

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014949.D
 Acq On : 04 May 2023 13:20
 Operator : CG/JU
 Sample : 02447-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW934

Manual Integrations
 APPROVED

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

Quant Time: May 04 23:36:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	249663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	884791	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	461826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	976565	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	998103	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1219267	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	13178	1.963	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.310	99	194588	8.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	128222	9.584	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	161194	10.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	125019	7.495	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	69458	11.038	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	71972	11.138	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	123504	9.734	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	57473	3.132	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	371491	11.366	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	452786	11.551	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	17530	3.083	ng/u1	0.00
60) Fluorene-d10	15.798	176	334368	11.890	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	17756	3.230	ng/u1	0.00
73) Anthracene-d10	17.663	188	539314	12.291	ng/u1	0.00
81) Pyrene-d10	19.880	212	697017	10.354	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	757921	12.758	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	34099	1.250	ng/u1	97
72) Phenanthrene	17.604	178	84836	1.572	ng/u1	96
78) Di-n-butylphthalate	18.492	149	56985	1.128	ng/u1#	97
80) Fluoranthene	19.557	202	229985	2.784	ng/u1	99
82) Pyrene	19.910	202	254343	2.906	ng/u1	100
83) Butylbenzylphthalate	20.763	149	52401	1.994	ng/u1	91
85) Benzo(a)anthracene	21.627	228	177786	2.669	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.527	149	958683	28.997	ng/u1#	99
87) Chrysene	21.686	228	192211	2.865	ng/u1#	94
90) Benzo(b)fluoranthene	23.445	252	397018	5.038	ng/u1#	89
91) Benzo(k)fluoranthene	23.492	252	121132m	1.510	ng/u1	
93) Benzo(a)pyrene	24.127	252	238581	3.452	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.998	276	280224	3.324	ng/u1	96
96) Benzo(g,h,i)perylene	27.856	276	348333	4.855	ng/u1	100

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

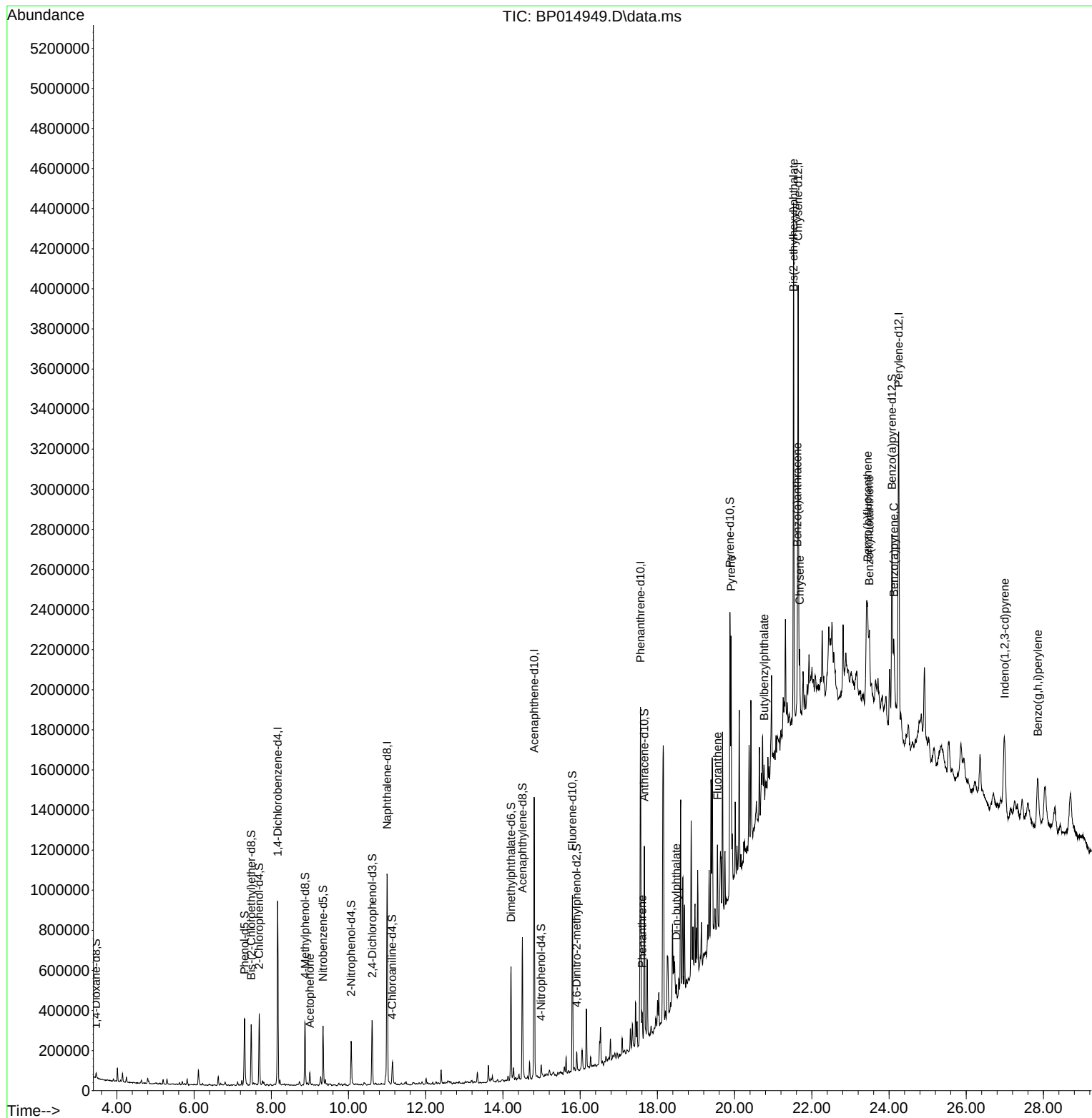
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014949.D
Acq On : 04 May 2023 13:20
Operator : CG/JU
Sample : 02447-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

