

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014433.D
 Acq On : 31 Mar 2023 09:12
 Operator : CG/JU
 Sample : 02006-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB963

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 09:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	168178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	744174	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	479353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	948952	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	630318	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	731430	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	10492	2.419	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.169	99	232972	15.021	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	152510	15.325	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	175611	15.665	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	186219	14.884	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	87311	14.533	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	99861	14.517	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	183012	14.608	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	68057m	4.124	ng/u1	0.02
46) Dimethylphthalate-d6	14.069	166	620936	15.976	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	658810	15.276	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	55883	9.517	ng/u1	0.02
60) Fluorene-d10	15.663	176	526179	16.234	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	68526	9.814	ng/u1	0.00
73) Anthracene-d10	17.528	188	719764	15.673	ng/u1	0.00
81) Pyrene-d10	19.757	212	766258	18.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	641186	16.500	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.199	94	17288	1.074	ng/u1	95
16) Acetophenone	8.851	105	87006	4.211	ng/u1	99
72) Phenanthrene	17.469	178	473439	8.968	ng/u1	99
74) Anthracene	17.563	178	55922m	1.051	ng/u1	
80) Fluoranthene	19.433	202	938991	18.758	ng/u1	99
82) Pyrene	19.786	202	833625	15.951	ng/u1	100
85) Benzo(a)anthracene	21.498	228	316468	7.085	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	88554	3.597	ng/u1	96
87) Chrysene	21.557	228	394036	9.343	ng/u1	98
90) Benzo(b)fluoranthene	23.262	252	530484	10.739	ng/u1	99
91) Benzo(k)fluoranthene	23.310	252	145580m	3.034	ng/u1	
93) Benzo(a)pyrene	23.921	252	313111	7.364	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.674	276	260403	4.451	ng/u1	98
95) Dibenzo(a,h)anthracene	26.674	278	65026	1.328	ng/u1#	79
96) Benzo(g,h,i)perylene	27.492	276	265167	5.561	ng/u1	97

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

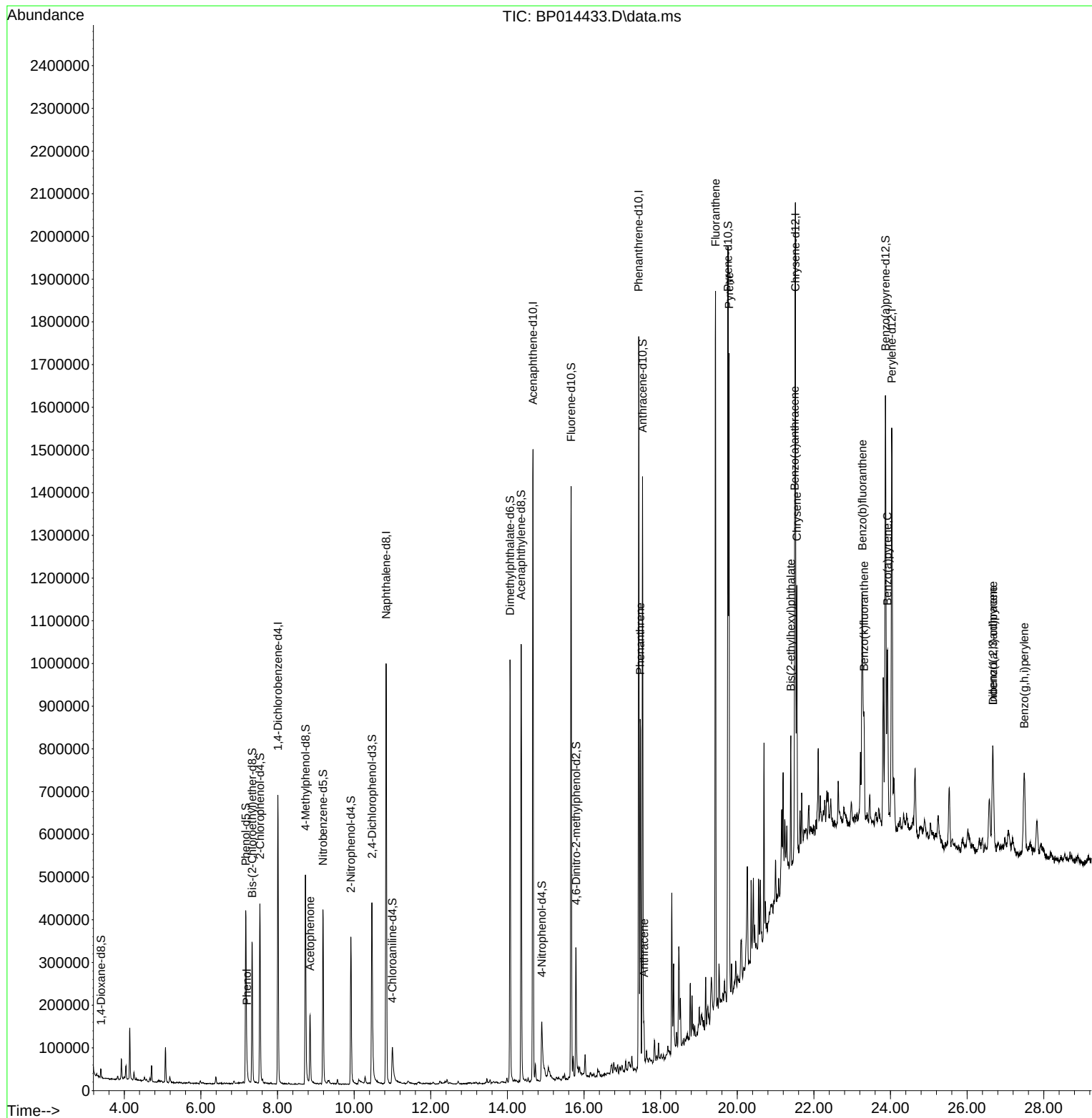
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014433.D
 Acq On : 31 Mar 2023 09:12
 Operator : CG/JU
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 ALS Vial : 42 Sample Multiplier: 1

