

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014970.D
 Acq On : 05 May 2023 01:01
 Operator : CG/JU
 Sample : 02479-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW944

Manual Integrations
 APPROVED

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

Quant Time: May 05 03:55:09 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	8.169	152	281675	20.000	ng/u1	0.00
20) Naphthalene-d8	11.005	136	1010347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	511750	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1055353	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1029461	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1242945	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	20259	2.674	ng/uL	0.00
4) Pyridine-d5	3.928	84	12875m	0.622	ng/u1	0.03
7) Phenol-d5	7.316	99	317986	13.021	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.481	67	213606	14.152	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	264306	14.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	150209	7.982	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	122065	16.987	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	126887	17.197	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	202059	13.947	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	202037	9.641	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	574396	15.859	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	704536	16.219	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	41210	6.540	ng/u1	0.01
60) Fluorene-d10	15.804	176	506598	16.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	15021	2.528	ng/u1	0.01
73) Anthracene-d10	17.669	188	803150	16.938	ng/u1	0.00
81) Pyrene-d10	19.886	212	996088	14.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1061947	17.535	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.610	178	125667	2.155	ng/u1	99
78) Di-n-butylphthalate	18.492	149	127973	2.344	ng/u1	97
80) Fluoranthene	19.557	202	302269	3.548	ng/u1	99
82) Pyrene	19.916	202	372994	4.132	ng/u1	97
83) Butylbenzylphthalate	20.763	149	43289	1.597	ng/u1#	87
85) Benzo(a)anthracene	21.633	228	210779	3.068	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.528	149	611300	17.927	ng/u1#	99
87) Chrysene	21.686	228	279693	4.043	ng/u1#	91
90) Benzo(b)fluoranthene	23.451	252	381630	4.751	ng/u1#	87
91) Benzo(k)fluoranthene	23.498	252	109610m	1.341	ng/u1	
93) Benzo(a)pyrene	24.139	252	256984	3.648	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	27.015	276	242823	2.826	ng/u1	94
95) Dibenzo(a,h)anthracene	27.033	278	72621m	1.031	ng/u1	
96) Benzo(g,h,i)perylene	27.874	276	250808	3.429	ng/u1	96

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

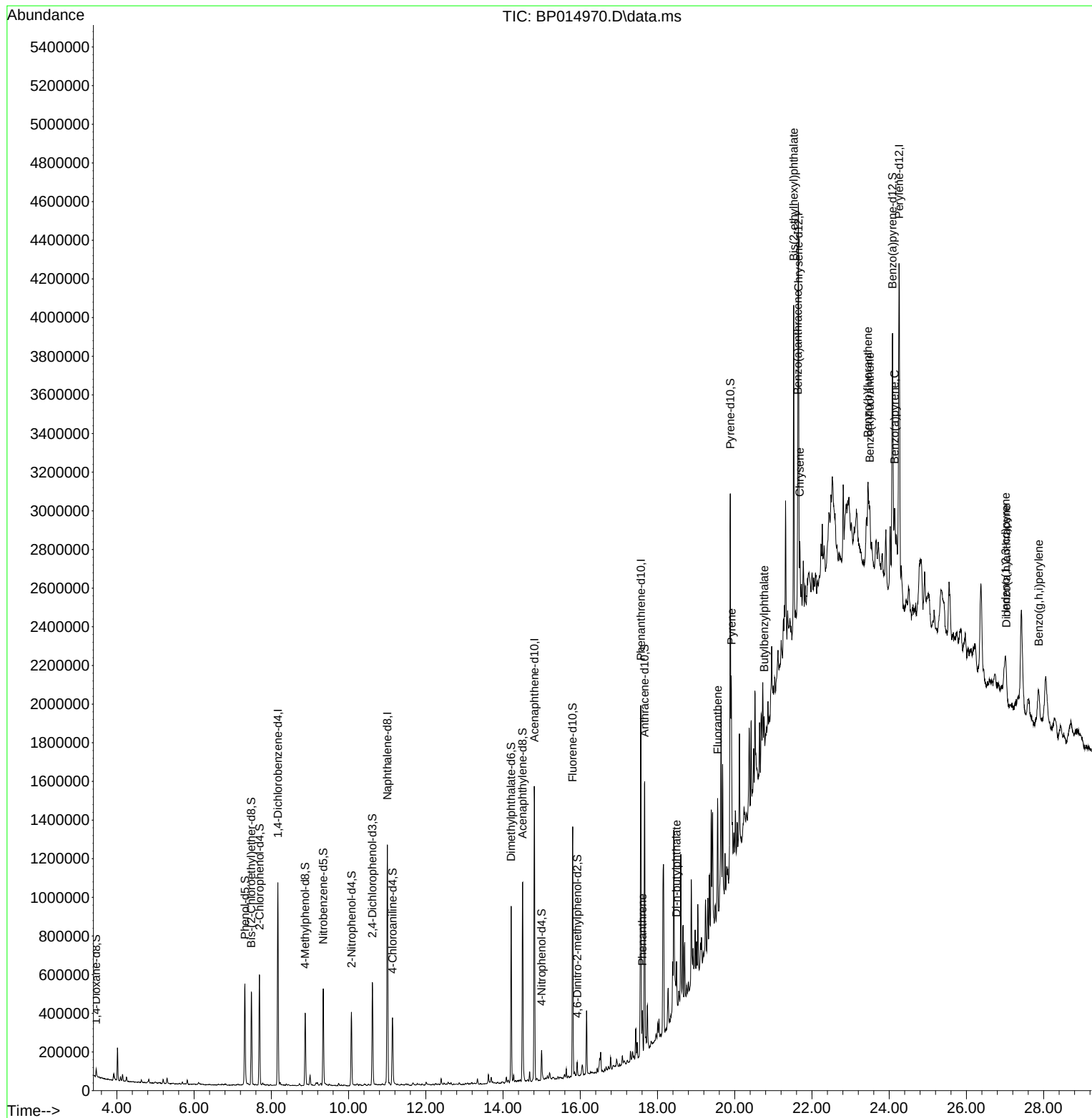
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014970.D
Acq On : 05 May 2023 01:01
Operator : CG/JU
Sample : 02479-03
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ALS Vial : 29 Sample Multiplier: 1