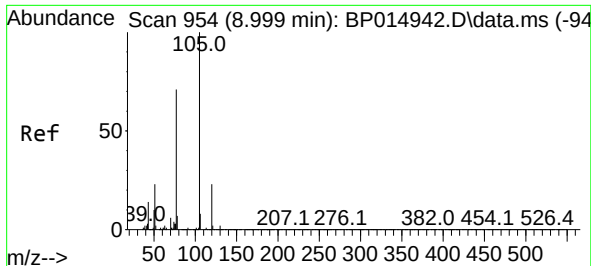
Instrument :
BNA_P
ClientSampleId :
EW934

Quant Time: May 04 23:36:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

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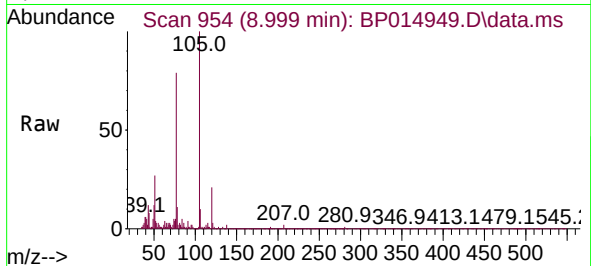
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023





#16
Acetophenone
Concen: 1.250 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

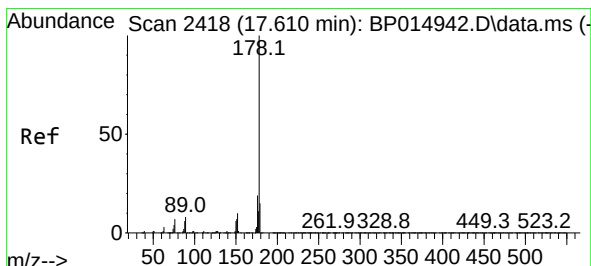
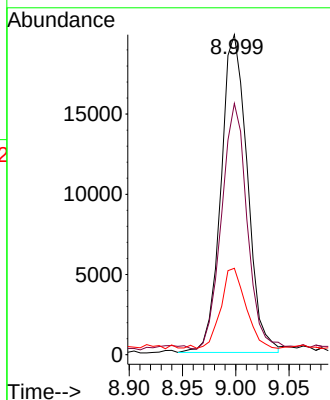
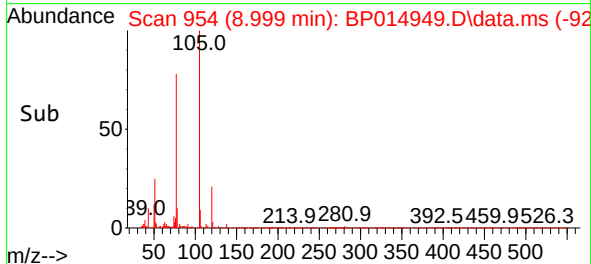
Instrument :
BNA_P
ClientSampleId :
EW934



Tgt Ion:105 Resp: 34099
Ion Ratio Lower Upper
105 100
77 78.5 61.2 91.8
51 27.0 19.4 29.2

