

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015228.D
 Acq On : 22 May 2023 22:53
 Operator : CG/JU
 Sample : 02664-11DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JRELODL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 23 02:20:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	263520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1184848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	737198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1495638	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	915371	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1027217	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	7063	1.041	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.269	99	128395	5.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	85612	6.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	109064	6.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	97919	5.022	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	56378	6.055	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	60216	5.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	113476	6.070	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.157	166	403373	7.241	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	450110	7.065	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.745	176	359438	7.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.610	188	512195	7.479	ng/ul	0.00
81) Pyrene-d10	19.828	212	487111	9.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	389067	7.630	ng/ul	0.00
Target Compounds	Qvalue					
6) Benzaldehyde	7.258	77	6937	1.032	ng/ul	89
16) Acetophenone	8.952	105	111034	3.649	ng/ul	96
30) Naphthalene	10.999	128	80220	1.245	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	41075	2.883	ng/ul#	98
71) Pentachlorophenol	17.157	266	772927	67.874	ng/ul	100
72) Phenanthrene	17.551	178	420229	5.160	ng/ul	99
74) Anthracene	17.645	178	309797	3.762	ng/ul	98
77) Carbazole	17.910	167	99726	1.381	ng/ul#	96
80) Fluoranthene	19.504	202	660950	10.214	ng/ul	98
82) Pyrene	19.857	202	538615	8.060	ng/ul	98
85) Benzo(a)anthracene	21.569	228	228627m	3.612	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.469	149	840232	19.701	ng/ul	99
87) Chrysene	21.628	228	490672	8.110	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	947881	14.556	ng/ul	96
91) Benzo(k)fluoranthene	23.404	252	243692m	3.897	ng/ul	
93) Benzo(a)pyrene	24.027	252	185341	3.220	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.851	276	349574	4.690	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.863	278	88207	1.442	ng/ul#	89
96) Benzo(g,h,i)perylene	27.686	276	322489	5.306	ng/ul	99

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

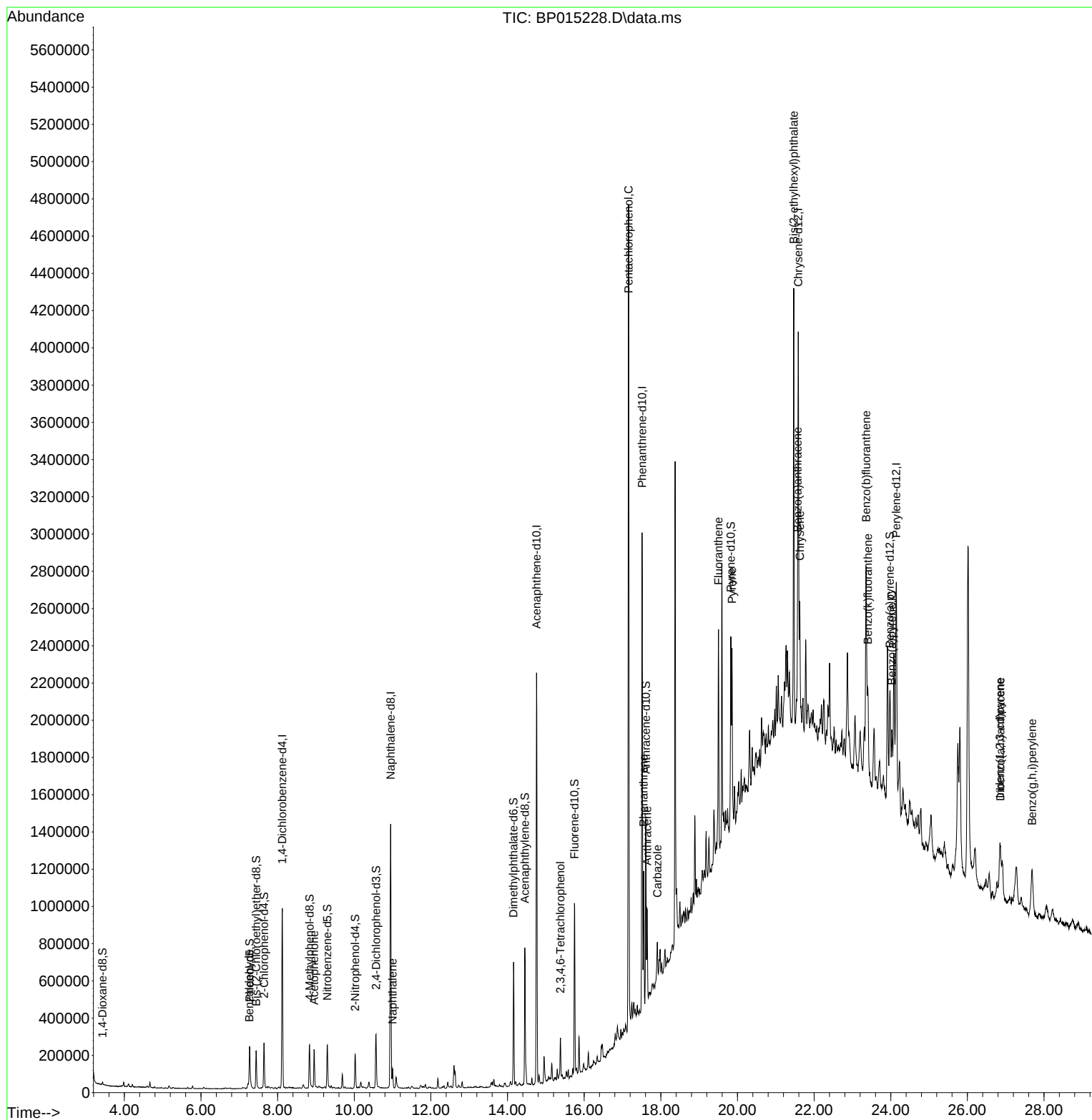
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
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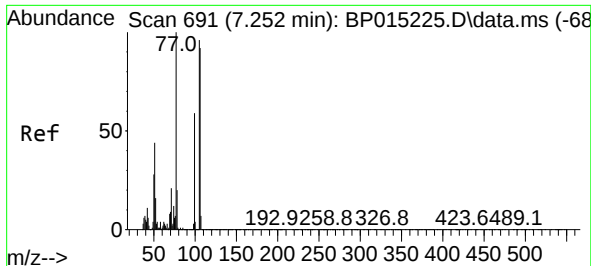
Instrument :
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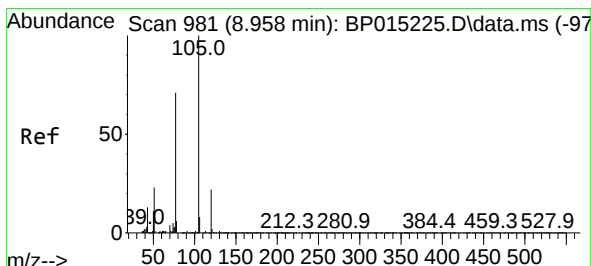
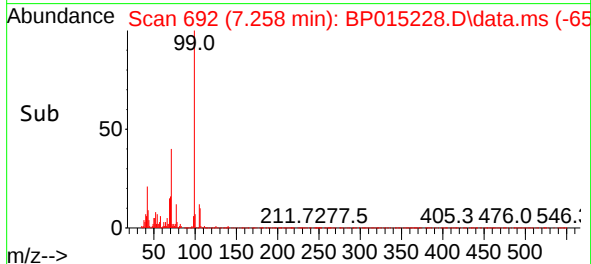
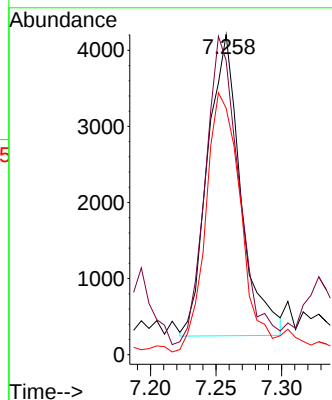
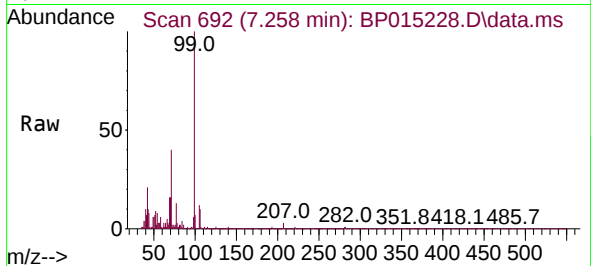
#6
Benzaldehyde
Concen: 1.032 ng/ul
RT: 7.258 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Instrument :
BNA_P
Client SampleId :
JRELODL