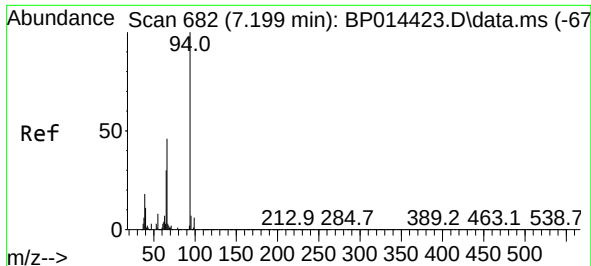
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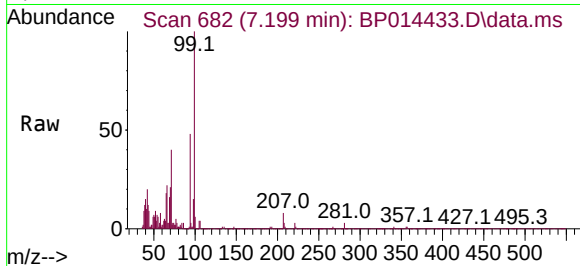
Quant Time: Mar 31 09:38:55 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
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#8
Phenol
Concen: 1.074 ng/ul
RT: 7.199 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

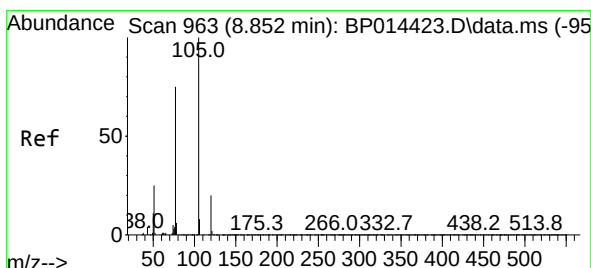
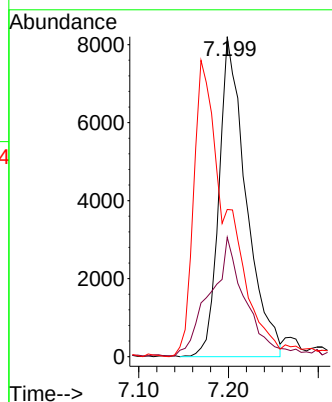
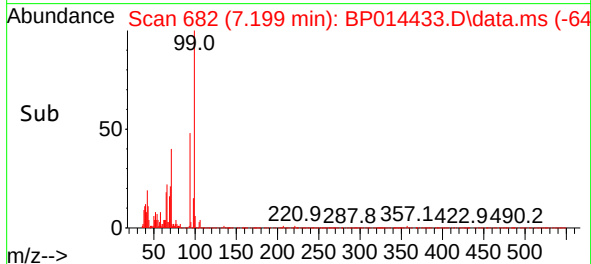
Instrument :
BNA_P
ClientSampleId :
CB963



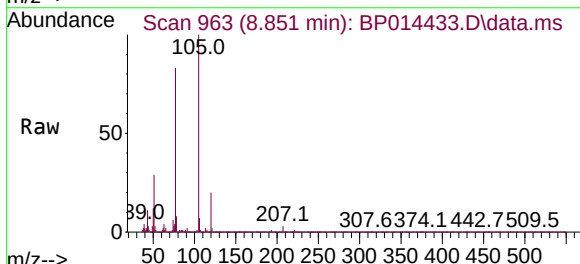
Tgt Ion: 94 Resp: 17288
Ion Ratio Lower Upper
94 100
65 37.3 25.2 37.8
66 46.0 36.2 54.4

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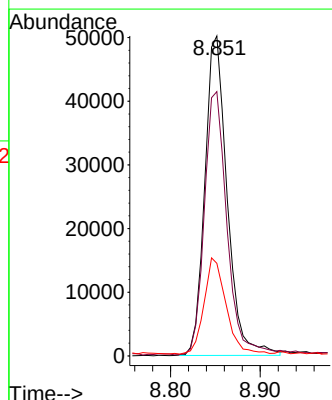
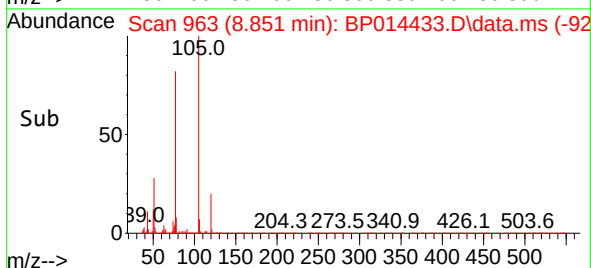
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