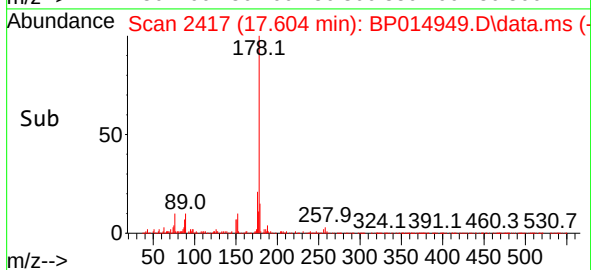
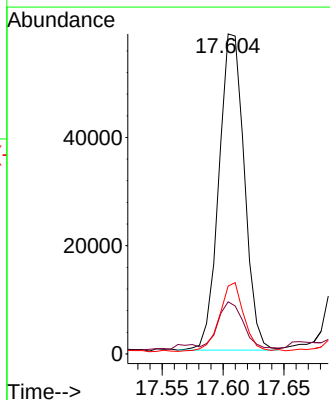
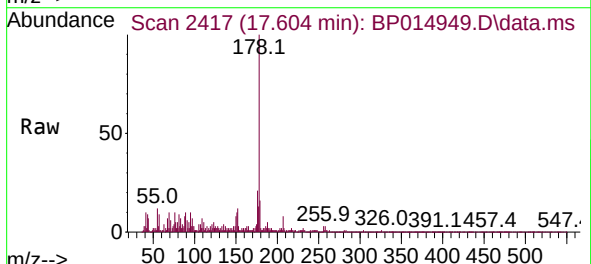
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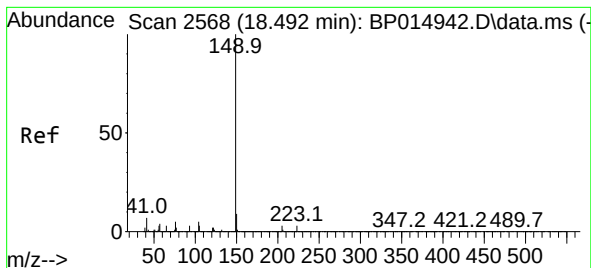
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Phenanthrene
Concen: 1.572 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

Tgt Ion:178 Resp: 84836
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 21.2 15.4 23.0





#78

Di-n-butylphthalate

Concen: 1.128 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

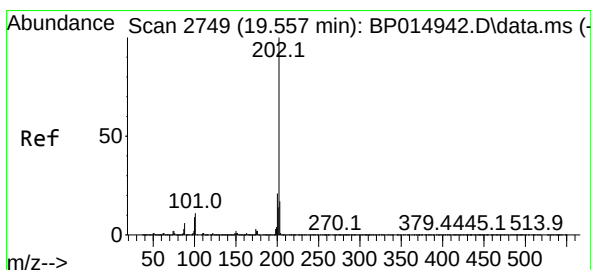
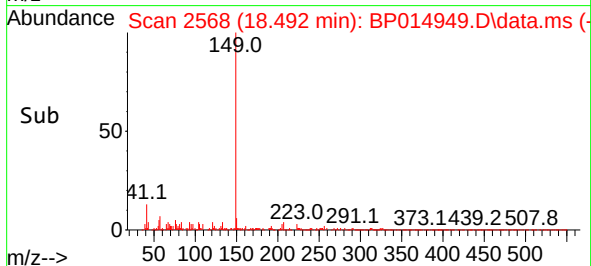
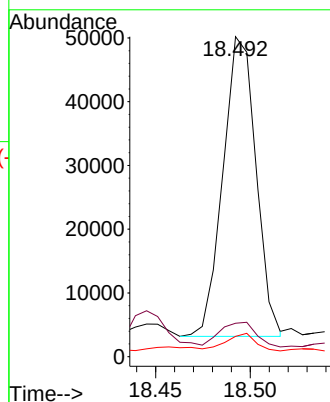
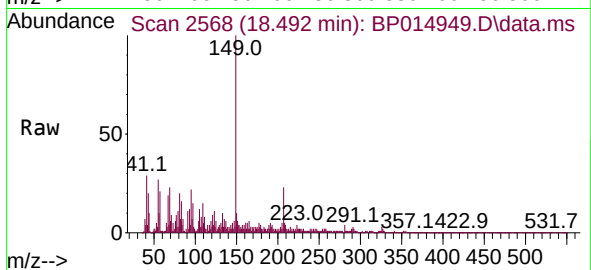
EW934

Tgt Ion:	149	Resp:	5698
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.4	11.2
104	6.4	4.1	6.1