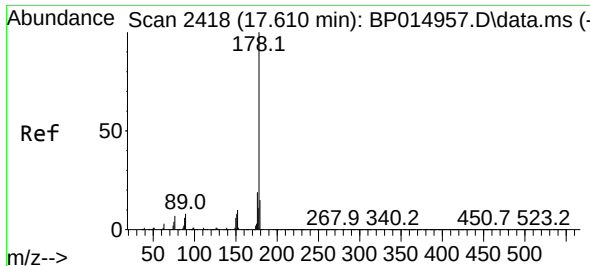
Instrument :
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EW944

Quant Time: May 05 03:55:09 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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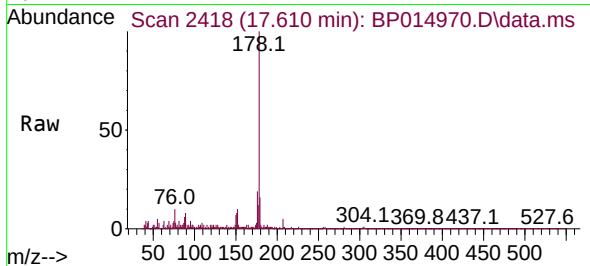
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023





#72
Phenanthrene
Concen: 2.155 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

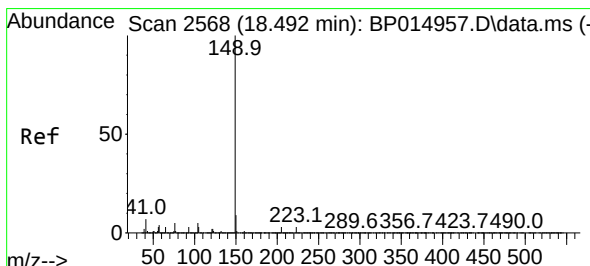
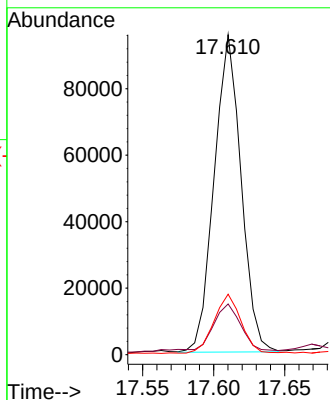
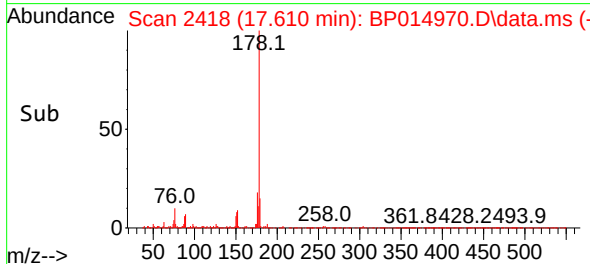
Instrument :
BNA_P
ClientSampleId :
EW944



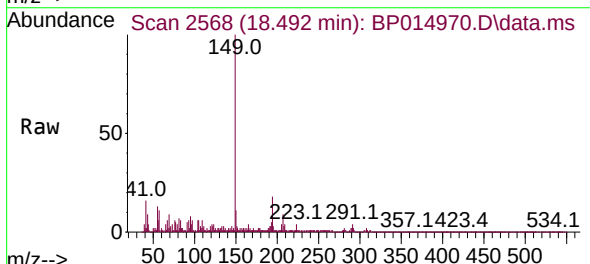
Tgt Ion:178 Resp: 12566
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.9 15.4 23.0