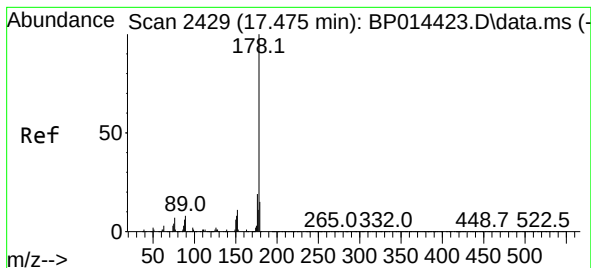


#16
Acetophenone
Concen: 4.211 ng/ul
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12



Tgt Ion:105 Resp: 87006
Ion Ratio Lower Upper
105 100
77 82.6 67.3 100.9
51 28.9 23.0 34.4





#72

Phenanthrene

Concen: 8.968 ng/ul

RT: 17.469 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

Instrument :

BNA_P

ClientSampleId :

CB963

Tgt Ion:178 Resp: 473439

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

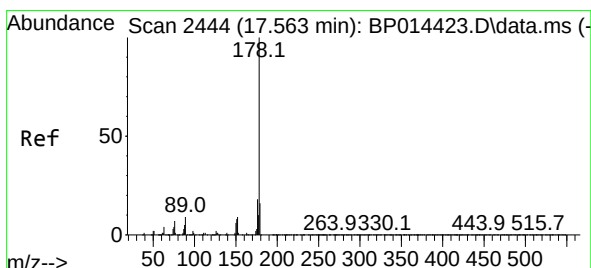
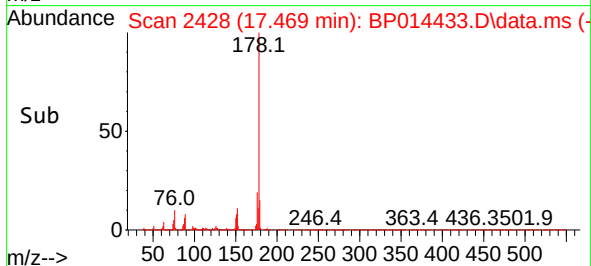
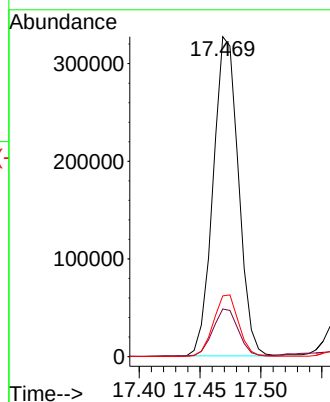
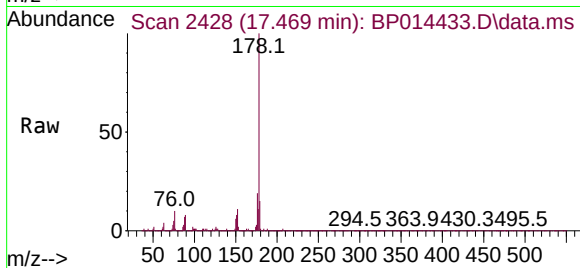
176 19.0 15.3 22.9

Manual Integrations

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#74

Anthracene

Concen: 1.051 ng/ul m

RT: 17.563 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

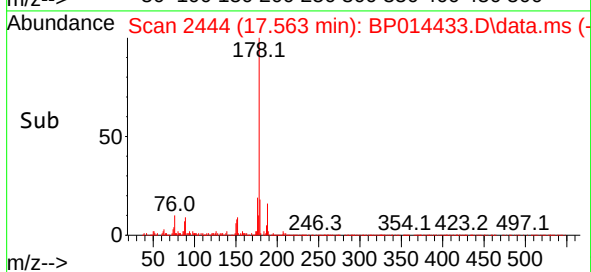
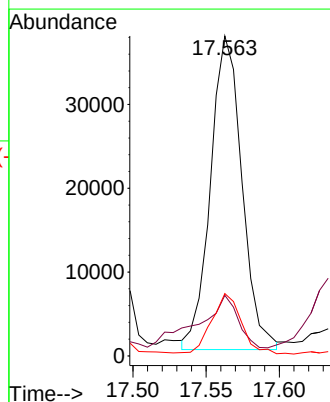
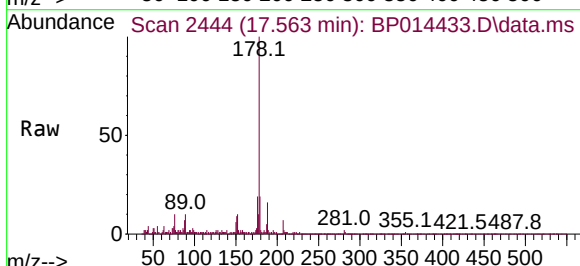
Tgt Ion:178 Resp: 55922