Tgt Ion: 77 Resp: 693
Ion Ratio Lower Upper
77 100
105 92.0 76.9 115.3
106 77.1 75.0 112.6

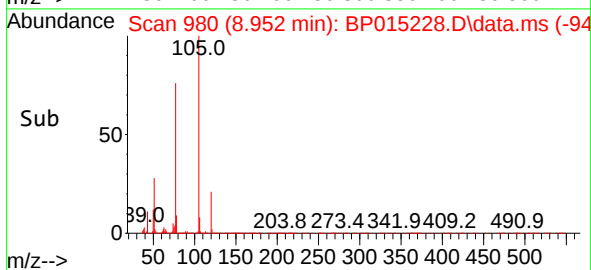
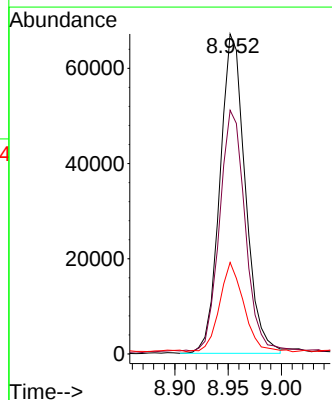
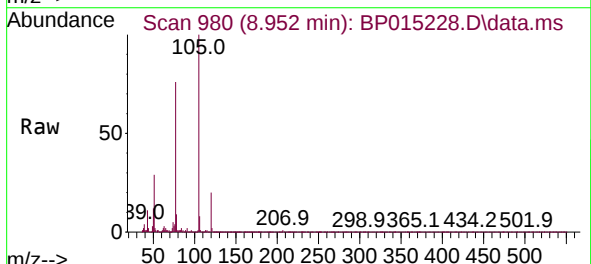
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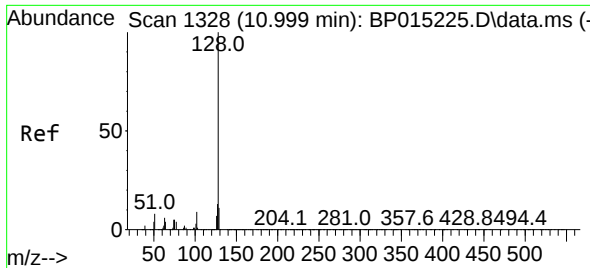
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#16
Acetophenone
Concen: 3.649 ng/ul
RT: 8.952 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Tgt Ion:105 Resp: 111034
Ion Ratio Lower Upper
105 100
77 76.1 59.4 89.2
51 28.6 19.2 28.8





