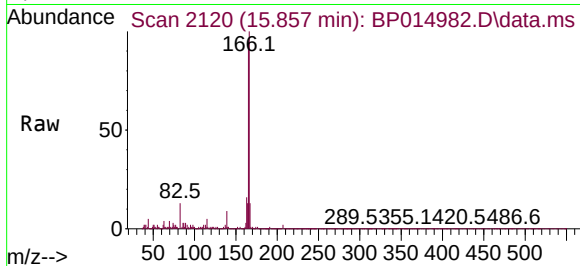
#61
Fluorene
Concen: 1.290 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Instrument :
BNA_P
ClientSampleId :
EW943DL

Tgt Ion:166 Resp: 92588
Ion Ratio Lower Upper
166 100
165 95.0 79.3 118.9
167 12.9 10.7 16.1

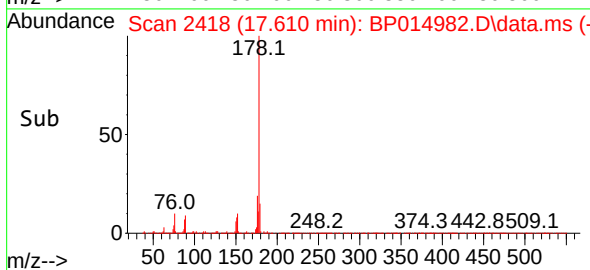
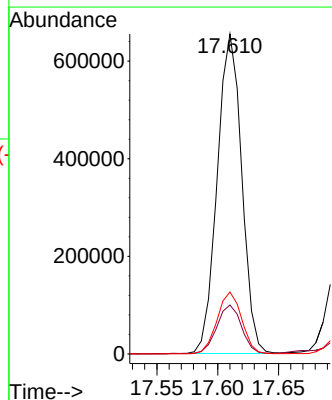
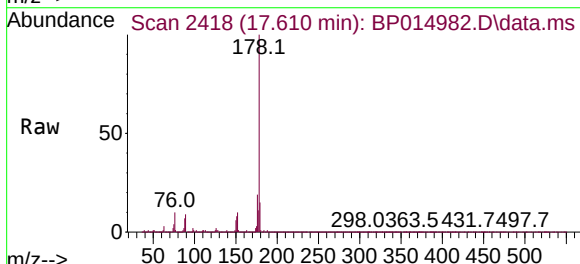
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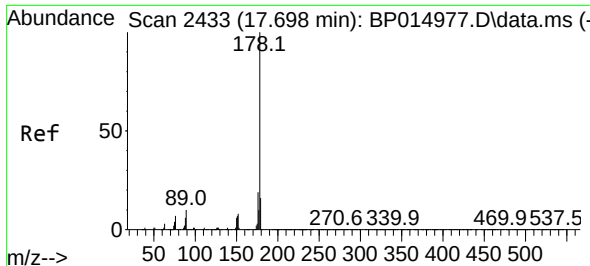
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#72
Phenanthrene
Concen: 7.689 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

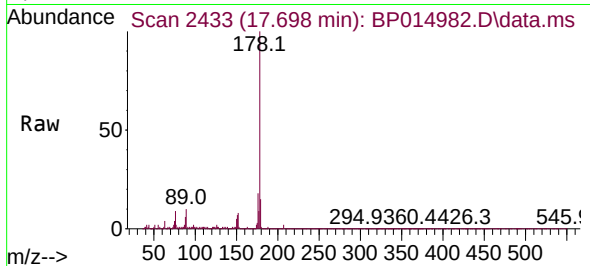
Tgt Ion:178 Resp: 916918
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.4 15.4 23.0





#74
 Anthracene
 Concen: 2.176 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BP014982.D
 Acq: 05 May 2023 14:15