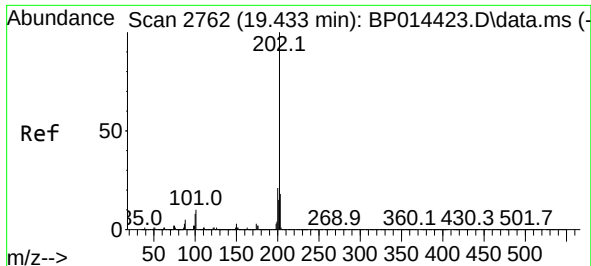
Ion Ratio Lower Upper

178 100

179 18.9 12.2 18.4#

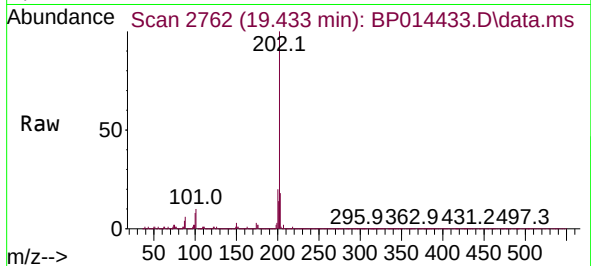
176 19.5 14.9 22.3





#80
Fluoranthene
Concen: 18.758 ng/ul
RT: 19.433 min Scan# 2762
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

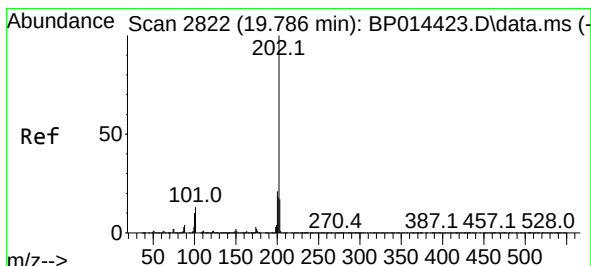
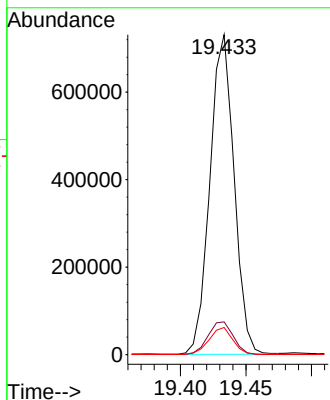
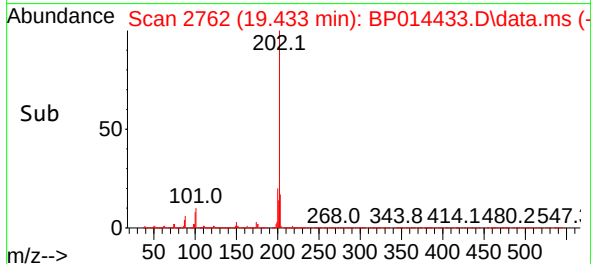
Instrument :
BNA_P
ClientSampleId :
CB963



Tgt Ion:202 Resp: 938991
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 8.5 6.4 9.6

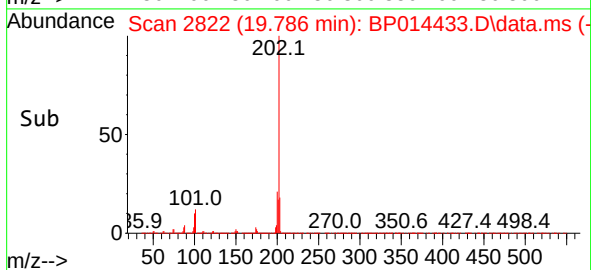
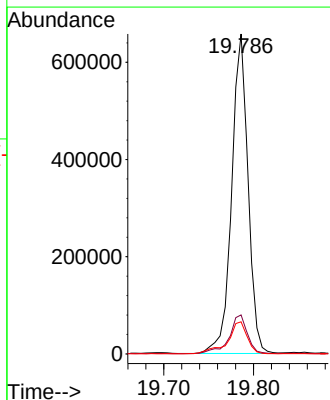
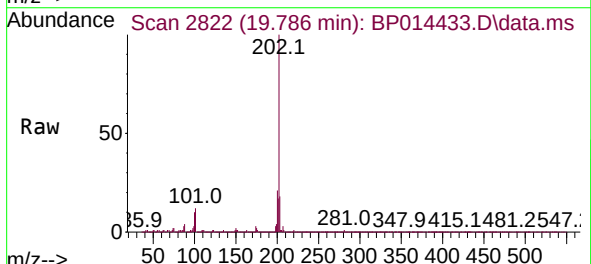
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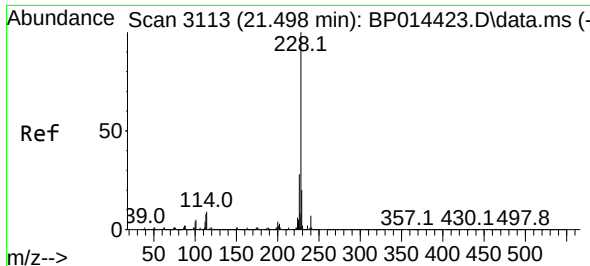
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#82
Pyrene
Concen: 15.951 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