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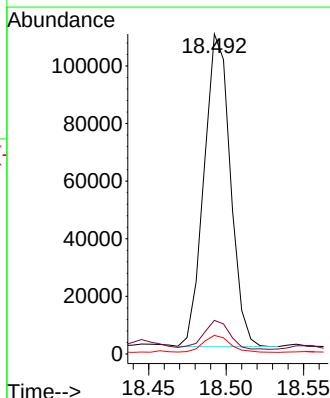
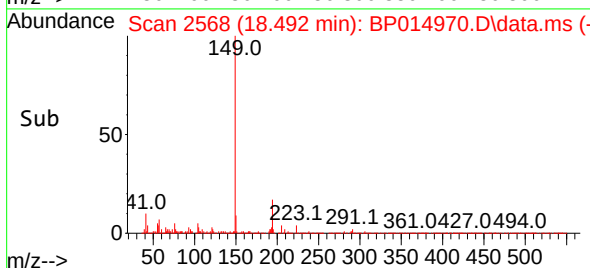
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

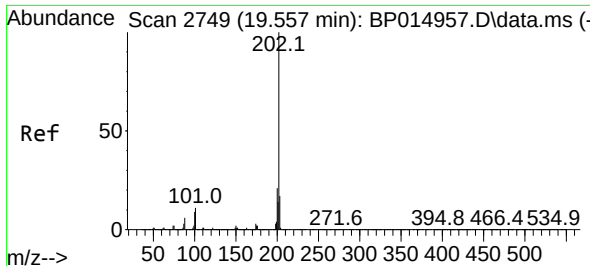


#78
Di-n-butylphthalate
Concen: 2.344 ng/ul
RT: 18.492 min Scan# 2568
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01



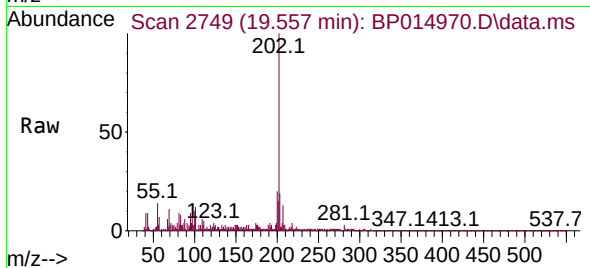
Tgt Ion:149 Resp: 127973
Ion Ratio Lower Upper
149 100
150 10.5 7.4 11.2
104 5.8 4.1 6.1





#80
Fluoranthene
Concen: 3.548 ng/u1
RT: 19.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

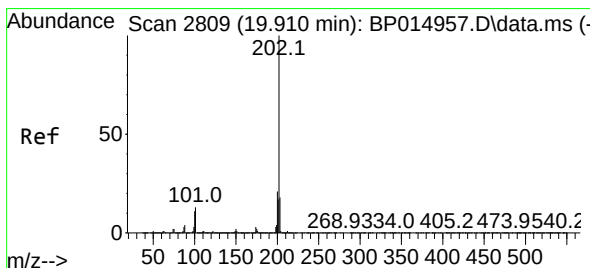
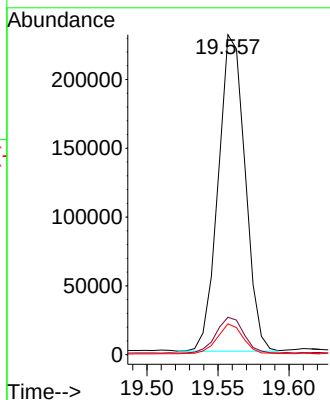
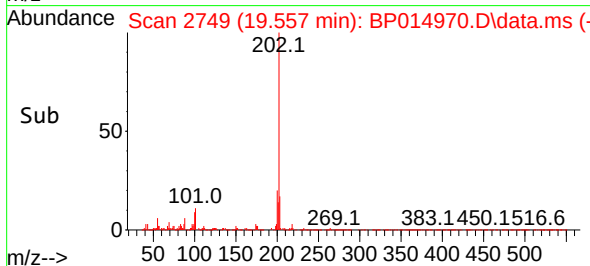
Instrument :
BNA_P
ClientSampleId :
EW944



Tgt Ion:202 Resp: 302269
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.6 7.7 11.5