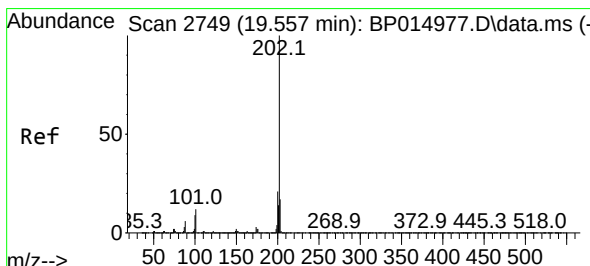
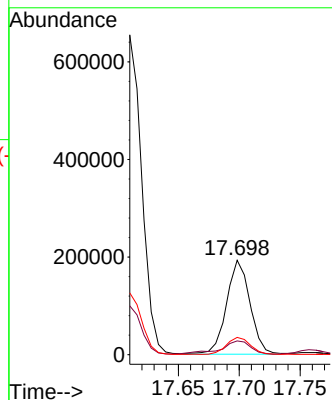
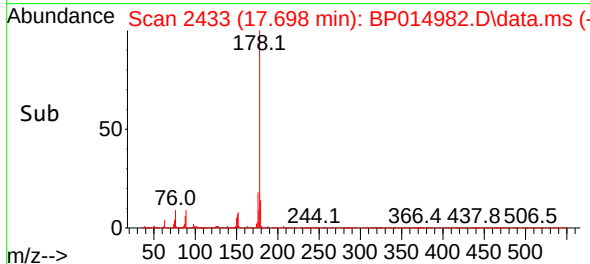
Instrument :
 BNA_P
 ClientSampleId :
 EW943DL



Tgt Ion:178 Resp: 258358
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.6 18.8
 176 18.4 15.0 22.4

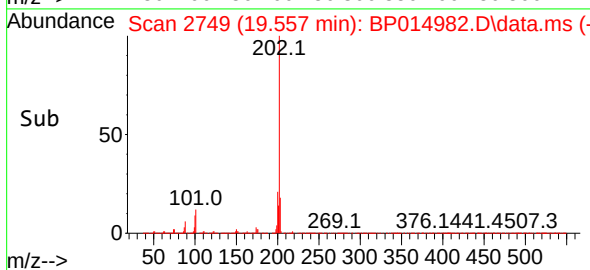
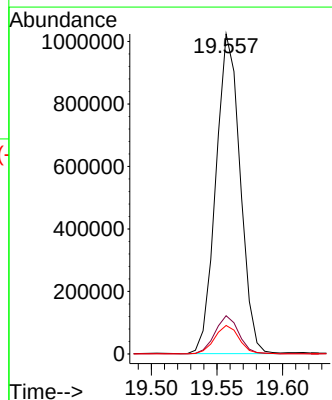
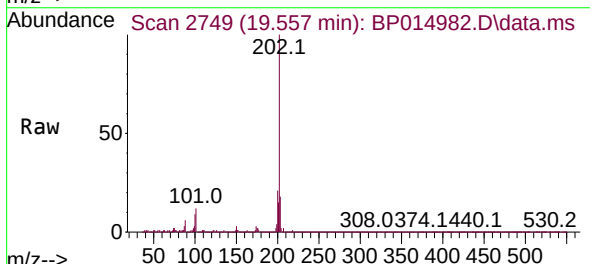
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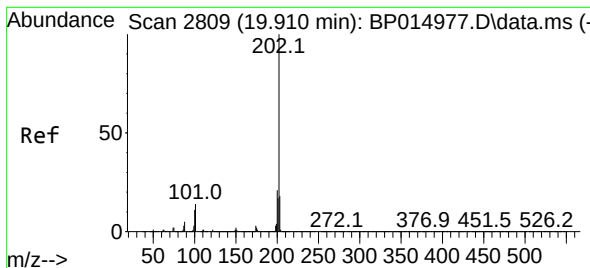
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#80
 Fluoranthene
 Concen: 9.513 ng/ul
 RT: 19.557 min Scan# 2749
 Delta R.T. 0.000 min
 Lab File: BP014982.D
 Acq: 05 May 2023 14:15

Tgt Ion:202 Resp: 1316032
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.1 15.1
 100 8.9 7.7 11.5