Tgt Ion:202 Resp: 833625
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 10.0 8.0 12.0





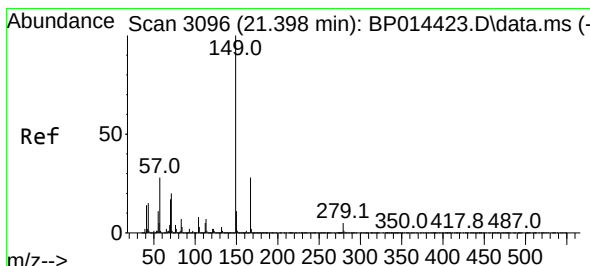
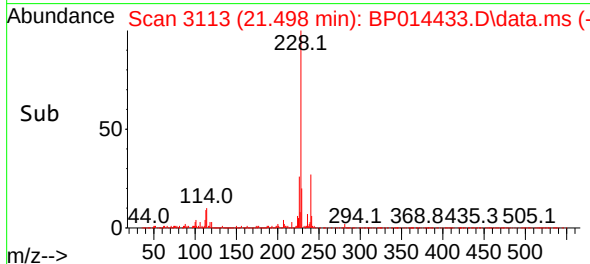
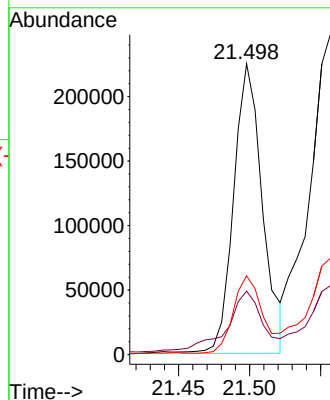
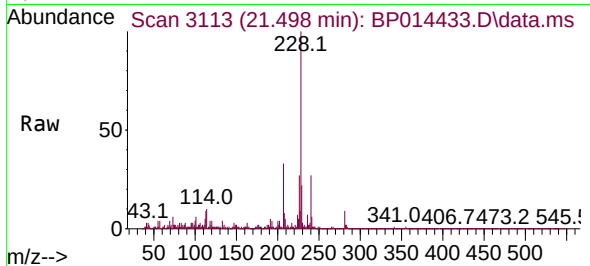
#85
Benzo(a)anthracene
Concen: 7.085 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

Instrument : BNA_P
ClientSampleId : CB963

Tgt Ion:228 Resp: 316468
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 27.1 21.8 32.6

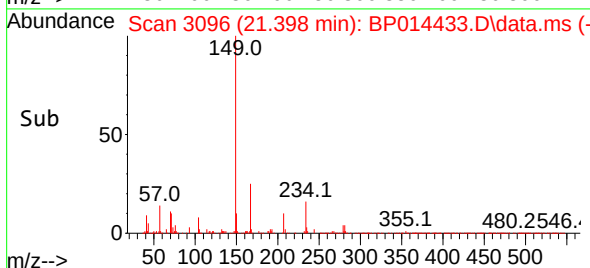
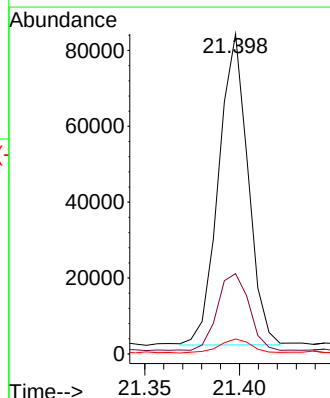
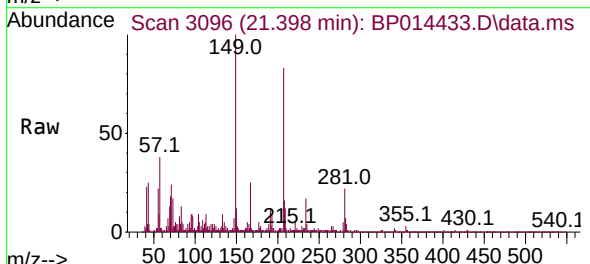
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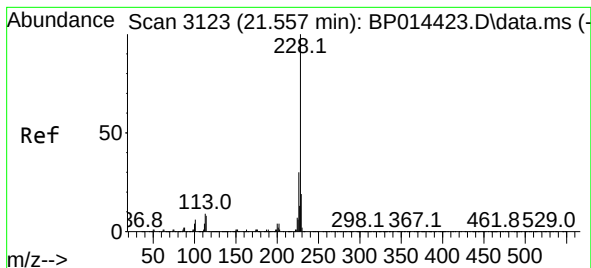
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.597 ng/ul
RT: 21.398 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

Tgt Ion:149 Resp: 88554
Ion Ratio Lower Upper
149 100
167 25.1 21.9 32.9
279 4.7 3.7 5.5





