

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
 Data File : BP014992.D
 Acq On : 08 May 2023 13:09
 Operator : CG/JU
 Sample : 02479-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW943DL

Quant Time: May 08 23:08:40 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

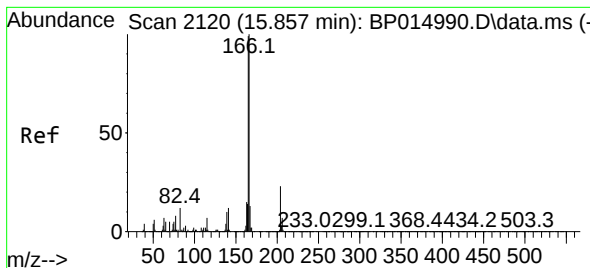
Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	348863	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	1591127	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1012732	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.568	188	2071094	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1188194	20.000	ng/u1	0.00
88) Perylene-d12	24.250	264	1193713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	2112	0.225	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.310	99	30650	1.013	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	21574	1.154	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	24752	1.113	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	22575	0.969	ng/u1	0.00
21) Nitrobenzene-d5	9.339	128	12561	1.110	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	12295	1.058	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	23247	1.019	ng/u1	0.00
31) 4-Chloroaniline-d4	11.145	131	10387	0.315	ng/u1	0.01
46) Dimethylphthalate-d6	14.210	166	95195	1.328	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	104213	1.212	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.798	176	83504	1.354	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	5066	0.435	ng/u1	0.00
73) Anthracene-d10	17.663	188	125877	1.353	ng/u1	0.00
81) Pyrene-d10	19.880	212	125238	1.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	78899	1.357	ng/u1	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.857	166	88102	1.227	ng/u1	98
72) Phenanthrene	17.610	178	869893	7.603	ng/u1	100
74) Anthracene	17.698	178	234135	2.055	ng/u1	99
80) Fluoranthene	19.557	202	1120691	11.397	ng/u1	99
82) Pyrene	19.909	202	832379	7.990	ng/u1	98
83) Butylbenzylphthalate	20.762	149	130148	4.161	ng/u1	96
85) Benzo(a)anthracene	21.627	228	358016	4.514	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1294316	32.886	ng/u1	100
87) Chrysene	21.686	228	359507	4.502	ng/u1	97
89) Di-n-octyl phthalate	22.521	149	350758m	5.032	ng/u1	
90) Benzo(b)fluoranthene	23.445	252	350335	4.541	ng/u1	96
91) Benzo(k)fluoranthene	23.498	252	125965m	1.604	ng/u1	
93) Benzo(a)pyrene	24.127	252	223872	3.309	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.003	276	151810	1.839	ng/u1	96
96) Benzo(g,h,i)perylene	27.850	276	132843	1.891	ng/u1	99

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



#61

Fluorene

Concen: 1.227 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. -0.000 min

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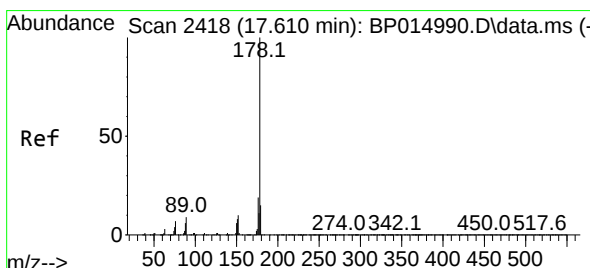
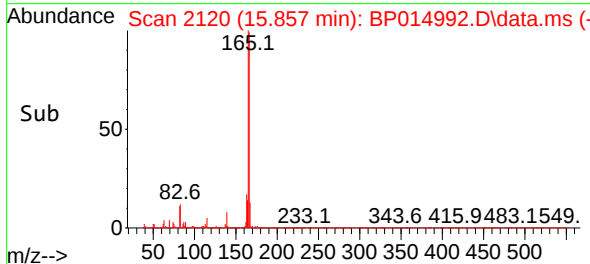
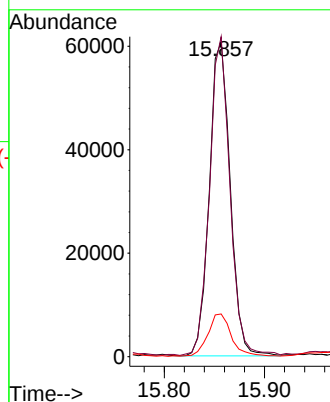
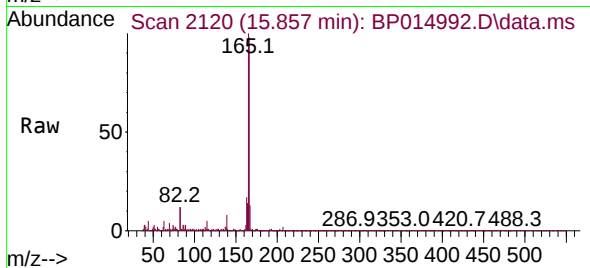
EW943DL