#82

Pyrene

Concen: 6.811 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

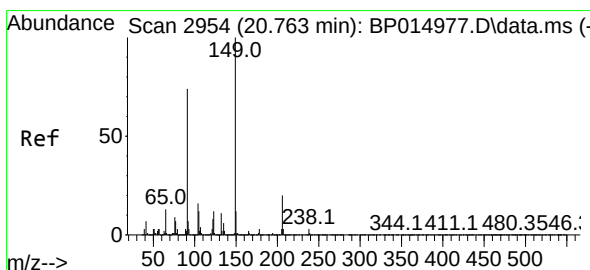
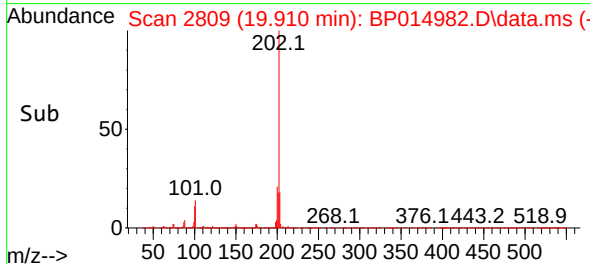
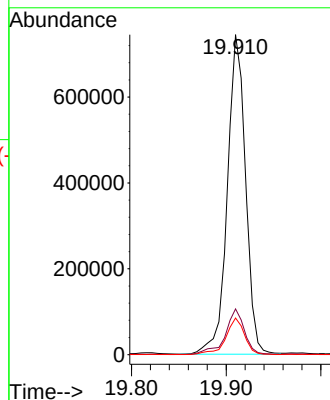
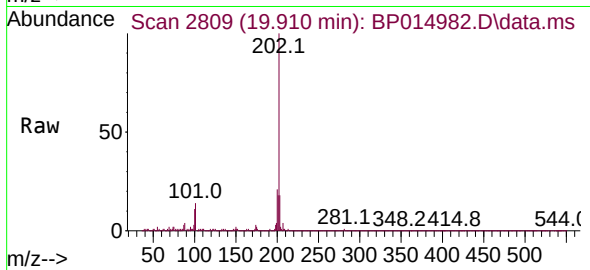
EW943DL

Tgt Ion:	202	Resp:	998319
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.9	17.9
100	11.4	9.7	14.5

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#83

Butylbenzylphthalate

Concen: 3.763 ng/ul

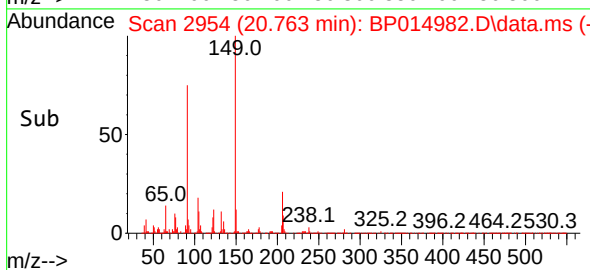
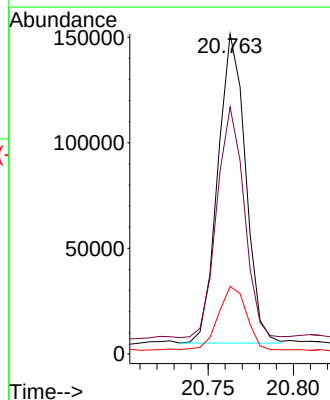
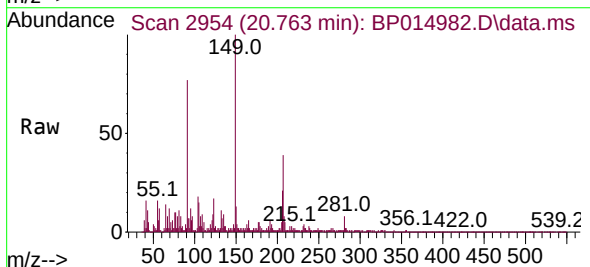
RT: 20.763 min Scan# 2954