#87

Chrysene

Concen: 9.343 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

Instrument :

BNA_P

ClientSampleId :

CB963

Tgt Ion:228 Resp: 394036

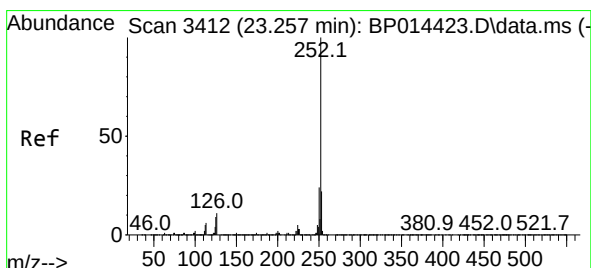
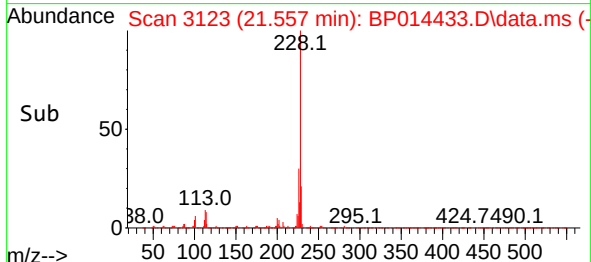
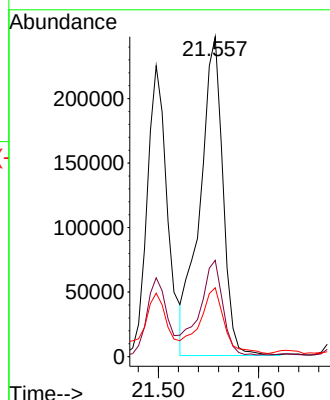
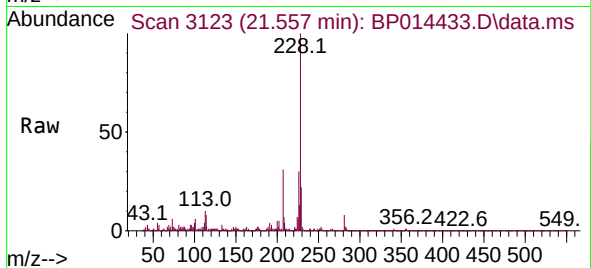
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	21.5	16.1	24.1

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 10.739 ng/ul

RT: 23.262 min Scan# 3413

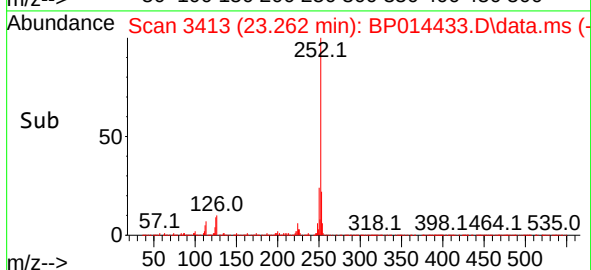
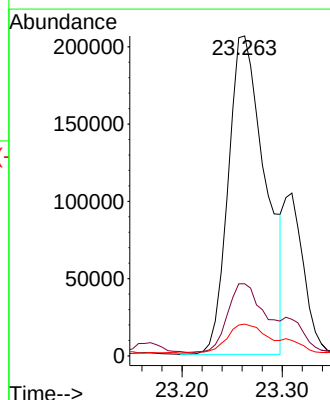
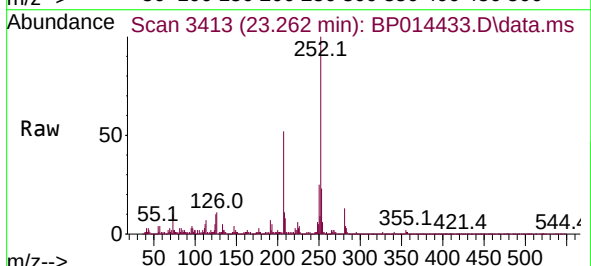
Delta R.T. 0.006 min

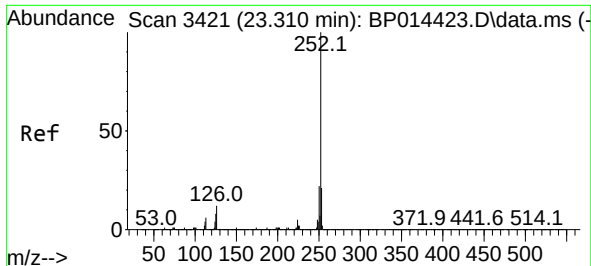
Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

Tgt Ion:252 Resp: 530484

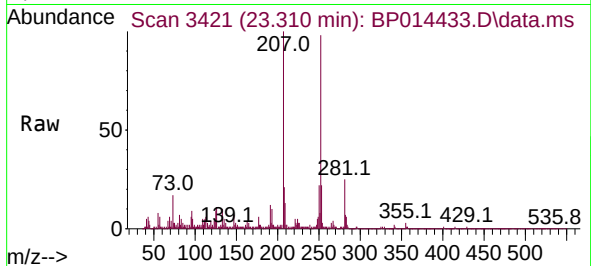
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	6.8	10.2