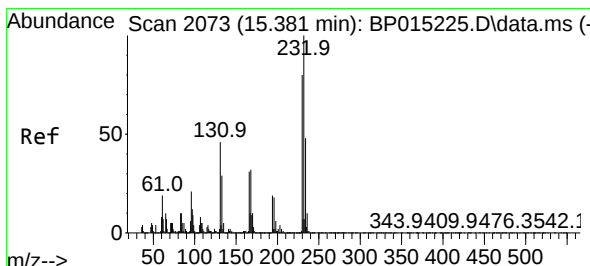
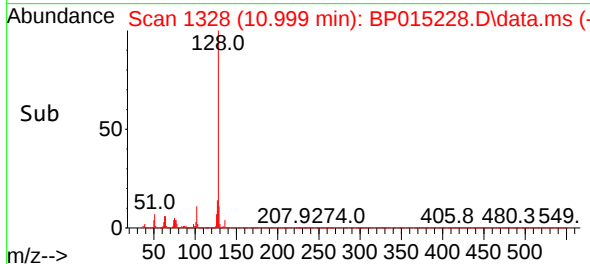
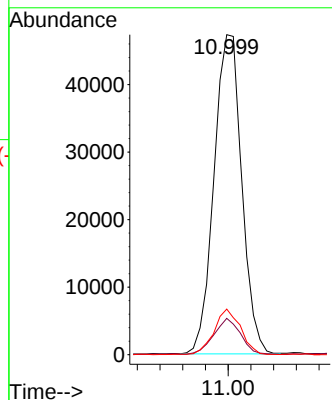
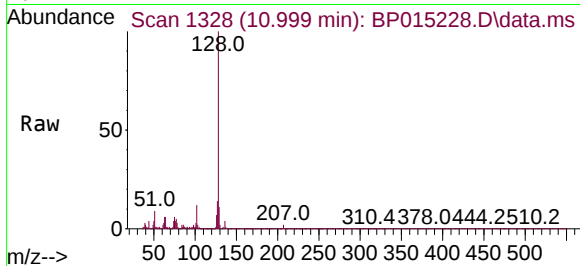
#30
Naphthalene
Concen: 1.245 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Instrument :
BNA_P
ClientSampleId :
JRELODL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	14.2	10.6	15.8

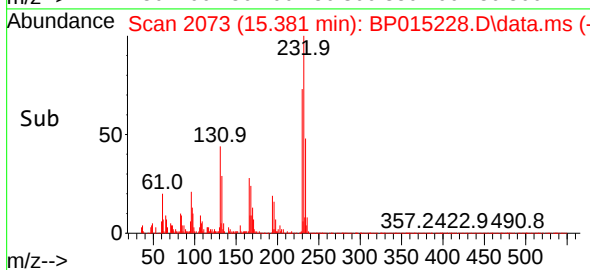
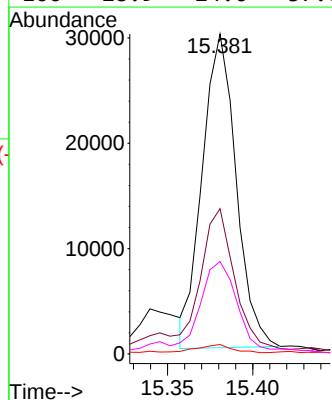
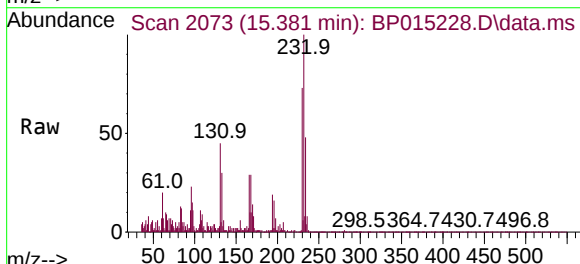
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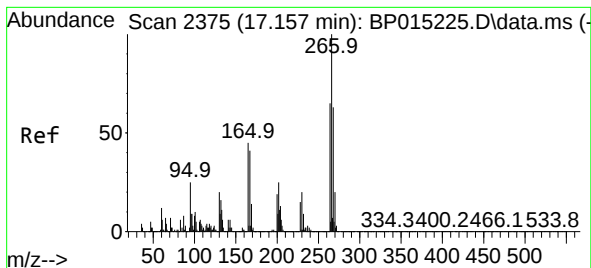
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.883 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.8	55.2
130	2.9	1.9	2.9#
166	28.9	24.6	37.0





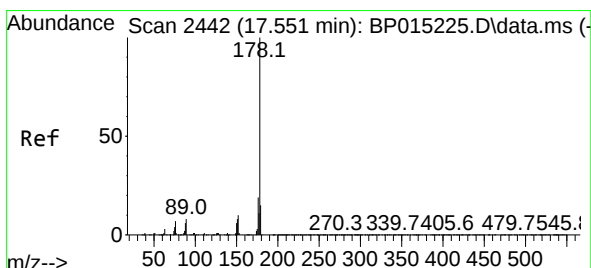
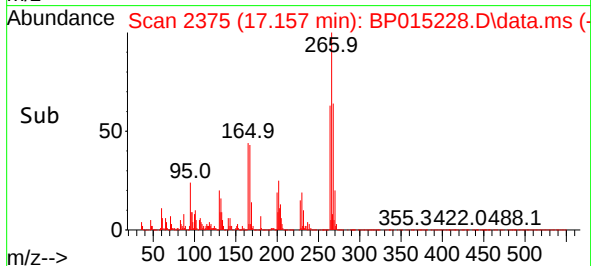
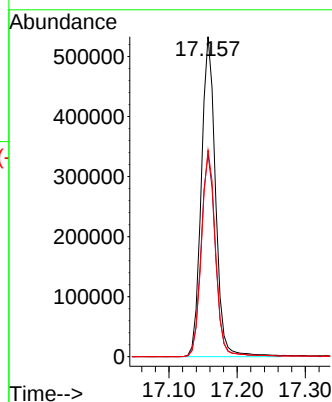
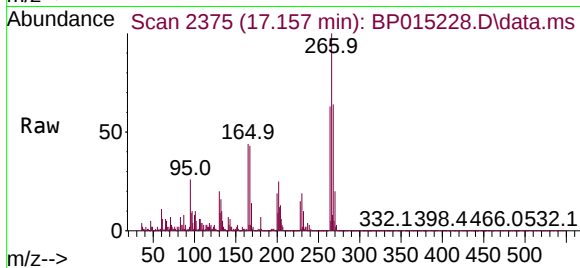
#71
Pentachlorophenol
Concen: 67.874 ng/u1
RT: 17.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Instrument :
BNA_P
ClientSampleId :
JRELODL

Tgt Ion:266 Resp: 77292
Ion Ratio Lower Upper
266 100
264 63.4 51.0 76.4
268 64.5 51.8 77.6