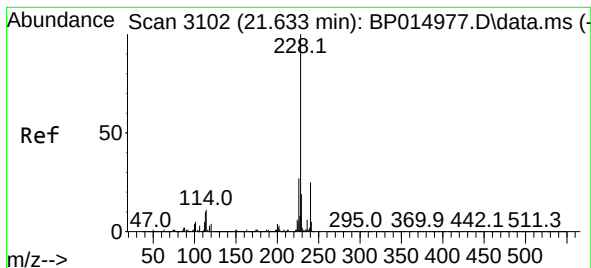
Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Tgt Ion:	149	Resp:	165600
Ion Ratio	Lower	Upper	
149	100		
91	77.1	60.1	90.1
206	21.1	16.0	24.0





#85

Benzo(a)anthracene

Concen: 4.733 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

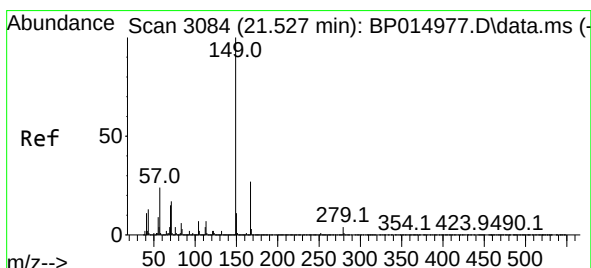
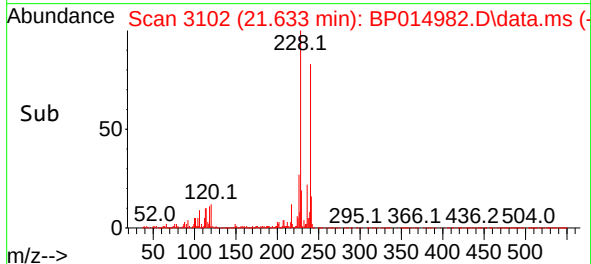
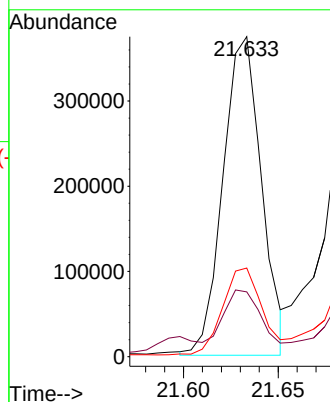
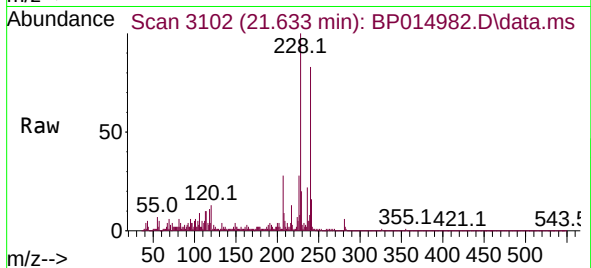
EW943DL

Tgt Ion:228	Resp: 528069
Ion Ratio	Lower Upper
228 100	
229 20.3	15.9 23.9
226 27.7	22.1 33.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.553 ng/ul

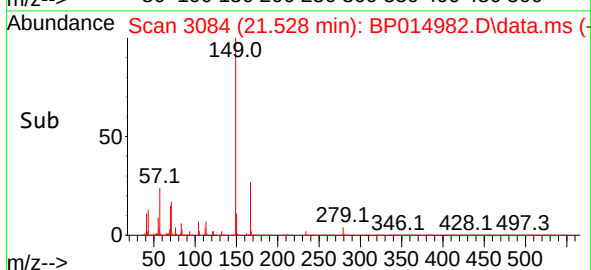
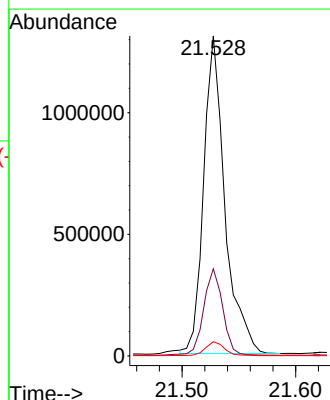
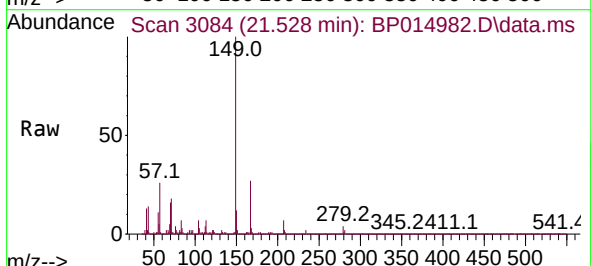
RT: 21.528 min Scan# 3084