Manual Integrations

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#80

Fluoranthene

Concen: 2.784 ng/ul

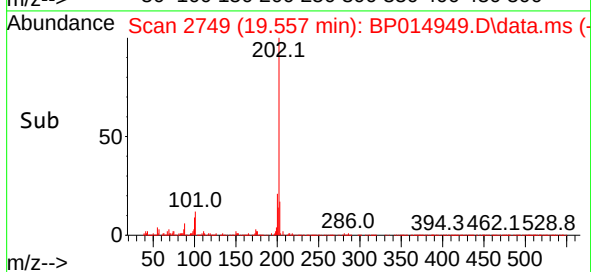
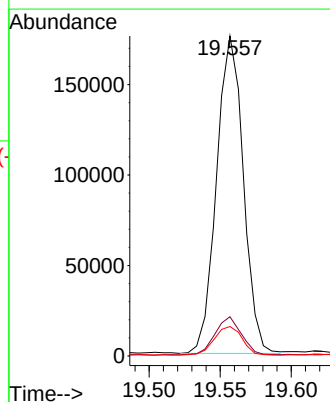
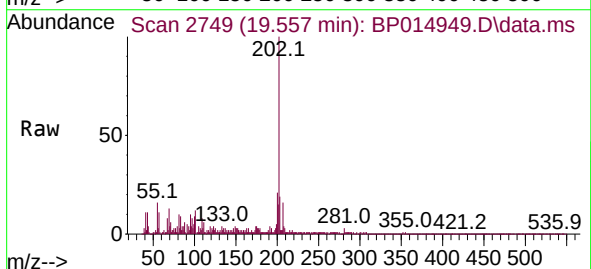
RT: 19.557 min Scan# 2749

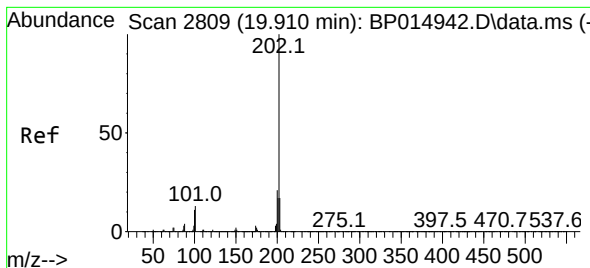
Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Tgt Ion:	202	Resp:	229985
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.1	15.1
100	9.2	7.7	11.5





#82

Pyrene

Concen: 2.906 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

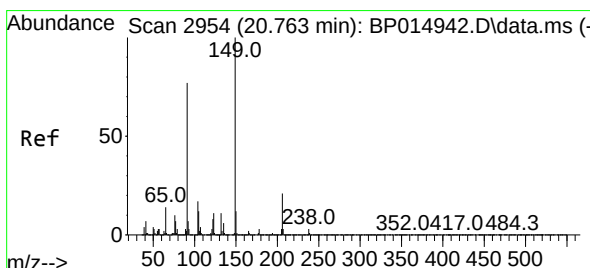
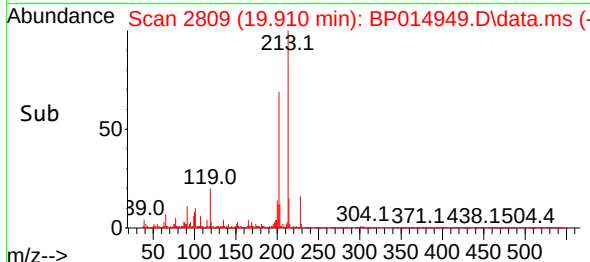
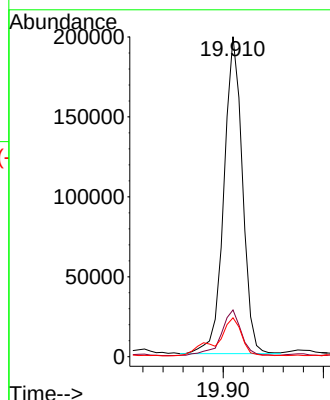
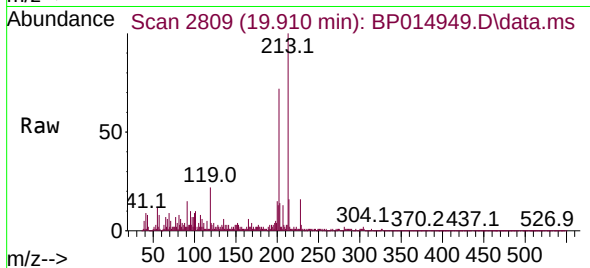
EW934

Tgt Ion:	202	Resp:	25434
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.9	17.9
100	12.1	9.7	14.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#83