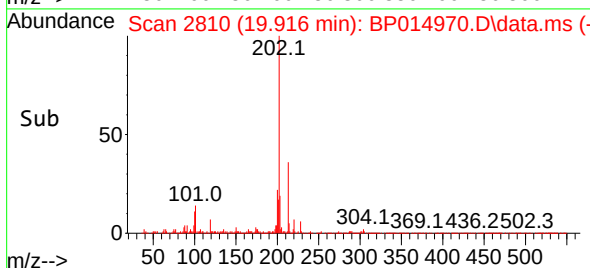
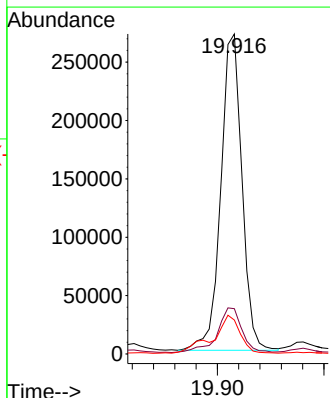
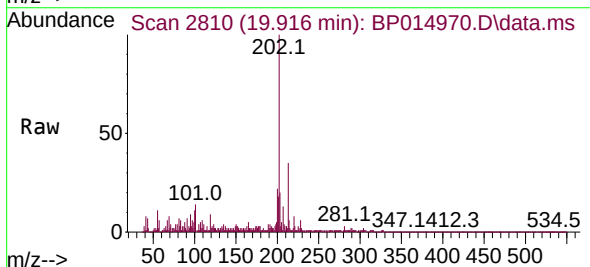
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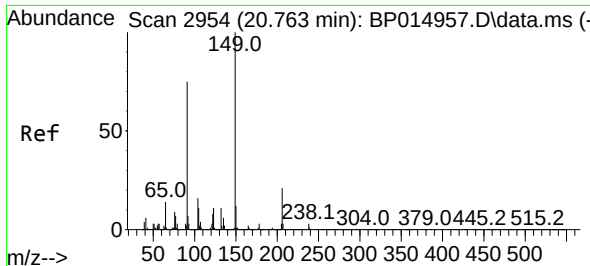
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#82
Pyrene
Concen: 4.132 ng/u1
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

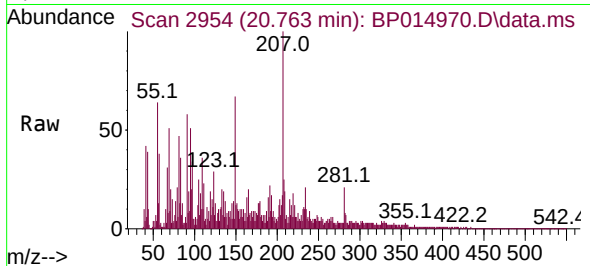
Tgt Ion:202 Resp: 372994
Ion Ratio Lower Upper
202 100
101 14.2 11.9 17.9
100 10.6 9.7 14.5





#83
Butylbenzylphthalate
Concen: 1.597 ng/ul
RT: 20.763 min Scan# 2954
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

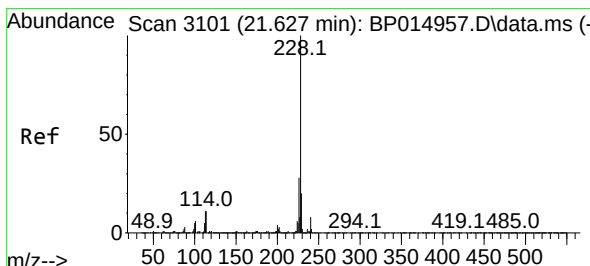
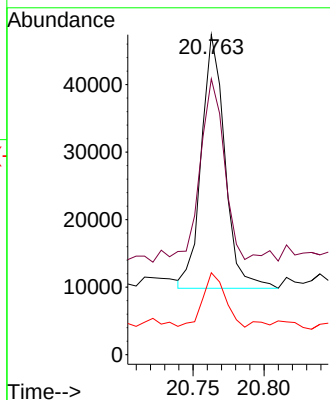
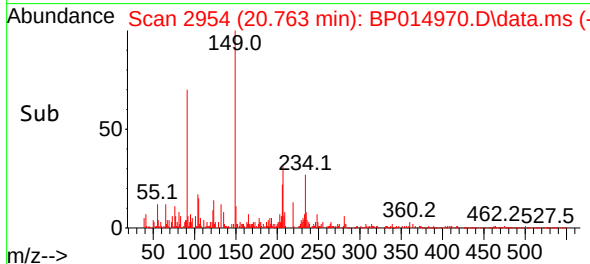
Instrument :
BNA_P
Client Sample Id :
EW944



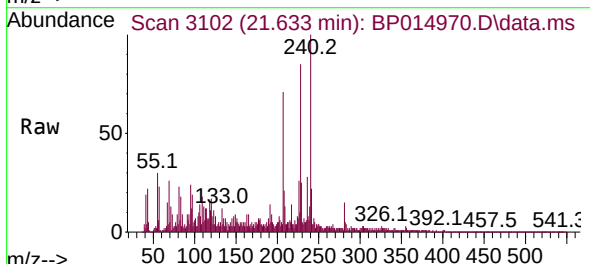
Tgt Ion:149 Resp: 43289
Ion Ratio Lower Upper
149 100
91 86.2 60.1 90.1
206 25.6 16.0 24.0