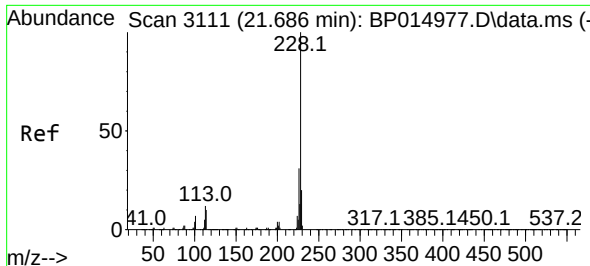
Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Tgt Ion:149	Resp: 1691721
Ion Ratio	Lower Upper
149 100	
167 27.3	22.0 33.0
279 4.5	2.9 4.3





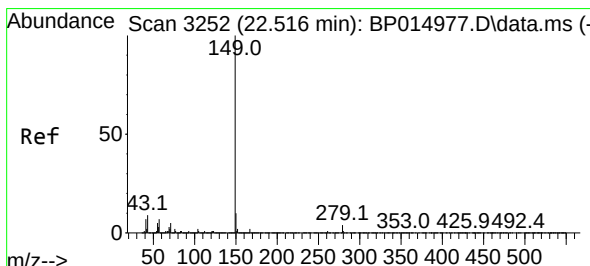
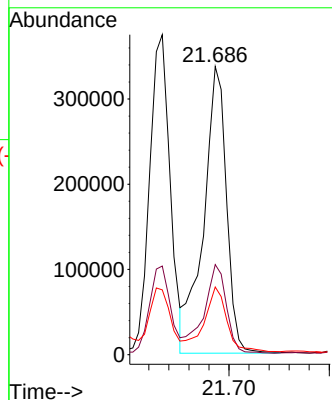
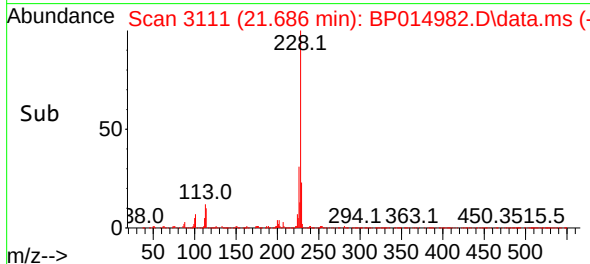
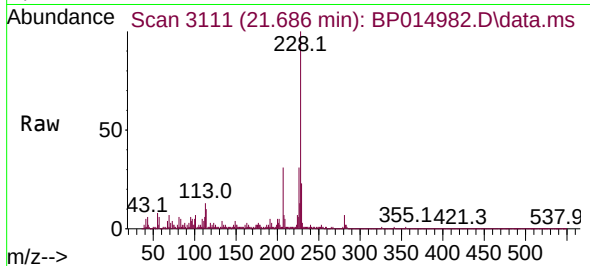
#87
Chrysene
Concen: 4.763 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Instrument :
BNA_P
ClientSampleId :
EW943DL

Tgt Ion:228 Resp: 53504
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 23.5 15.8 23.8