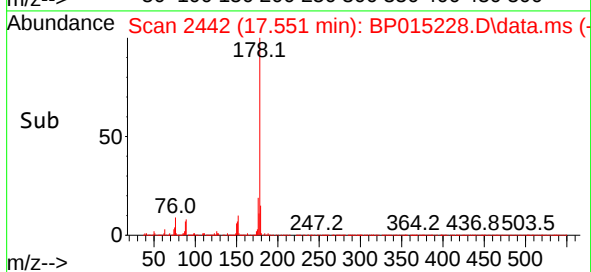
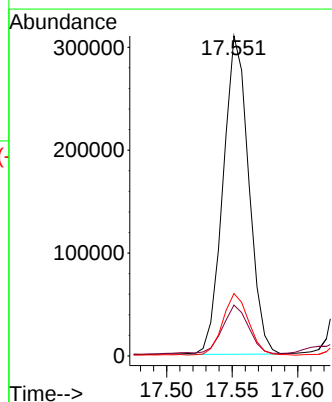
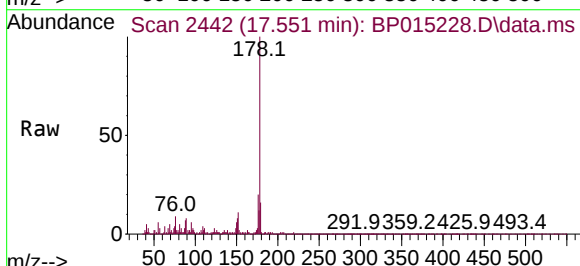
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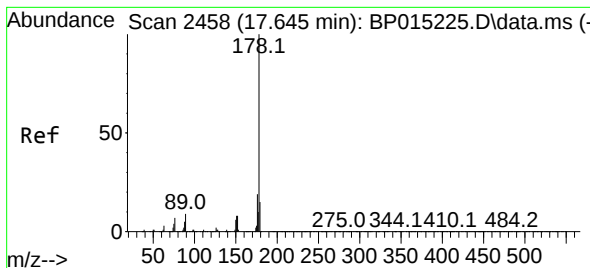
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#72
Phenanthrene
Concen: 5.160 ng/u1
RT: 17.551 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Tgt Ion:178 Resp: 420229
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.5 15.6 23.4





#74

Anthracene

Concen: 3.762 ng/u1

RT: 17.645 min Scan# 2458

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNP_P

ClientSampleId :

JRELODL

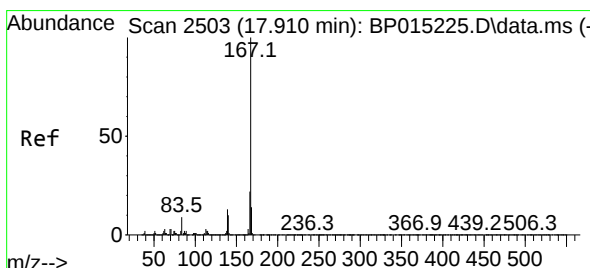
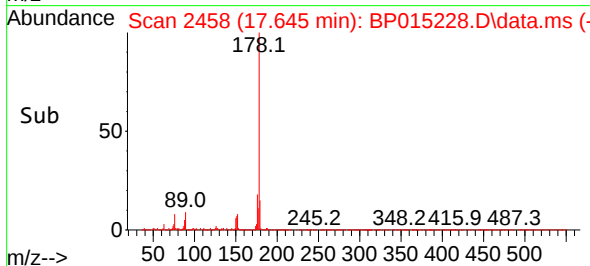
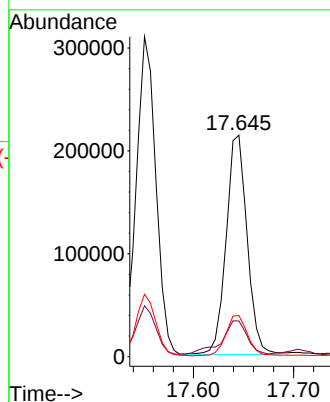
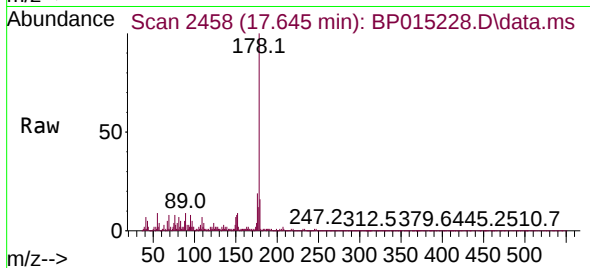
Tgt Ion:178	Resp:	30979
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.2 18.2
176	18.6	15.2 22.8

Manual Integrations

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#77

Carbazole

Concen: 1.381 ng/u1

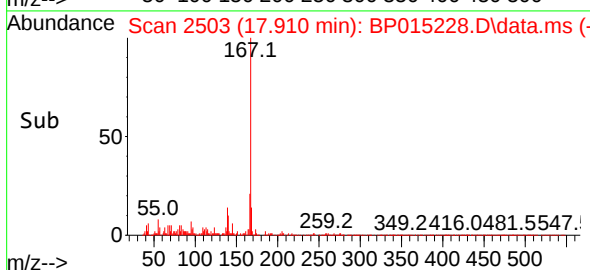
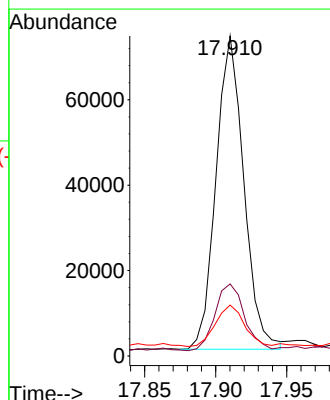
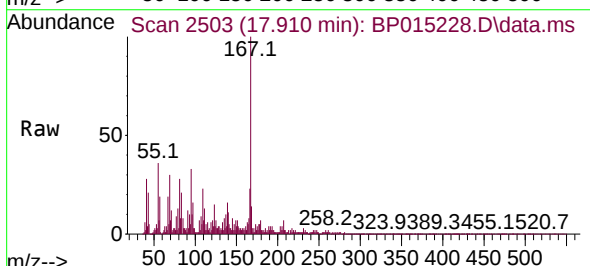
RT: 17.910 min Scan# 2503