Tgt Ion:	166	Resp:	8810
Ion Ratio	Lower	Upper	
166	100		
165	101.5	79.3	118.9
167	13.5	10.7	16.1

Manual Integrations

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#72

Phenanthrene

Concen: 7.603 ng/ul

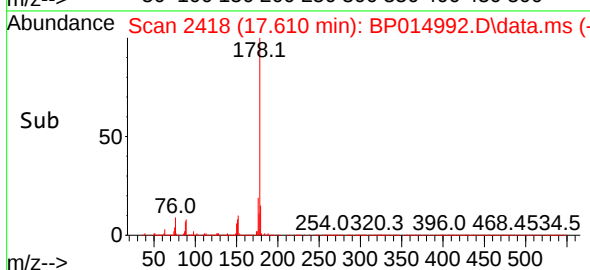
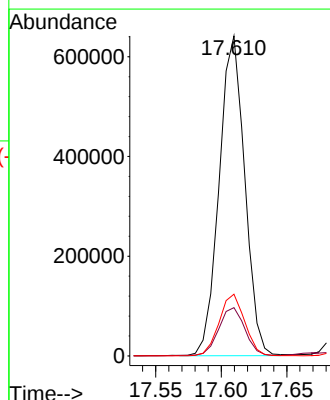
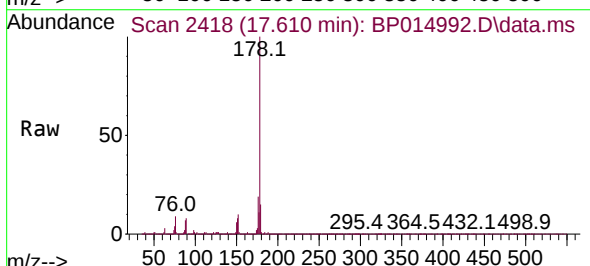
RT: 17.610 min Scan# 2418

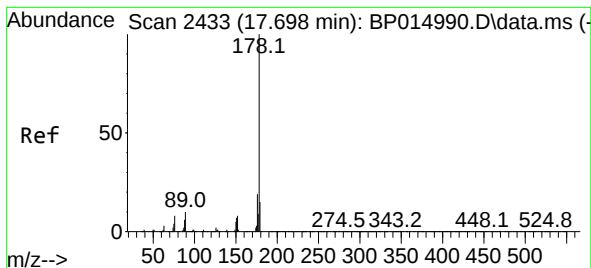
Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Tgt Ion:	178	Resp:	869893
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.4
176	19.3	15.4	23.0





#74

Anthracene

Concen: 2.055 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNP_P

ClientSampleId :

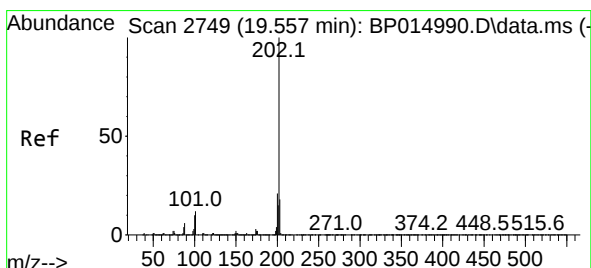
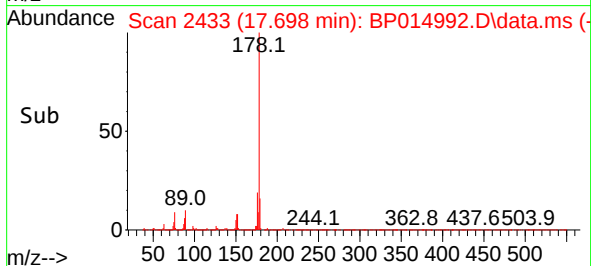
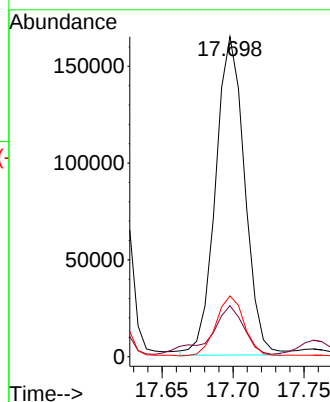
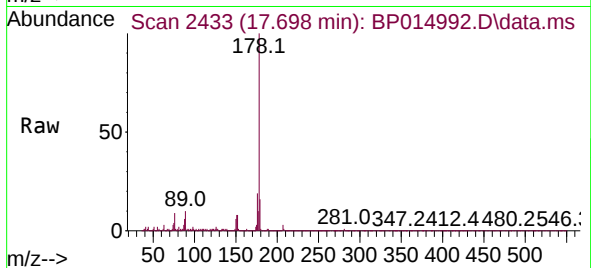
EW943DL