#91
Benzo(k)fluoranthene
Concen: 3.034 ng/ul m
RT: 23.310 min Scan# 3421
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

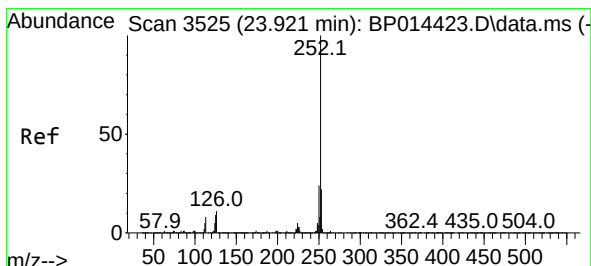
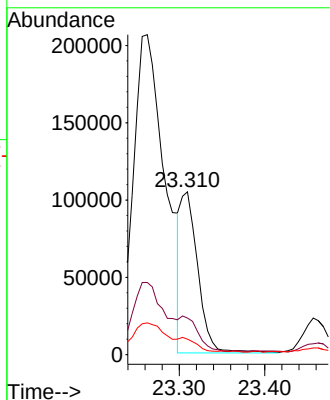
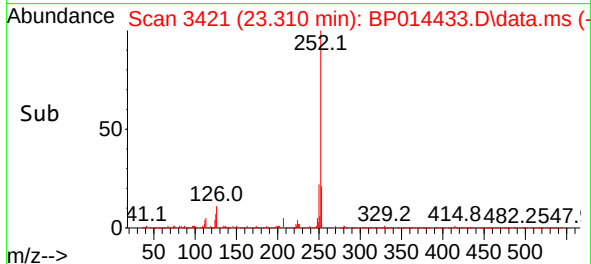
Instrument : BNA_P
ClientSampleId : CB963



Tgt Ion:252 Resp: 145580
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.5 6.9 10.3

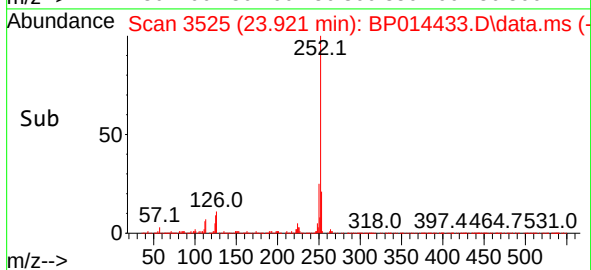
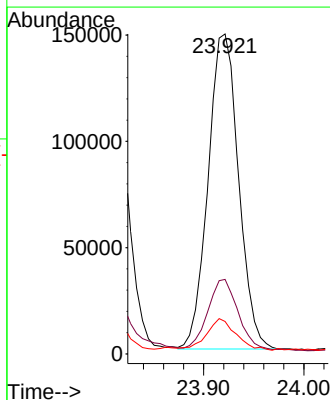
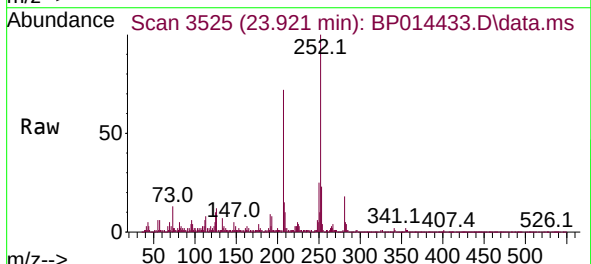
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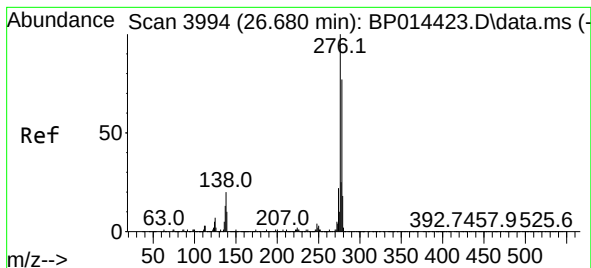
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#93
Benzo(a)pyrene
Concen: 7.364 ng/ul
RT: 23.921 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP014433.D
Acq: 31 Mar 2023 09:12

Tgt Ion:252 Resp: 313111
Ion Ratio Lower Upper
252 100
253 23.3 16.9 25.3
125 10.1 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.451 ng/ul

RT: 26.674 min Scan# 3993

Delta R.T. -0.006 min

Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

Instrument :

BNA_P

ClientSampleId :