Butylbenzylphthalate

Concen: 1.994 ng/ul

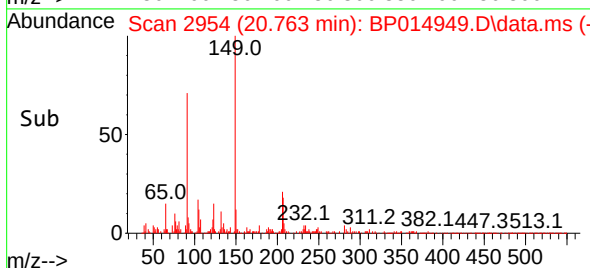
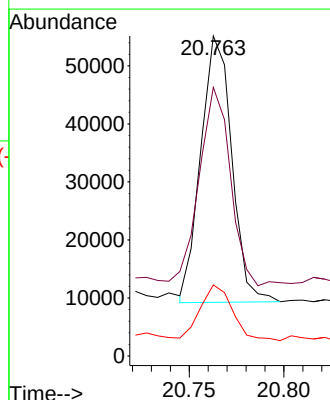
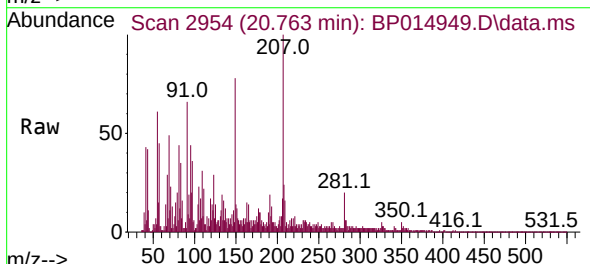
RT: 20.763 min Scan# 2954

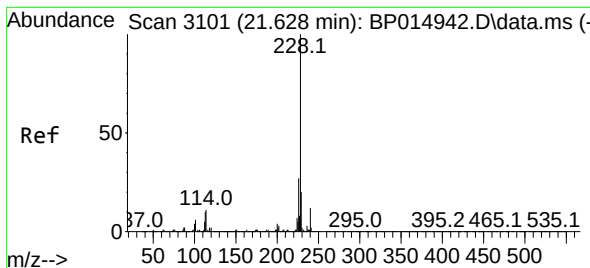
Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Tgt Ion:	149	Resp:	52401
Ion Ratio	Lower	Upper	
149	100		
91	83.9	60.1	90.1
206	22.2	16.0	24.0





#85

Benzo(a)anthracene

Concen: 2.669 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

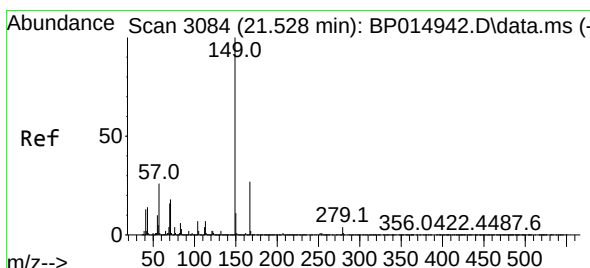
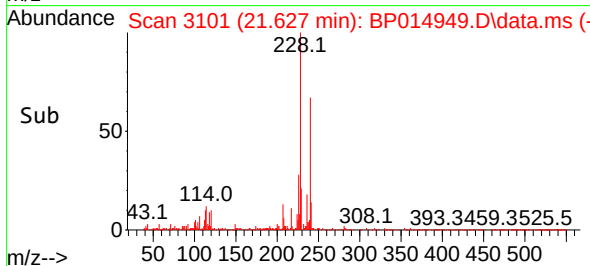
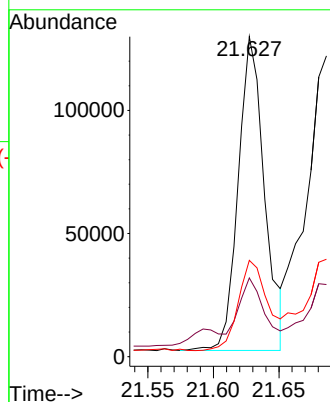
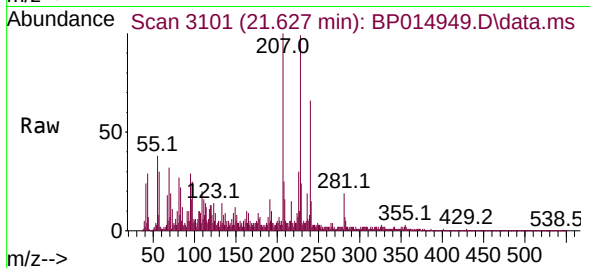
EW934

Tgt Ion:	228	Resp:	177780
Ion Ratio	Lower	Upper	
228	100		
229	24.6	15.9	23.9
226	30.1	22.1	33.1