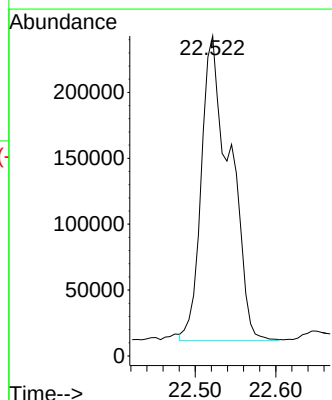
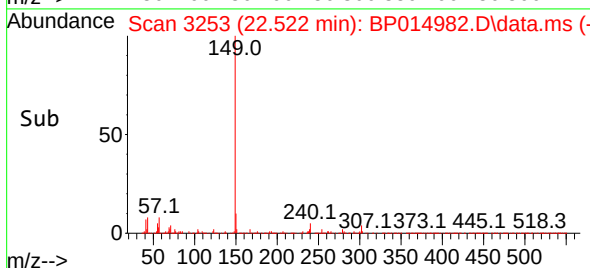
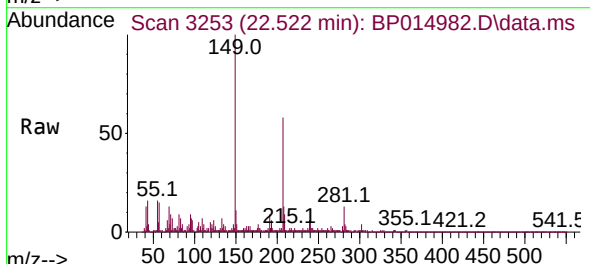
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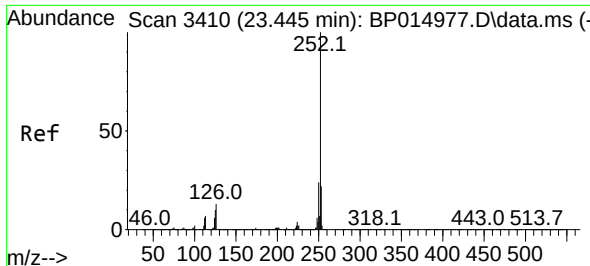
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#89
Di-n-octyl phthalate
Concen: 6.419 ng/ul m
RT: 22.522 min Scan# 3253
Delta R.T. 0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Tgt Ion:149 Resp: 574377





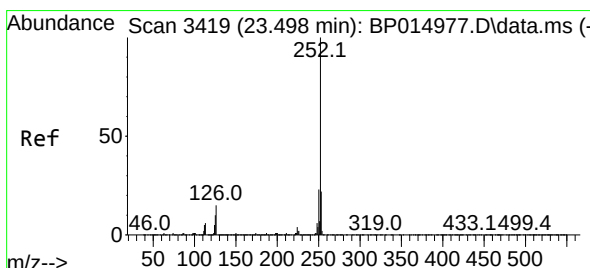
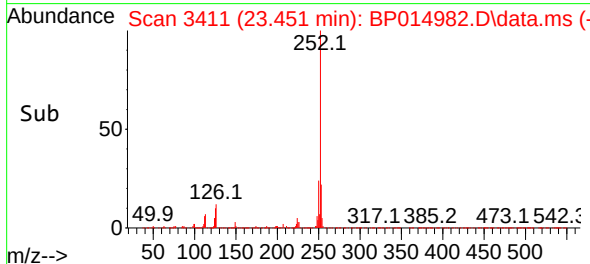
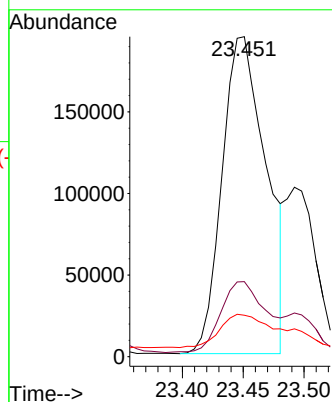
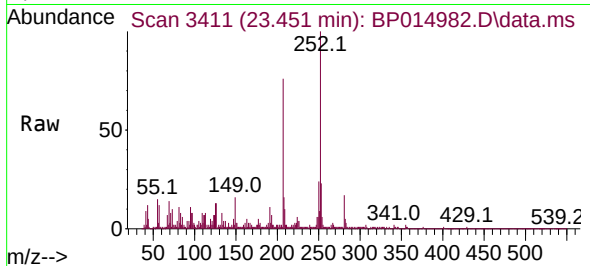
#90
Benzo(b)fluoranthene
Concen: 4.951 ng/ul
RT: 23.451 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Instrument :
BNA_P
ClientSampleId :
EW943DL