CB963

Tgt Ion:276 Resp: 260403

Ion Ratio Lower Upper

276 100

138 17.0 14.9 22.3

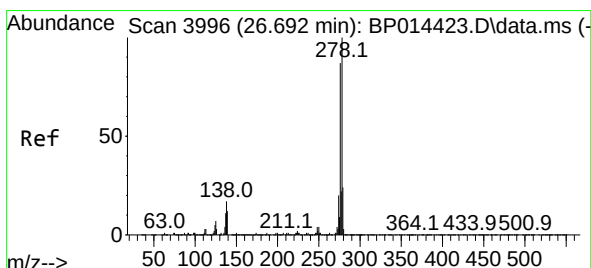
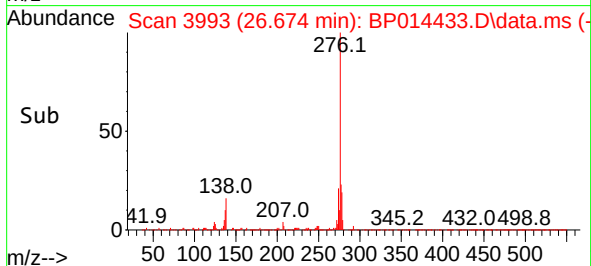
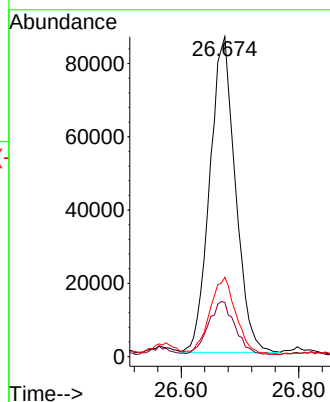
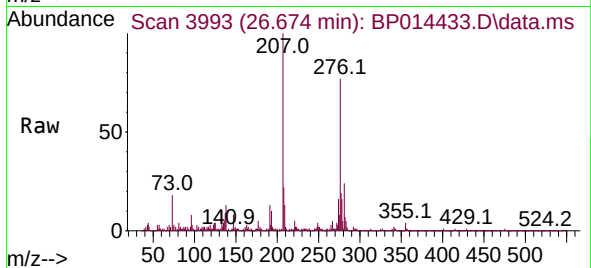
277 24.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.328 ng/ul

RT: 26.674 min Scan# 3993

Delta R.T. -0.018 min

Lab File: BP014433.D

Acq: 31 Mar 2023 09:12

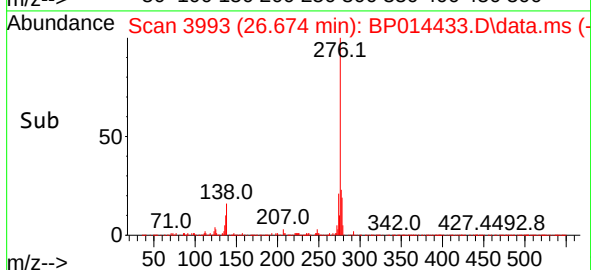
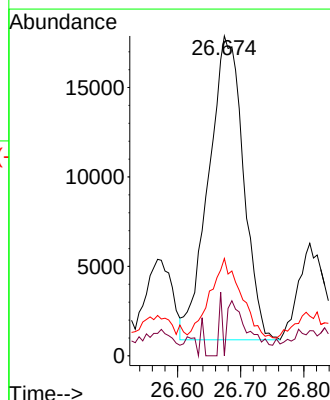
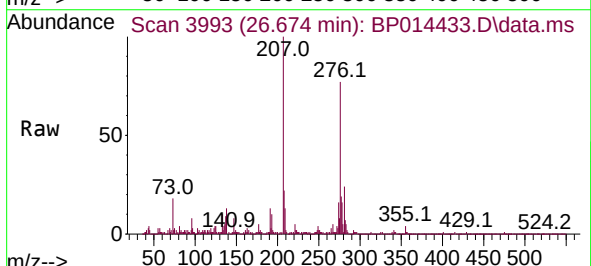
Tgt Ion:278 Resp: 65026

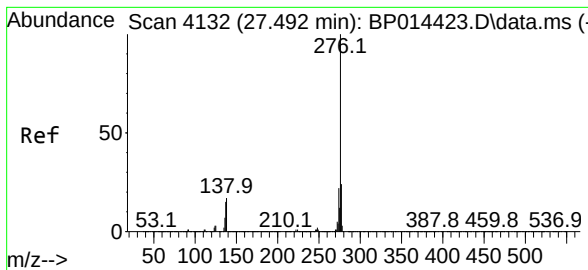
Ion Ratio Lower Upper

278 100

139 0.0 10.4 15.6#

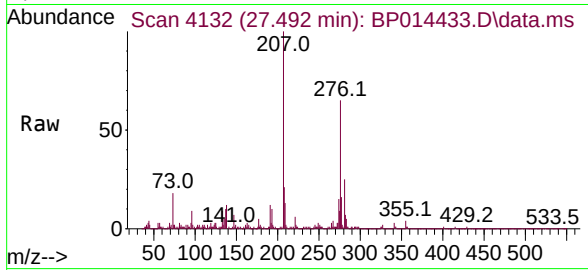
279 30.4 18.9 28.3#





#96
 Benzo(g,h,i)perylene
 Concen: 5.561 ng/ul
 RT: 27.492 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP014433.D
 Acq: 31 Mar 2023 09:12

Instrument :
 BNA_P
 ClientSampleId :
 CB963



Tgt Ion:	276	Resp:	26516
Ion Ratio	Lower	Upper	
276	100		
138	18.4	13.0	19.4
277	24.1	18.4	27.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