Manual Integrations

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.997 ng/ul

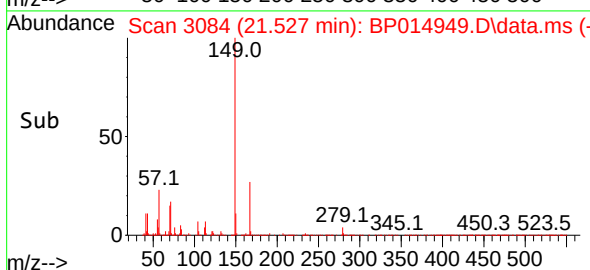
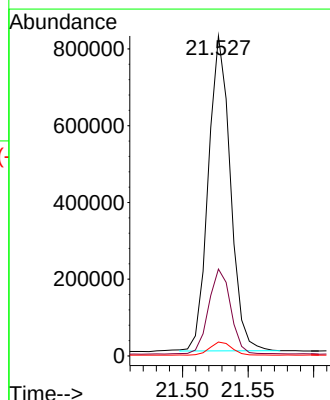
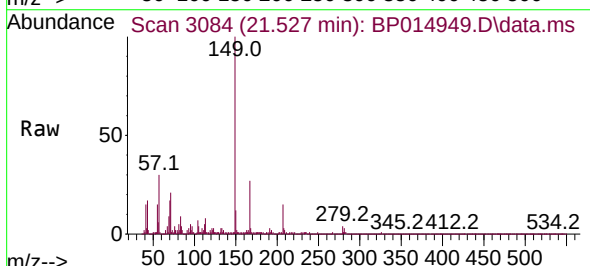
RT: 21.527 min Scan# 3084

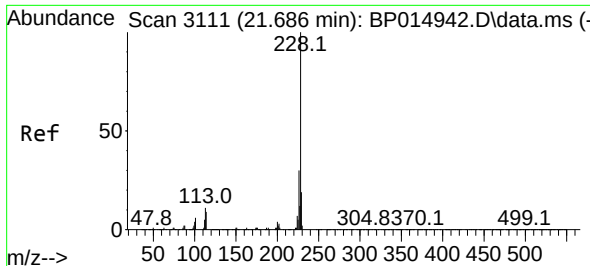
Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

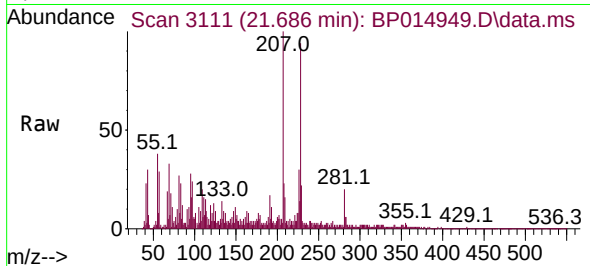
Tgt Ion:	149	Resp:	958683
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.0	33.0
279	4.3	2.9	4.3





#87
Chrysene
Concen: 2.865 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

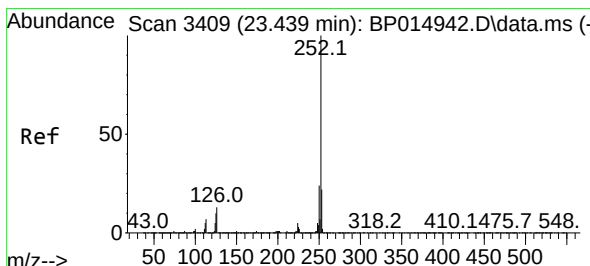
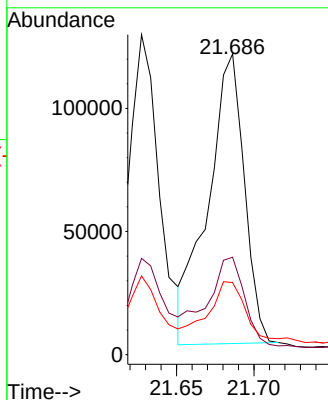
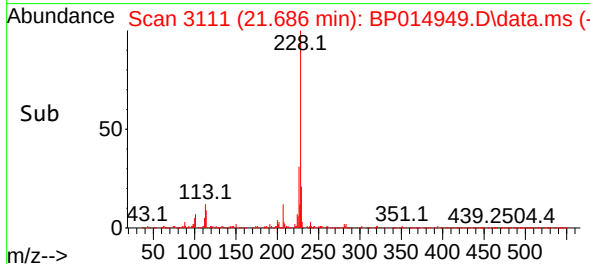
Instrument :
BNA_P
ClientSampleId :
EW934



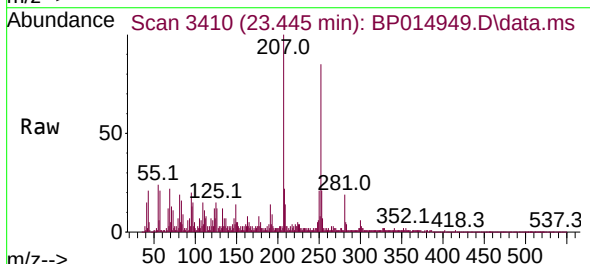
Tgt Ion:228 Resp: 19221
Ion Ratio Lower Upper
228 100
226 32.4 24.3 36.5
229 24.0 15.8 23.8