Tgt Ion:178	Resp: 23413
Ion Ratio	Lower Upper
178 100	
179 16.0	12.6 18.8
176 19.0	15.0 22.4

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#80

Fluoranthene

Concen: 11.397 ng/ul

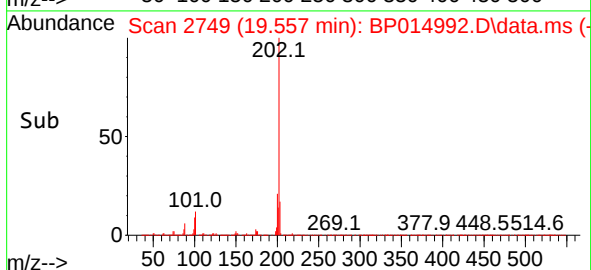
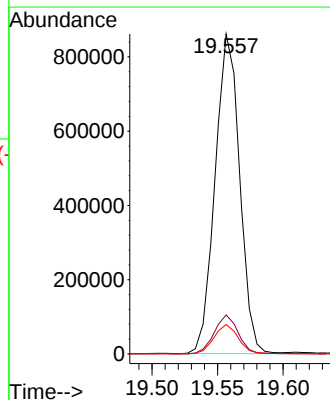
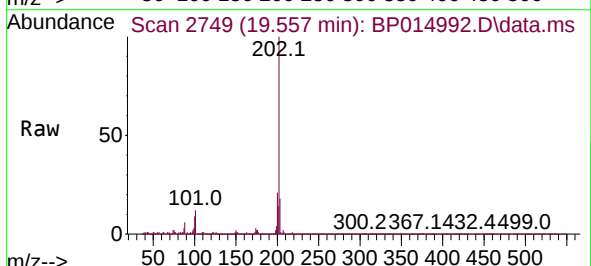
RT: 19.557 min Scan# 2749

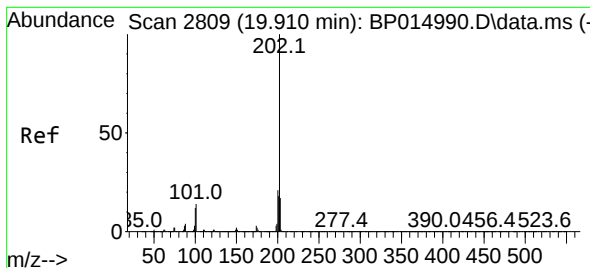
Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Tgt Ion:202	Resp: 1120691
Ion Ratio	Lower Upper
202 100	
101 12.2	10.1 15.1
100 9.2	7.7 11.5





#82

Pyrene

Concen: 7.990 ng/ul

RT: 19.909 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL

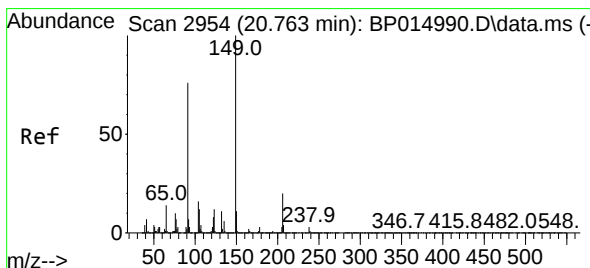
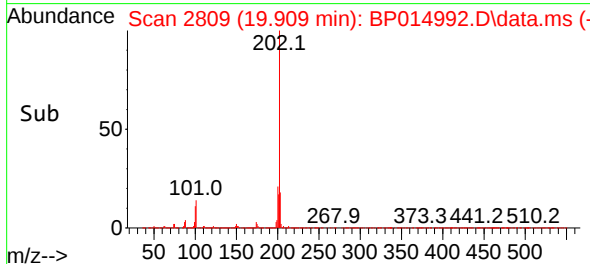
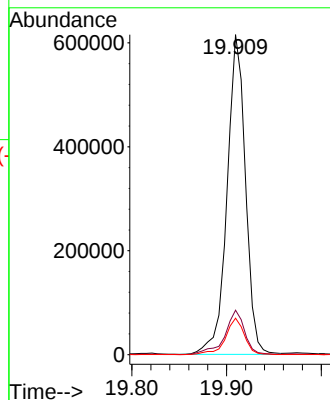
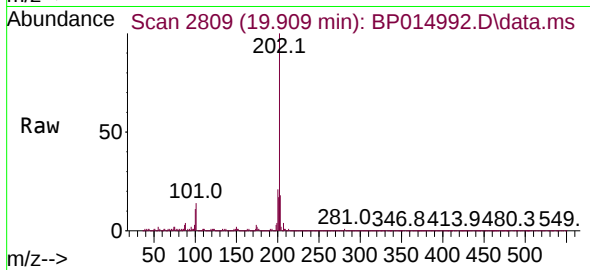
Tgt Ion:202	Resp: 832379
Ion Ratio	Lower Upper
202 100	
101 13.9	11.9 17.9
100 11.4	9.7 14.5