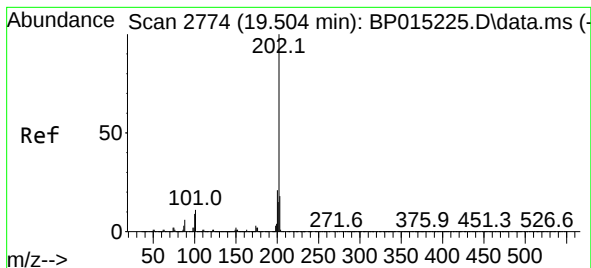
Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Tgt Ion:167	Resp:	99726
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.4 26.2
139	15.9	10.2 15.4





#80

Fluoranthene

Concen: 10.214 ng/u1

RT: 19.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

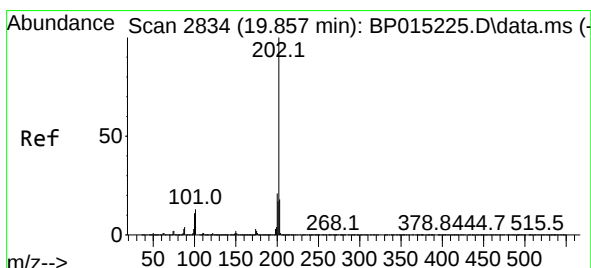
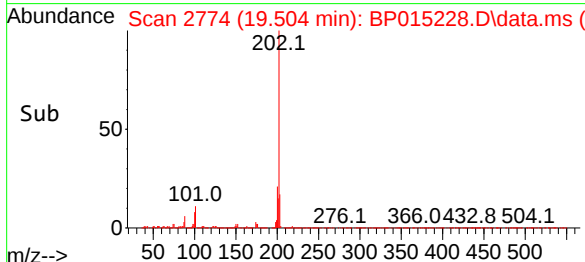
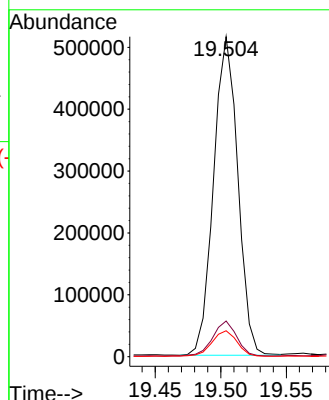
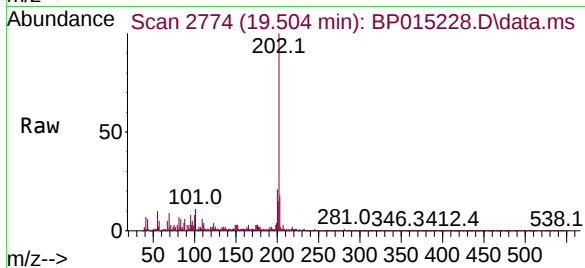
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Tgt Ion:202 Resp: 660950
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.5 14.3
 100 8.1 7.3 10.9

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#82

Pyrene

Concen: 8.060 ng/u1

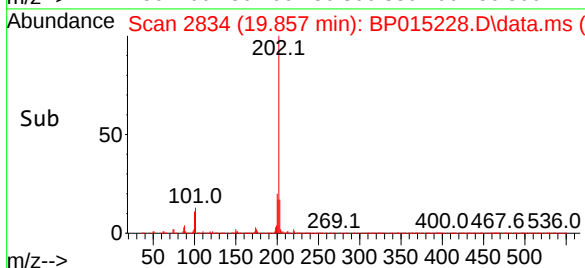
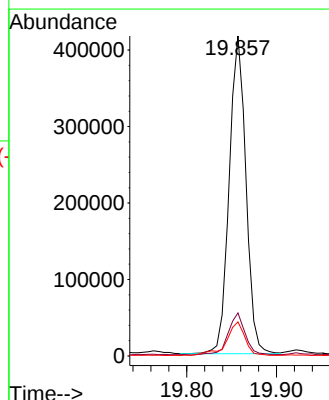
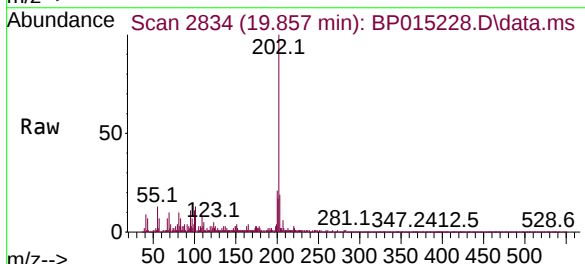
RT: 19.857 min Scan# 2834

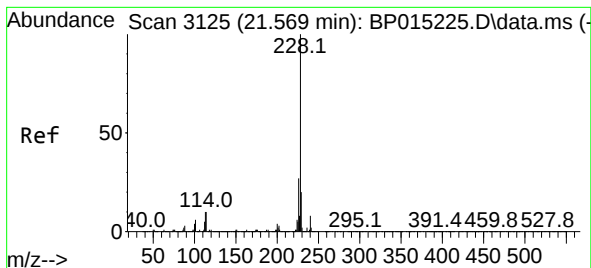
Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Tgt Ion:202 Resp: 538615
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.2 16.8
 100 10.6 9.0 13.6





#85

Benzo(a)anthracene

Concen: 3.612 ng/ul m

RT: 21.569 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNP_P

ClientSampleId :