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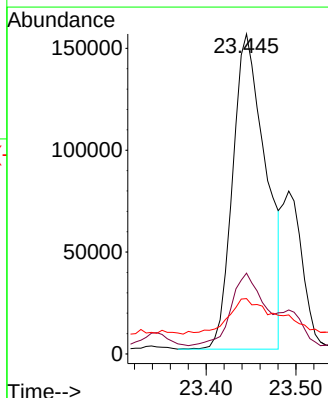
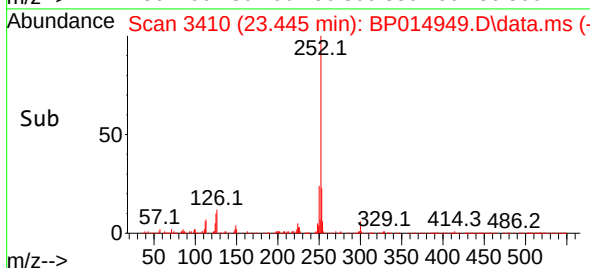
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

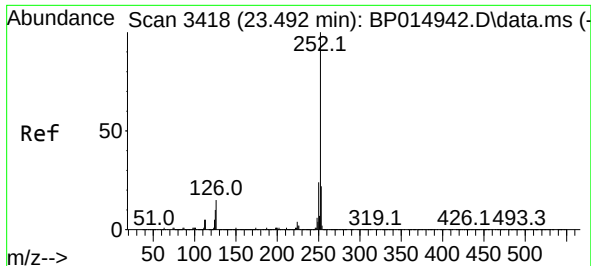


#90
Benzo(b)fluoranthene
Concen: 5.038 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20



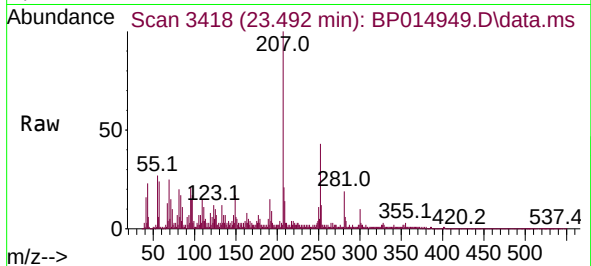
Tgt Ion:252 Resp: 397018
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 17.3 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 1.510 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

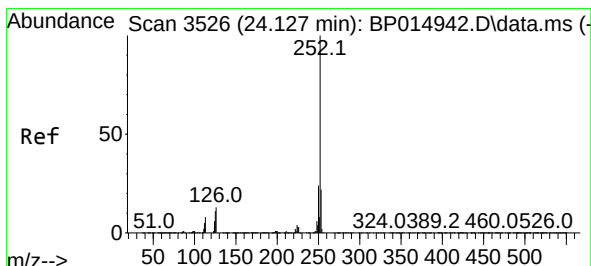
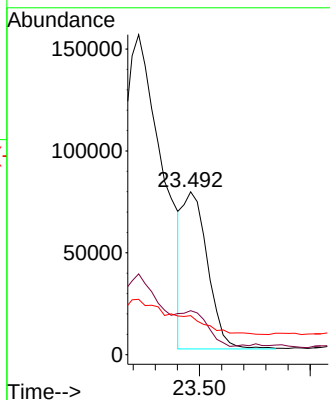
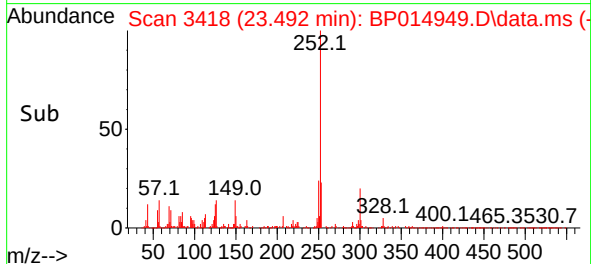
Instrument :
BNA_P
ClientSampleId :
EW934



Tgt Ion:252 Resp: 121132
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.6#
125 24.0 8.9 13.3#