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 4.161 ng/ul

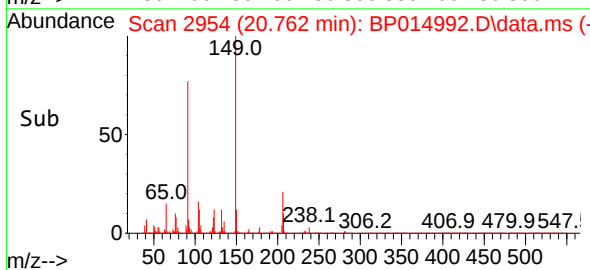
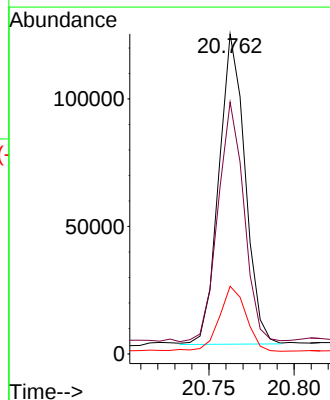
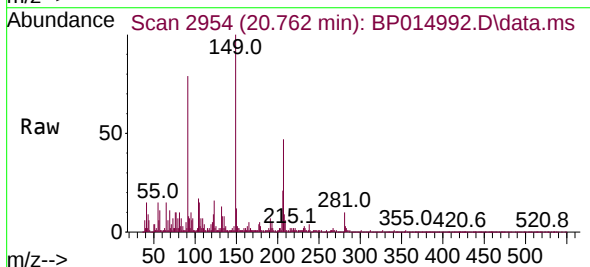
RT: 20.762 min Scan# 2954

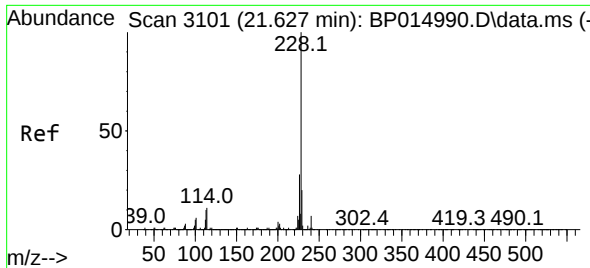
Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Tgt Ion:149	Resp: 130148
Ion Ratio	Lower Upper
149 100	
91 78.7	60.1 90.1
206 21.1	16.0 24.0





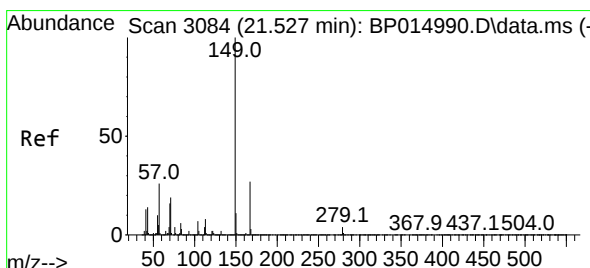
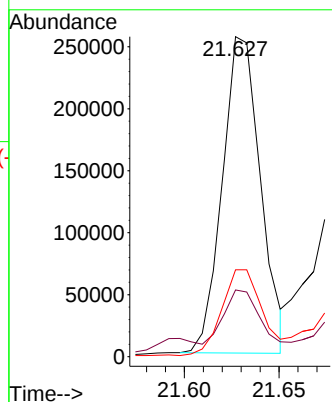
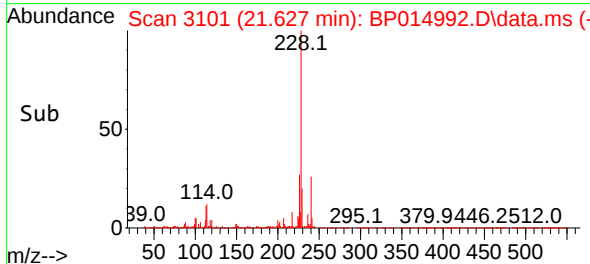
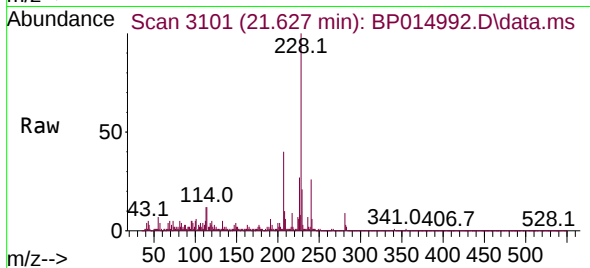
#85
Benzo(a)anthracene
Concen: 4.514 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