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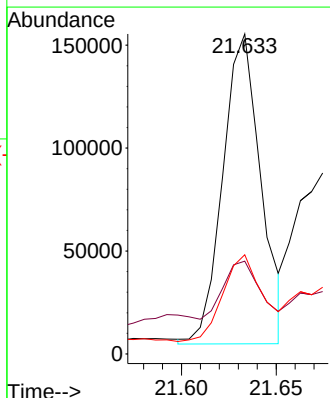
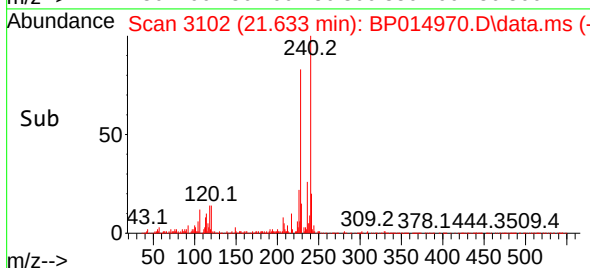
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

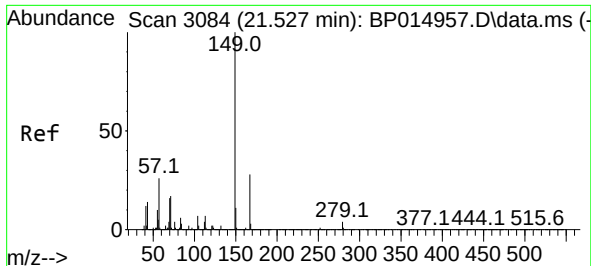


#85
Benzo(a)anthracene
Concen: 3.068 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01



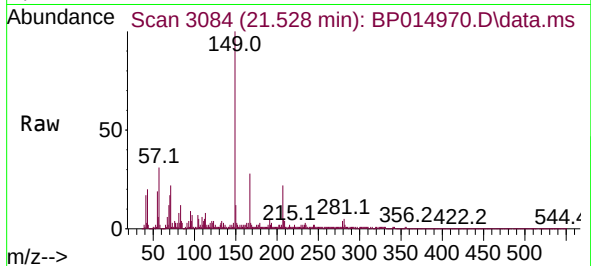
Tgt Ion:228 Resp: 210779
Ion Ratio Lower Upper
228 100
229 29.0 15.9 23.9
226 31.0 22.1 33.1





#86
Bis(2-ethylhexyl)phthalate
Concen: 17.927 ng/ul
RT: 21.528 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

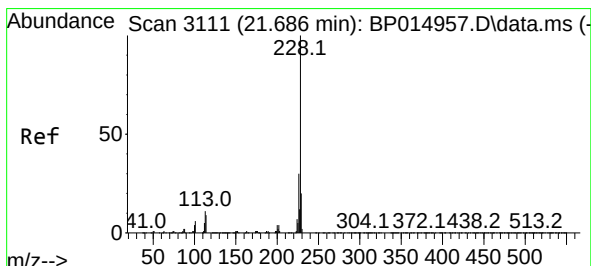
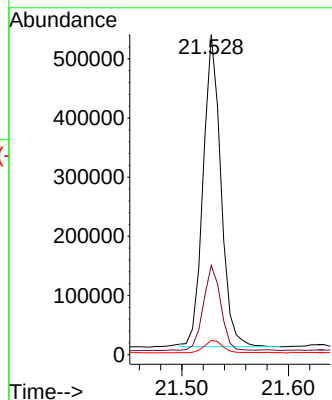
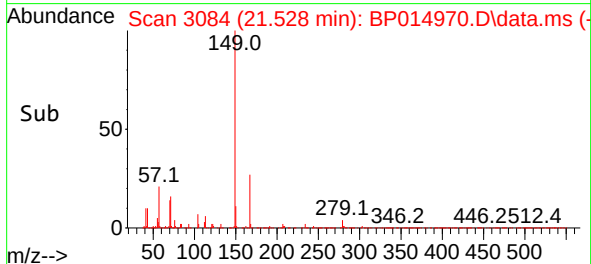
Instrument :
BNA_P
ClientSampleId :
EW944



Tgt Ion:149 Resp: 611300
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.5 2.9 4.3