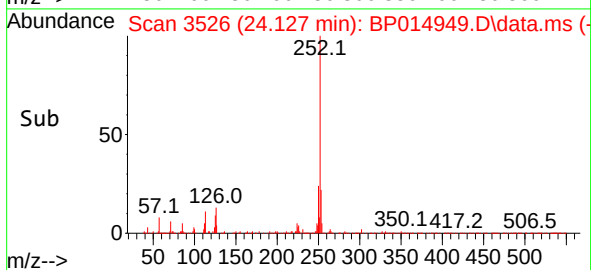
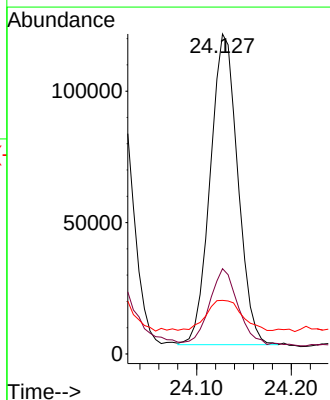
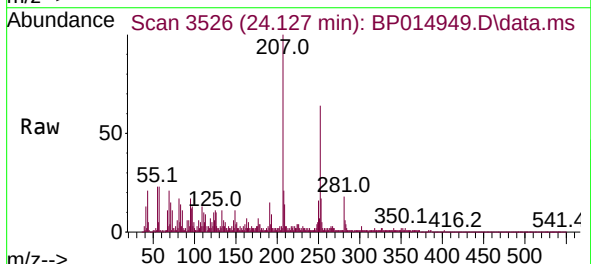
Manual Integrations
APPROVED

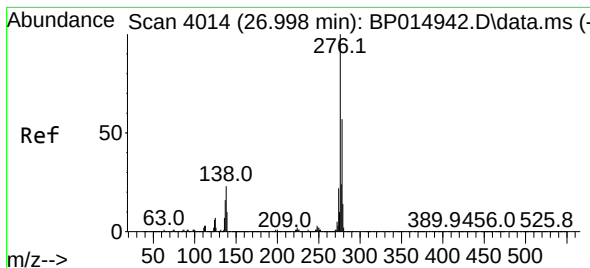
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#93
Benzo(a)pyrene
Concen: 3.452 ng/ul
RT: 24.127 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

Tgt Ion:252 Resp: 238581
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3#
125 16.8 9.4 14.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.324 ng/ul

RT: 26.998 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

EW934

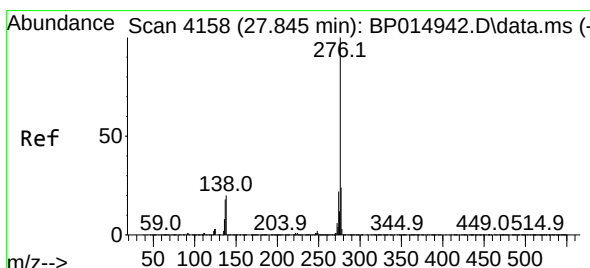
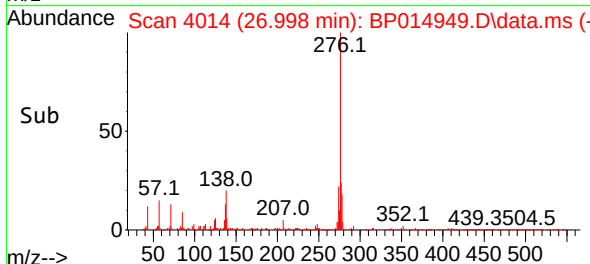
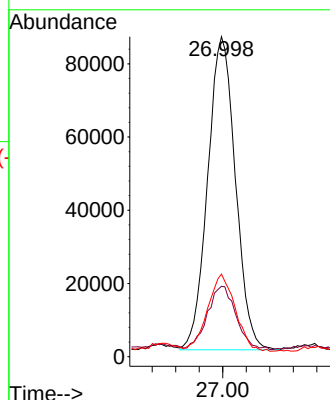
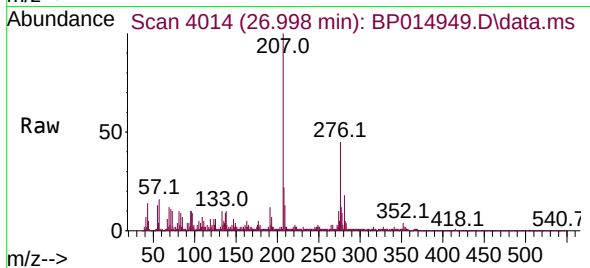
Tgt Ion:	276	Resp:	280224
Ion Ratio	Lower	Upper	
276	100		
138	22.0	19.4	29.0
277	25.8	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#96

Benzo(g,h,i)perylene

Concen: 4.855 ng/ul

RT: 27.856 min Scan# 4160

Delta R.T. 0.012 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Tgt Ion:	276	Resp:	348333
Ion Ratio	Lower	Upper	
276	100		
138	22.6	18.0	27.0
277	24.5	19.8	29.8