Instrument :
BNA_P
ClientSampleId :
EW943DL

Tgt Ion:228 Resp: 358010
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 27.1 22.1 33.1

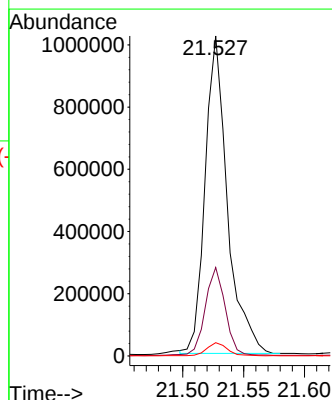
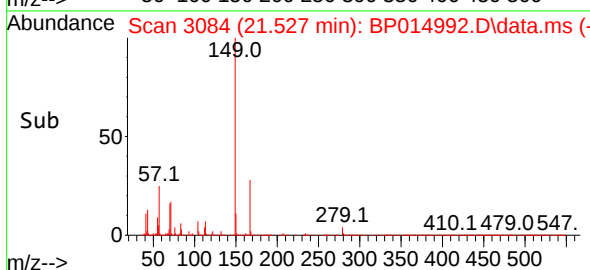
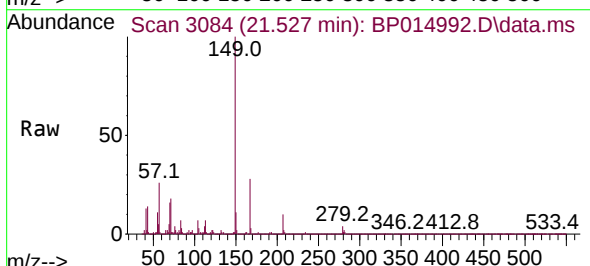
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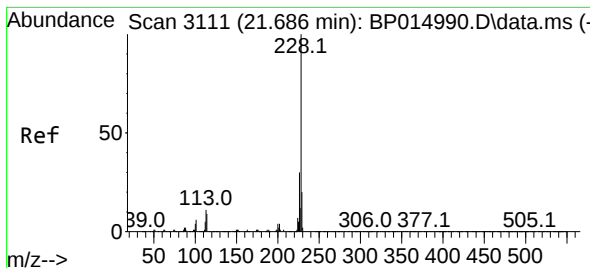
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.886 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

Tgt Ion:149 Resp: 1294316
Ion Ratio Lower Upper
149 100
167 27.7 22.0 33.0
279 4.1 2.9 4.3