JRELODL

Tgt Ion:228 Resp: 22862

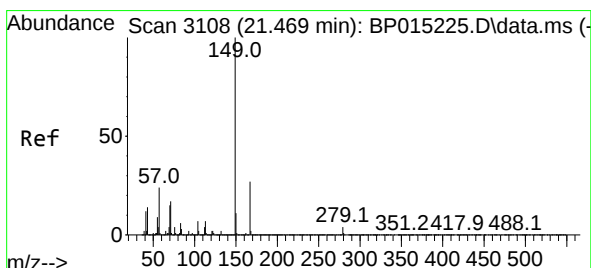
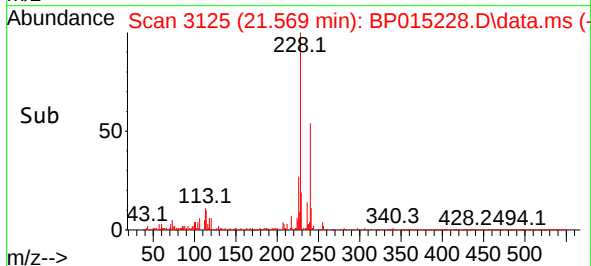
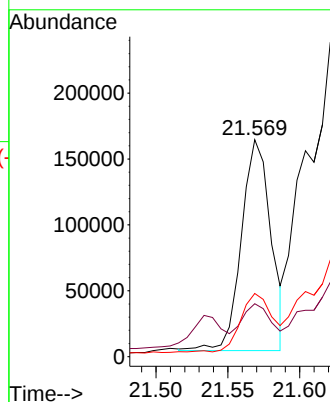
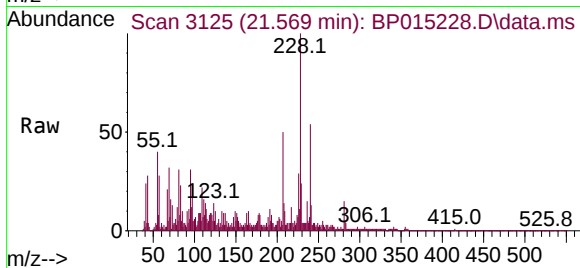
Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.1	24.1
226	29.1	21.9	32.9

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 19.701 ng/ul

RT: 21.469 min Scan# 3108

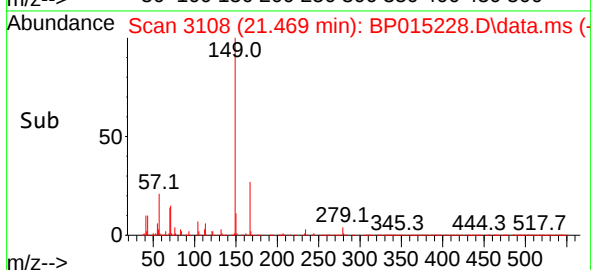
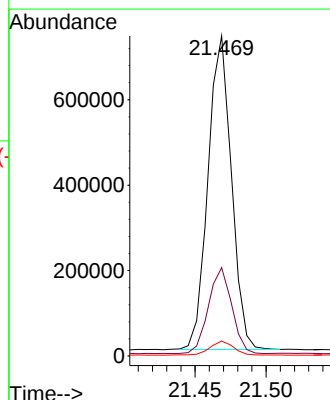
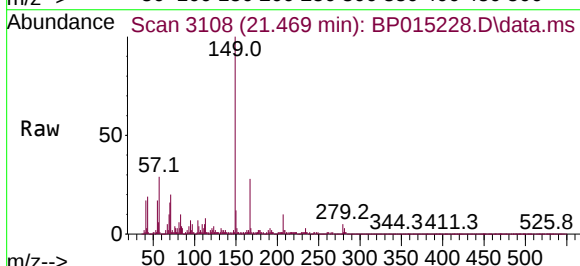
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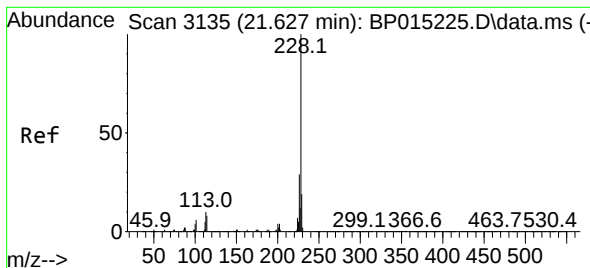
Lab File: BP015228.D

Acq: 22 May 2023 22:53

Tgt Ion:149 Resp: 840232

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.7	3.2	4.8





#87

Chrysene

Concen: 8.110 ng/ul

RT: 21.628 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

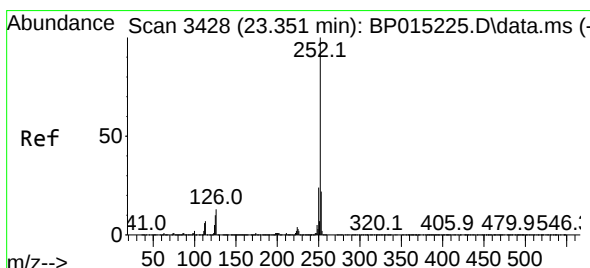
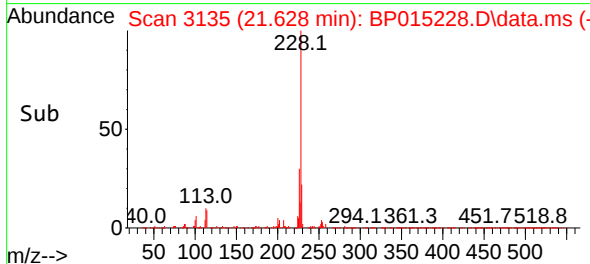
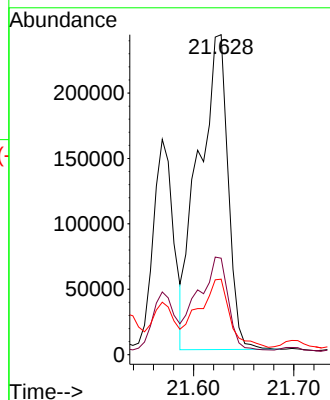
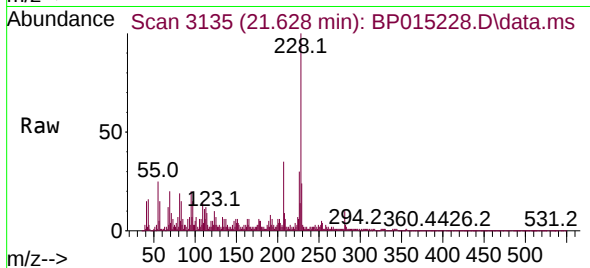
JRELODL