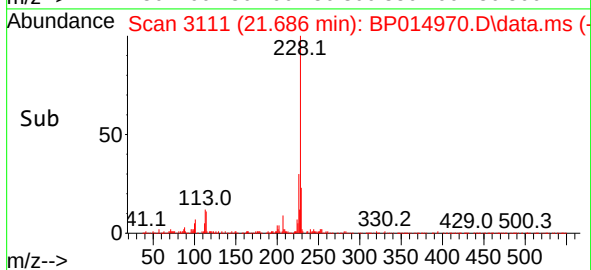
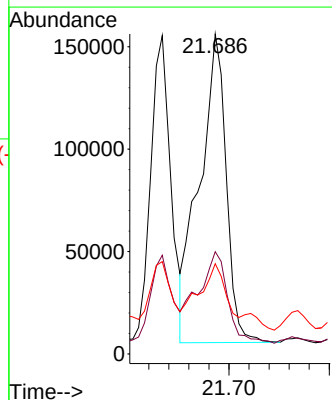
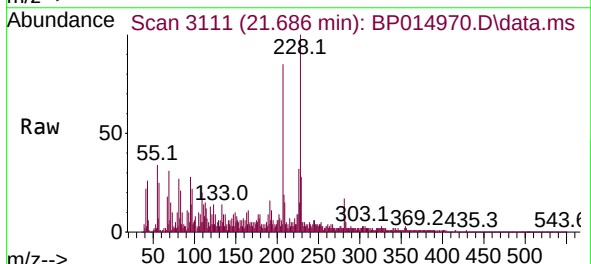
Manual Integrations
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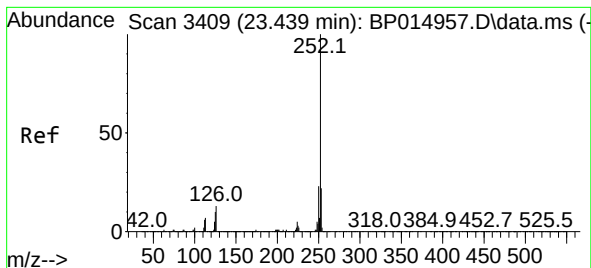
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#87
Chrysene
Concen: 4.043 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP014970.D
Acq: 05 May 2023 01:01

Tgt Ion:228 Resp: 279693
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 28.2 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 4.751 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

Instrument :

BNA_P

ClientSampleId :

EW944

Tgt Ion:252 Resp: 381630

Ion Ratio Lower Upper

252 100

253 26.1 17.4 26.2

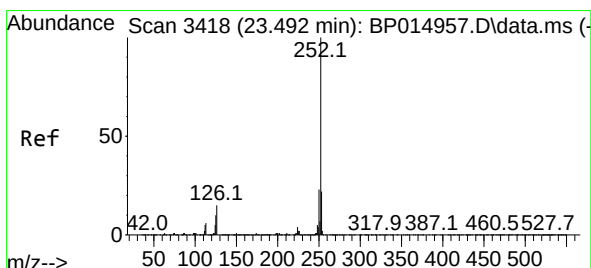
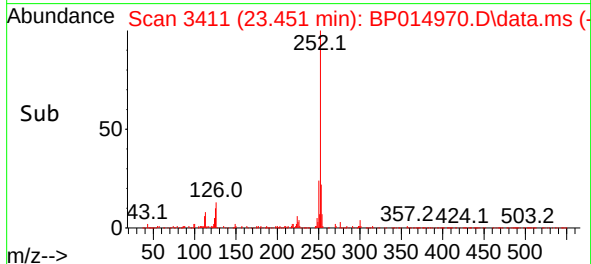
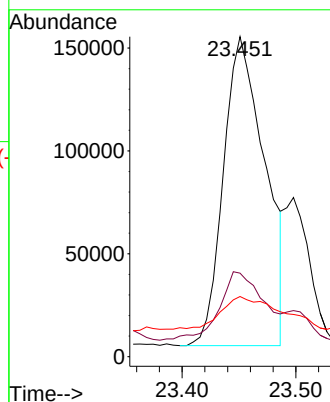
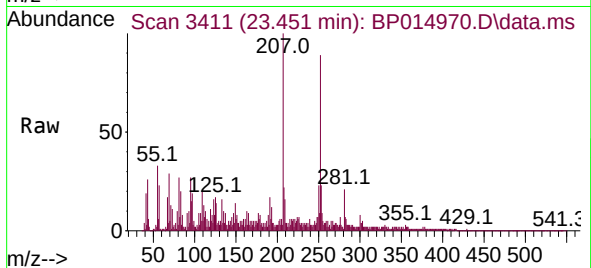
125 18.8 8.4 12.6