#87

Chrysene

Concen: 4.502 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

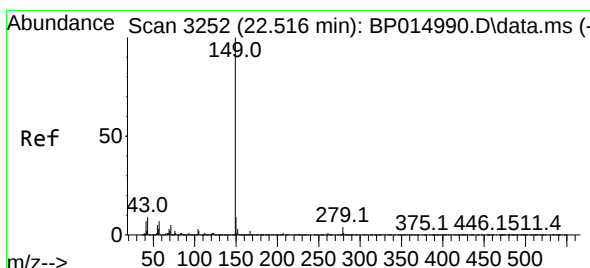
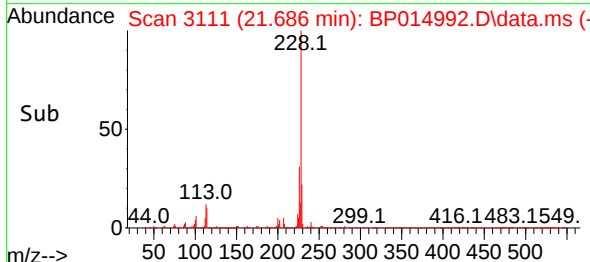
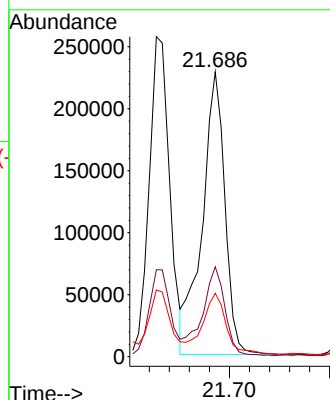
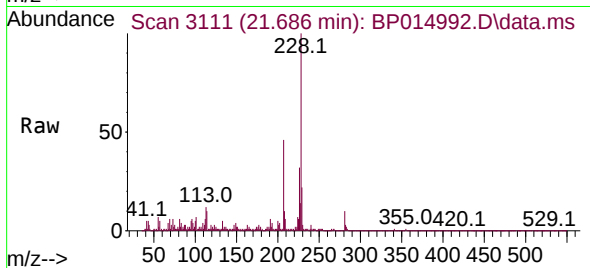
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Tgt Ion:228 Resp: 359507
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 22.3 15.8 23.8

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#89

Di-n-octyl phthalate

Concen: 5.032 ng/ul m

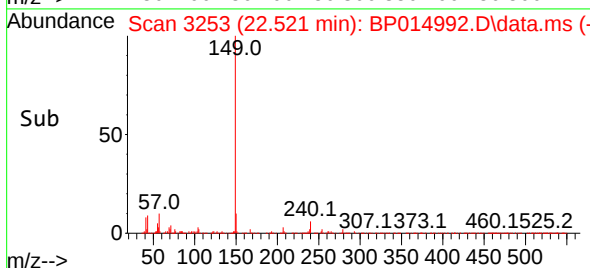
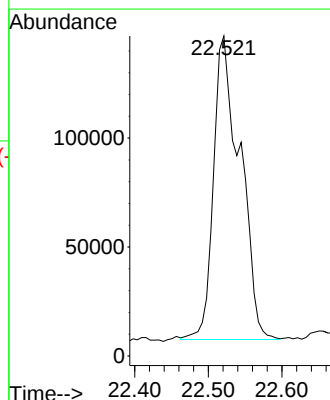
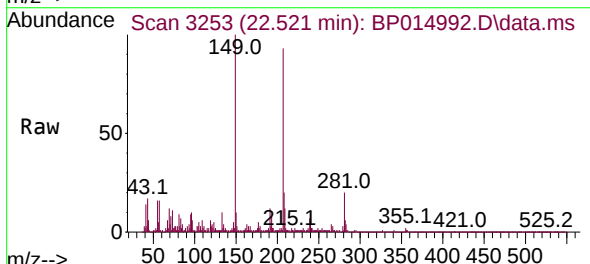
RT: 22.521 min Scan# 3253

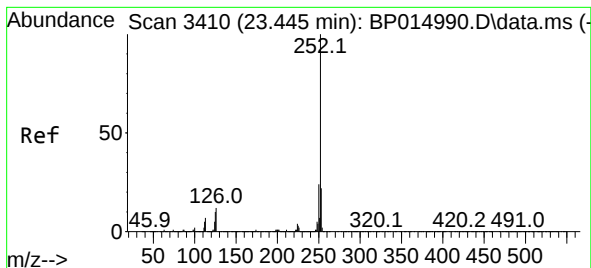
Delta R.T. 0.006 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Tgt Ion:149 Resp: 350758