Tgt Ion:	228	Resp:	490672
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	23.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#90

Benzo(b)fluoranthene

Concen: 14.556 ng/ul

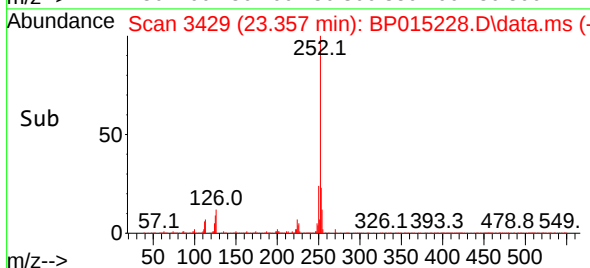
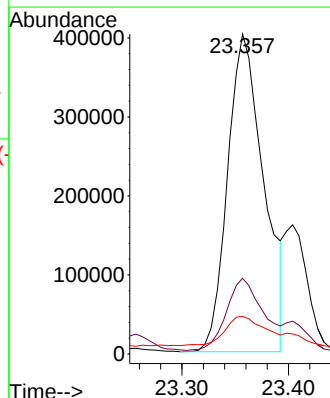
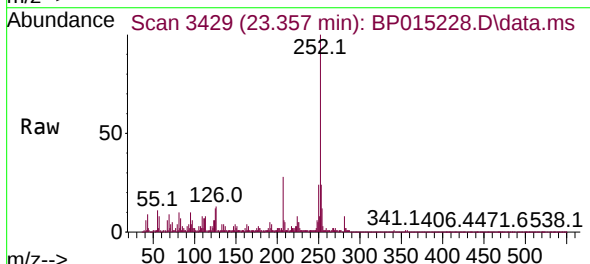
RT: 23.357 min Scan# 3429

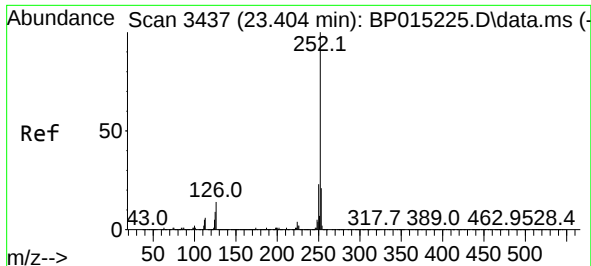
Delta R.T. 0.006 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

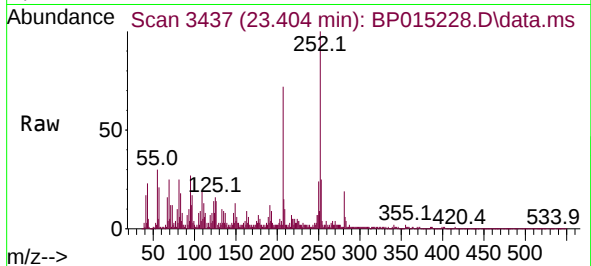
Tgt Ion:	252	Resp:	947881
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	11.8	8.3	12.5





#91
Benzo(k)fluoranthene
Concen: 3.897 ng/ul m
RT: 23.404 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

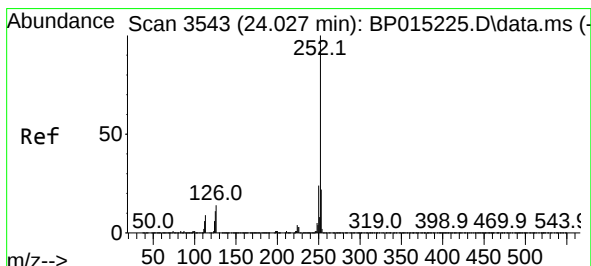
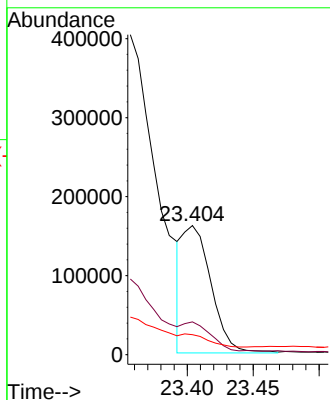
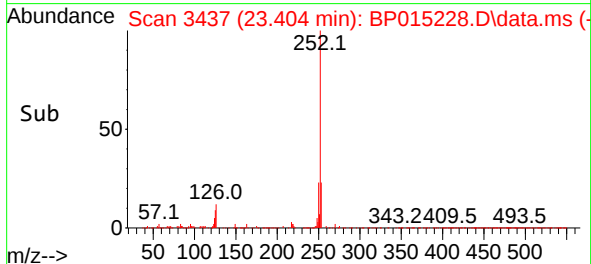
Instrument :
BNA_P
ClientSampleId :
JRELODL



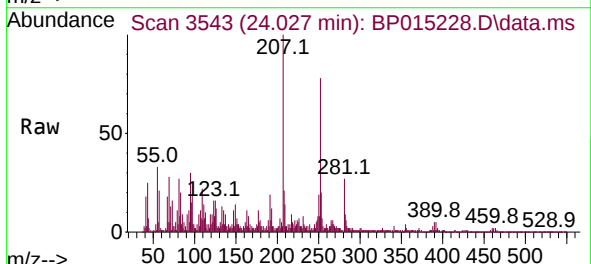
Tgt Ion:252 Resp: 243692
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 15.5 8.5 12.7