Tgt Ion:252 Resp: 490350
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 13.0 8.4 12.6

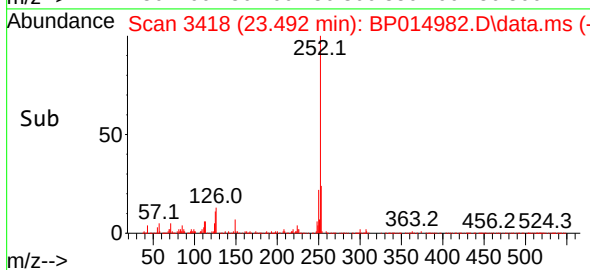
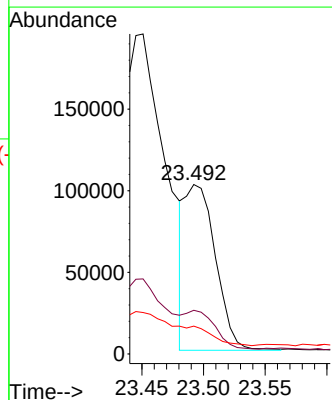
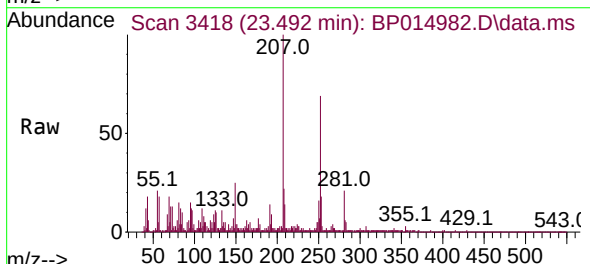
Manual Integrations
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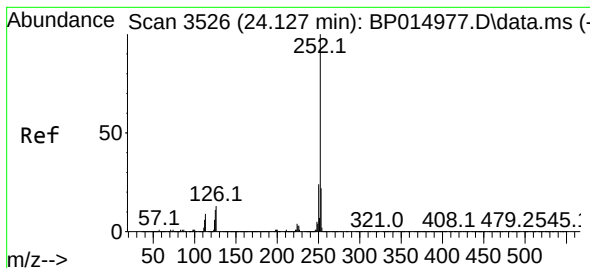
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#91
Benzo(k)fluoranthene
Concen: 1.741 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP014982.D
Acq: 05 May 2023 14:15

Tgt Ion:252 Resp: 175468
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.6
125 16.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 3.351 ng/ul

RT: 24.133 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Instrument :

BNA_P

ClientSampleId :

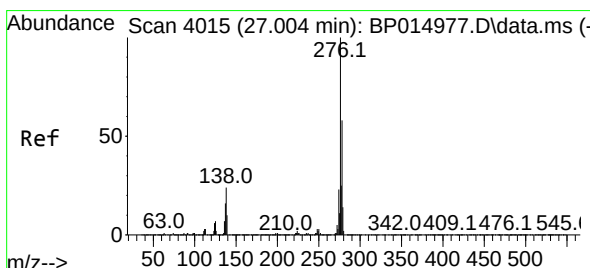
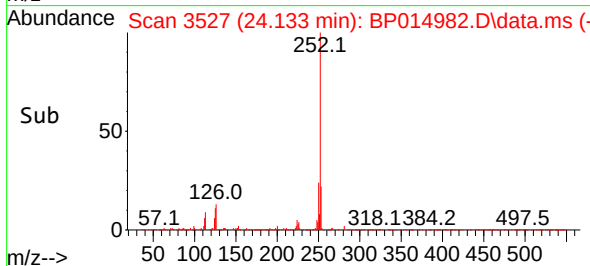
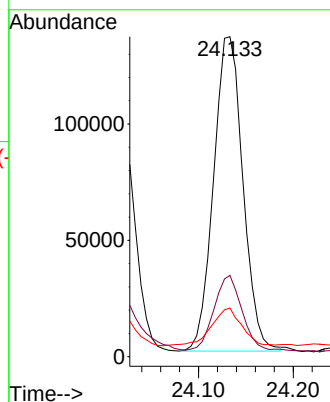
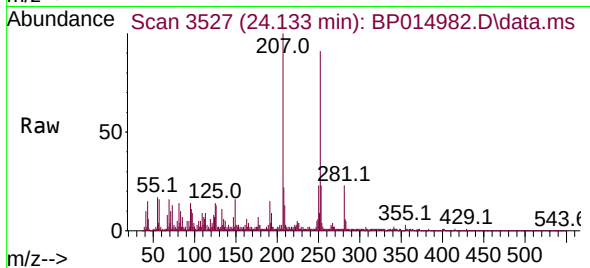
EW943DL