#90

Benzo(b)fluoranthene

Concen: 4.541 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

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EW943DL

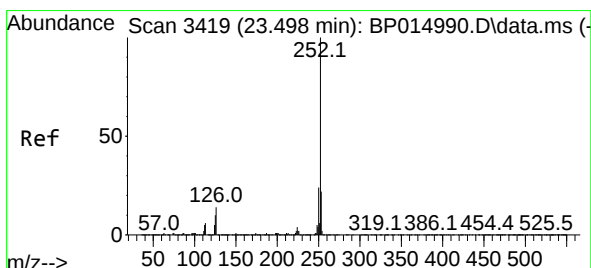
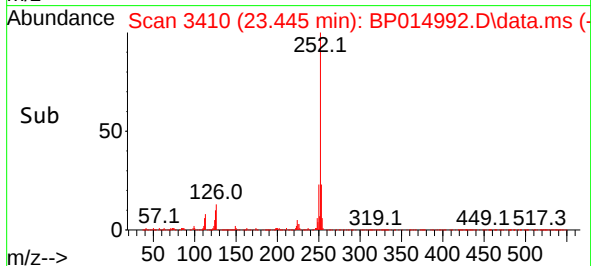
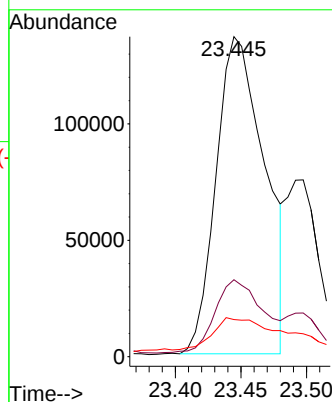
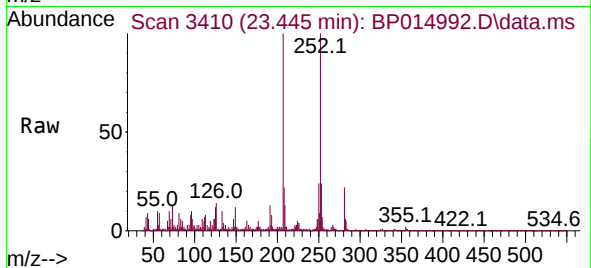
Tgt Ion:	252	Resp:	35033
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.4	26.2
125	11.6	8.4	12.6

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#91

Benzo(k)fluoranthene

Concen: 1.604 ng/ul m

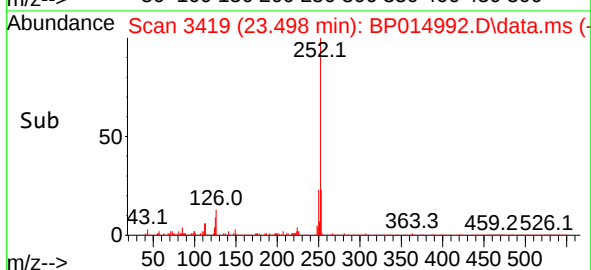
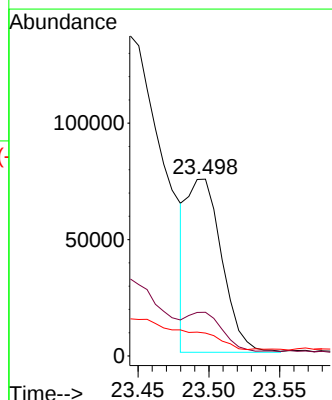
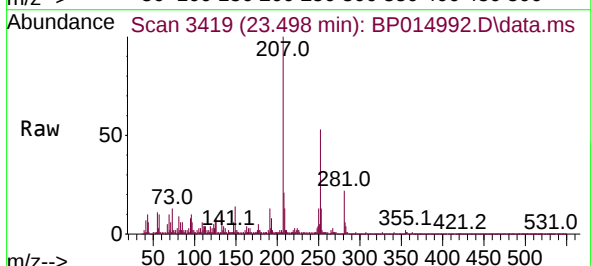
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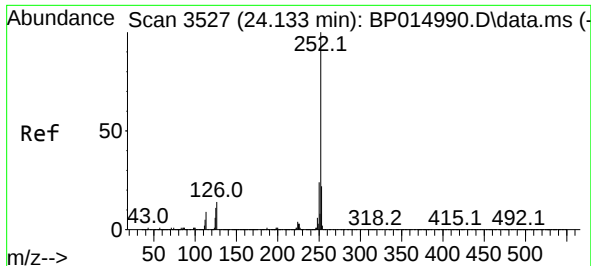
Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

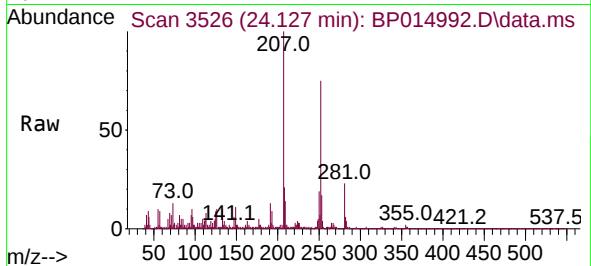
Tgt Ion:	252	Resp:	125965
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.6
125	12.9	8.9	13.3





#93
Benzo(a)pyrene
Concen: 3.309 ng/ul
RT: 24.127 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