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 05/05/2023



#91

Benzo(k)fluoranthene

Concen: 1.341 ng/ul m

RT: 23.498 min Scan# 3419

Delta R.T. 0.006 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

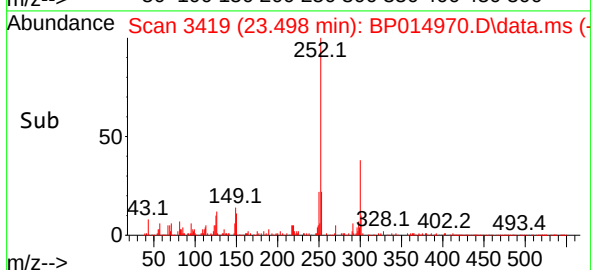
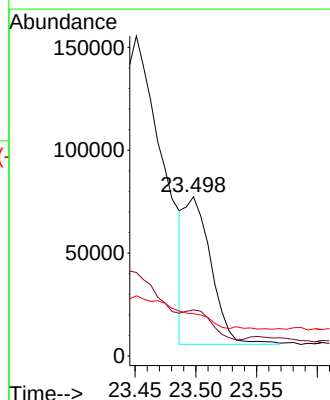
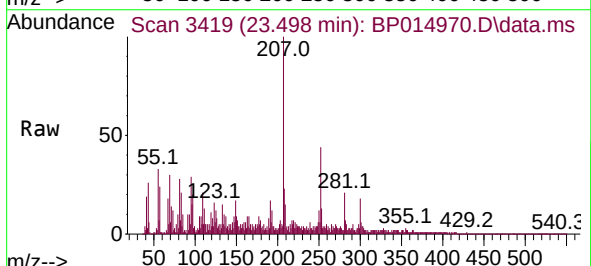
Tgt Ion:252 Resp: 109610

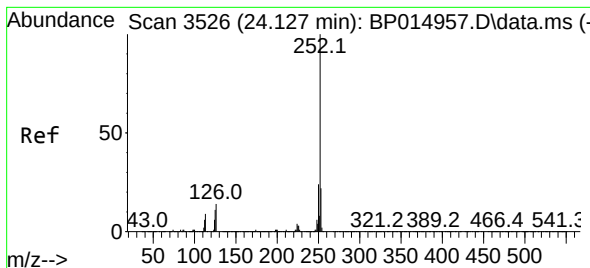
Ion Ratio Lower Upper

252 100

253 29.0 17.8 26.6#

125 26.5 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 3.648 ng/ul

RT: 24.139 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

Instrument :

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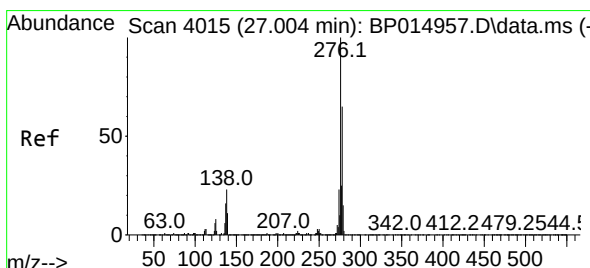
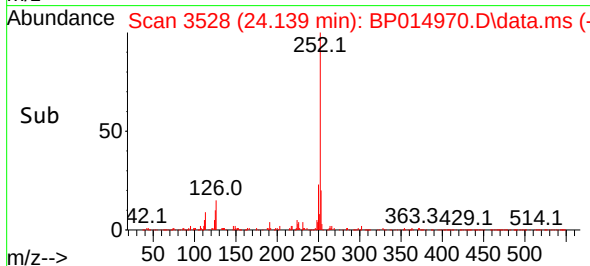
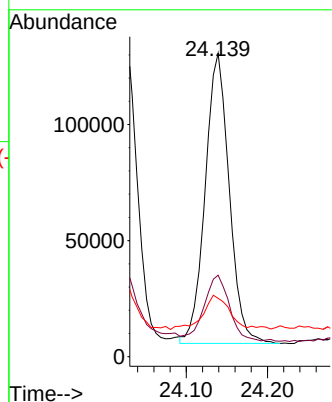
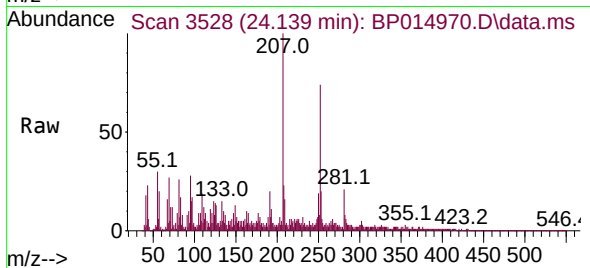
Tgt Ion:	252	Resp:	256984
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.5	26.3
125	19.3	9.4	14.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.826 ng/ul