Tgt Ion:	252	Resp:	291018
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	15.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.640 ng/ul

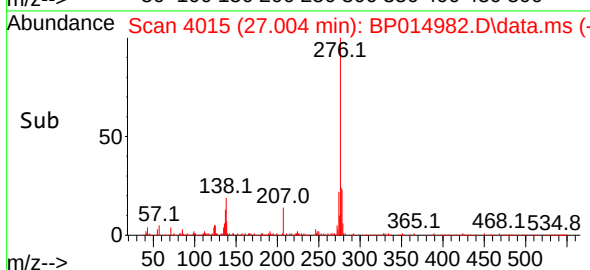
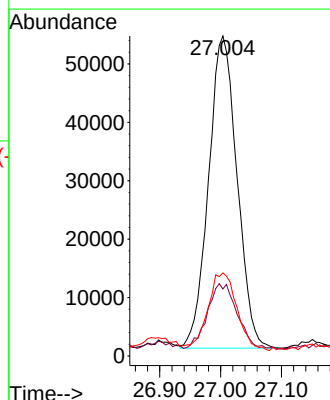
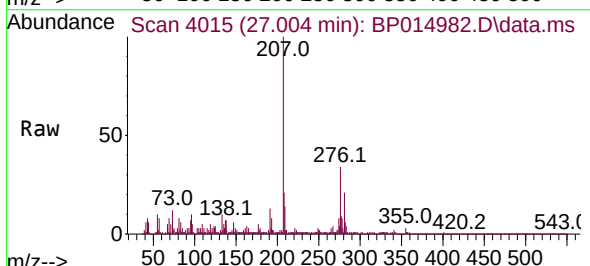
RT: 27.004 min Scan# 4015

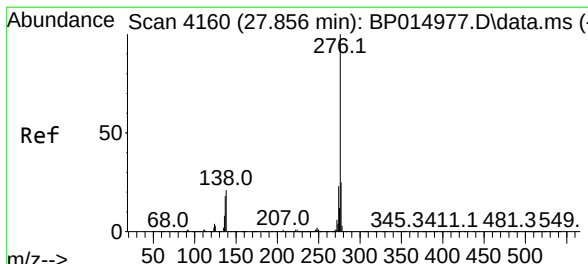
Delta R.T. 0.000 min

Lab File: BP014982.D

Acq: 05 May 2023 14:15

Tgt Ion:	276	Resp:	173788
Ion Ratio	Lower	Upper	
276	100		
138	27.6	19.4	29.0
277	26.0	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.636 ng/ul
 RT: 27.862 min Scan# 4161
 Delta R.T. 0.006 min
 Lab File: BP014982.D
 Acq: 05 May 2023 14:15

Instrument : BNA_P
 ClientSampleId : EW943DL

Tgt Ion:	276	Resp:	14756
Ion Ratio	Lower	Upper	
276	100		
138	22.2	18.0	27.0
277	25.8	19.8	29.8

Manual Integrations
APPROVED
 Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