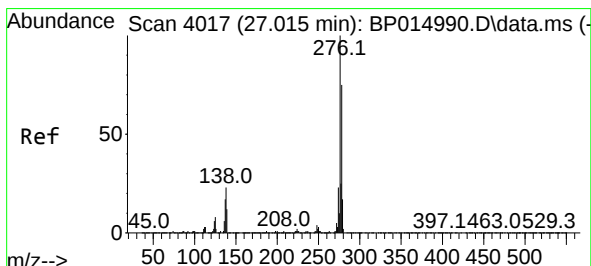
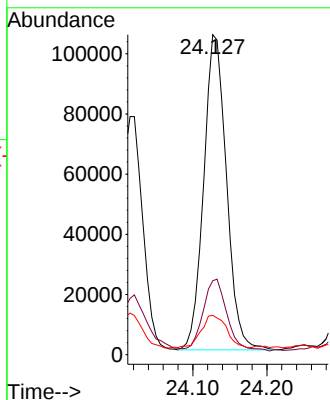
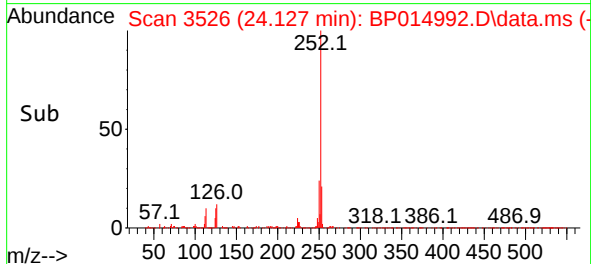
Instrument :
BNA_P
ClientSampleId :
EW943DL



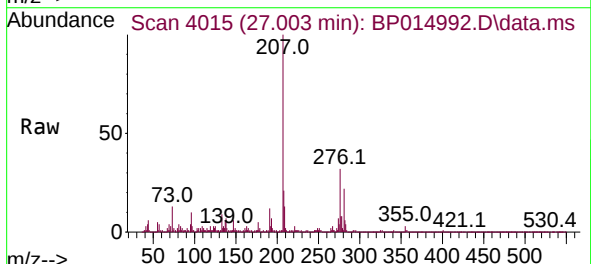
Tgt Ion:252 Resp: 223872
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.3 9.4 14.2

Manual Integrations
APPROVED

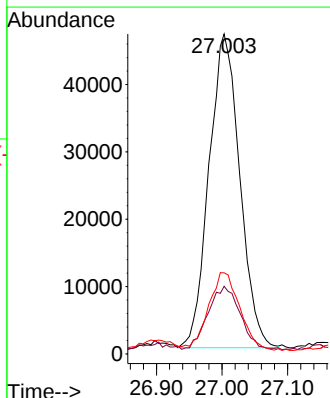
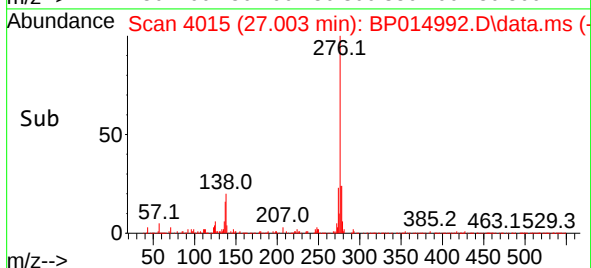
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

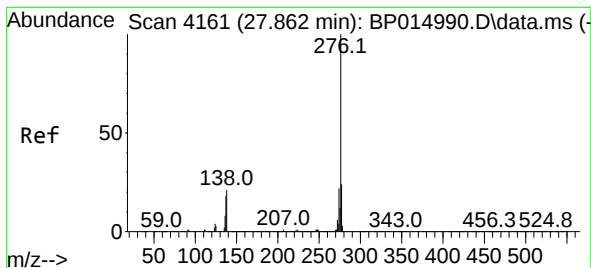


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.839 ng/ul
RT: 27.003 min Scan# 4015
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09



Tgt Ion:276 Resp: 151810
Ion Ratio Lower Upper
276 100
138 21.1 19.4 29.0
277 25.4 19.4 29.2





#96

Benzo(g,h,i)perylene

Concen: 1.891 ng/ul

RT: 27.850 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP014992.D

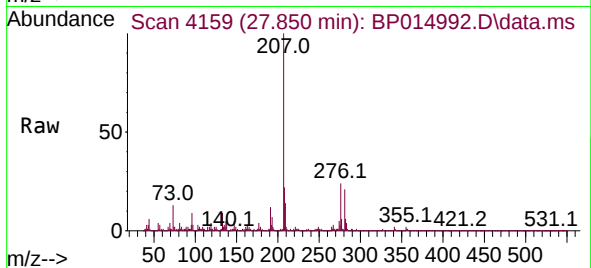
Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL



Tgt Ion:276 Resp: 13284

Ion Ratio Lower Upper

276 100

138 21.3 18.0 27.0

277 24.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