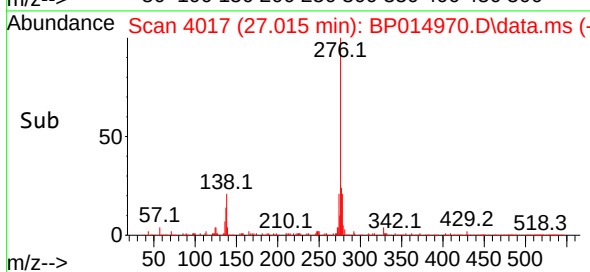
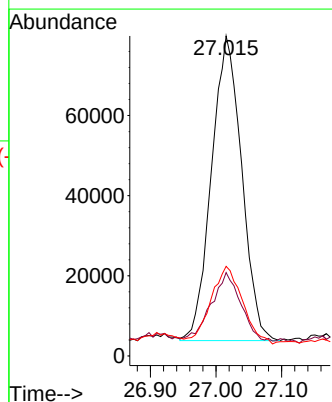
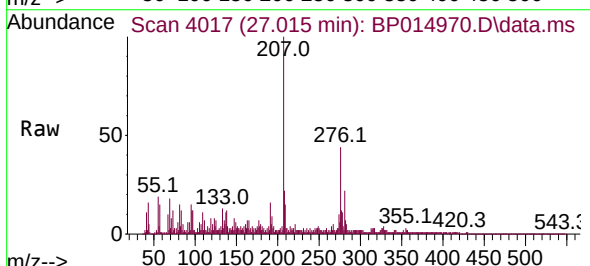
RT: 27.015 min Scan# 4017

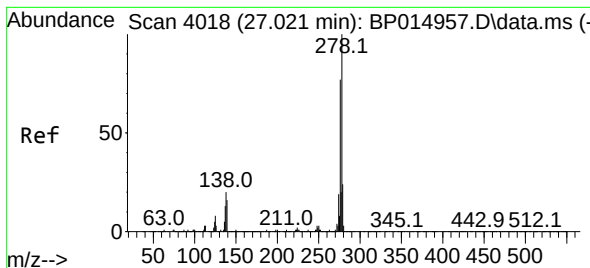
Delta R.T. 0.018 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

Tgt Ion:	276	Resp:	242823
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.4	29.0
277	28.0	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.031 ng/ul m

RT: 27.033 min Scan# 4018

Delta R.T. 0.018 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

Instrument :

BNA_P

ClientSampleId :

EW944

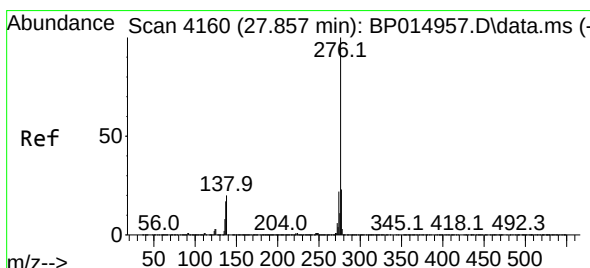
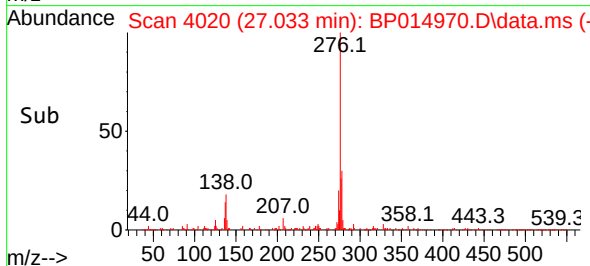
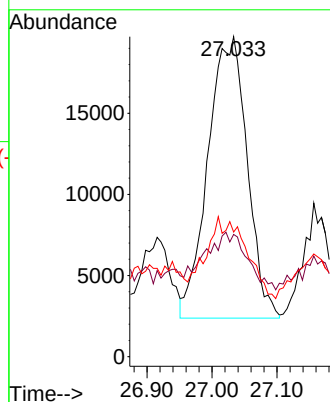
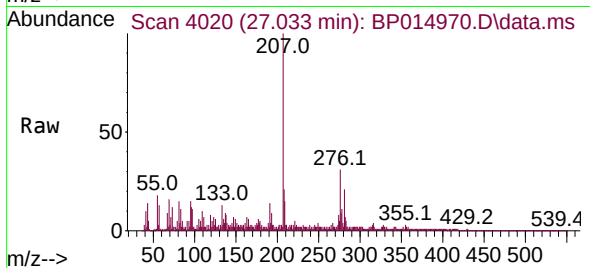
Tgt Ion:	278	Resp:	7262
Ion Ratio	Lower	Upper	
278	100		
139	38.2	12.9	19.3
279	39.0	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#96

Benzo(g,h,i)perylene

Concen: 3.429 ng/ul

RT: 27.874 min Scan# 4163

Delta R.T. 0.029 min

Lab File: BP014970.D

Acq: 05 May 2023 01:01

Tgt Ion:	276	Resp:	250808
Ion Ratio	Lower	Upper	
276	100		
138	23.9	18.0	27.0
277	27.2	19.8	29.8