Manual Integrations
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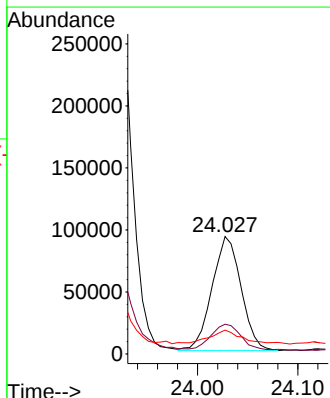
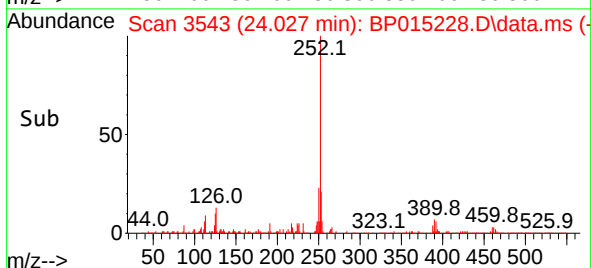
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

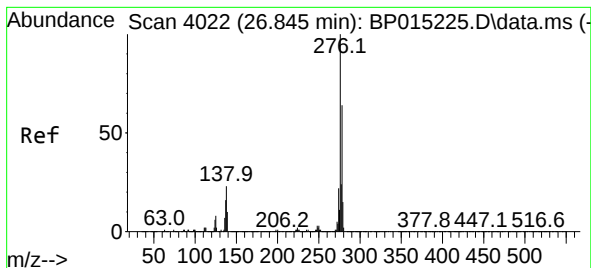


#93
Benzo(a)pyrene
Concen: 3.220 ng/ul
RT: 24.027 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53



Tgt Ion:252 Resp: 185341
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 20.3 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.690 ng/ul

RT: 26.851 min Scan# 4022

Delta R.T. 0.006 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL

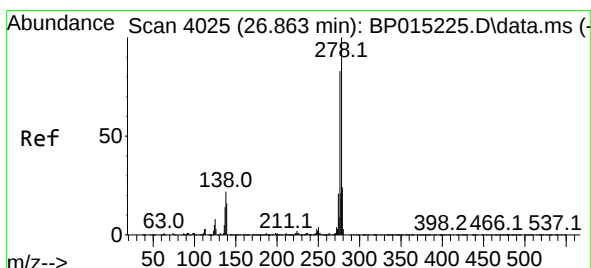
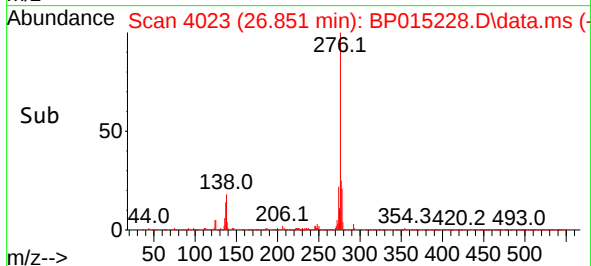
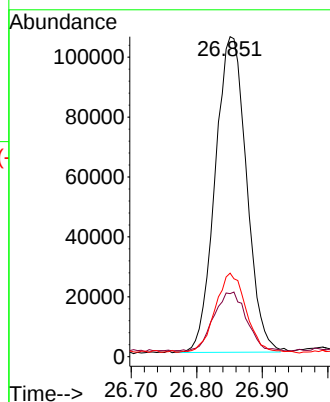
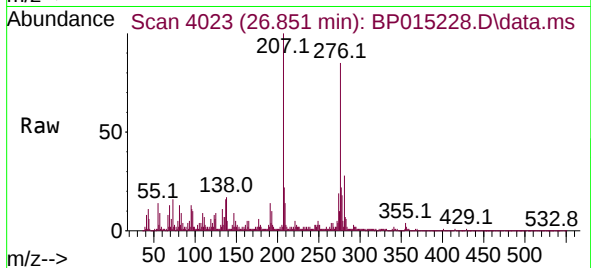
Tgt Ion:	276	Resp:	349574
Ion Ratio	Lower	Upper	
276	100		
138	19.7	20.1	30.1
277	26.1	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.442 ng/ul

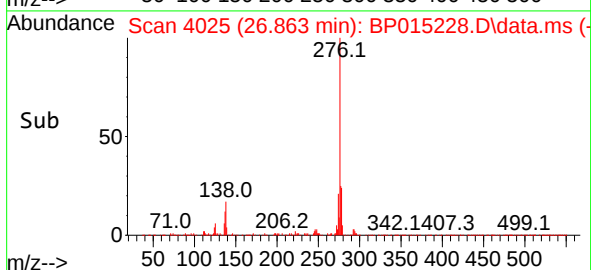
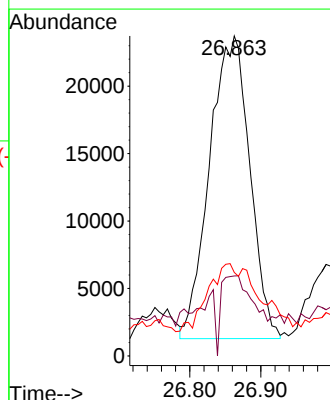
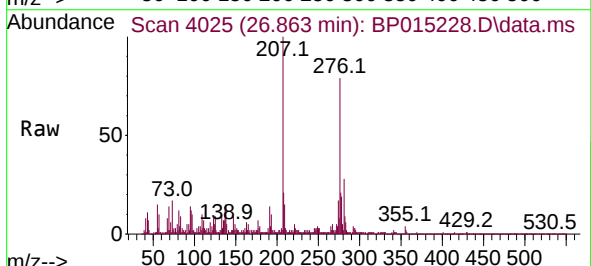
RT: 26.863 min Scan# 4025

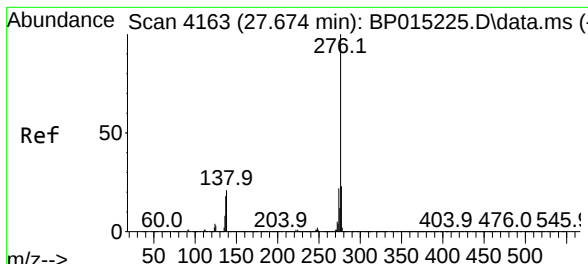
Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

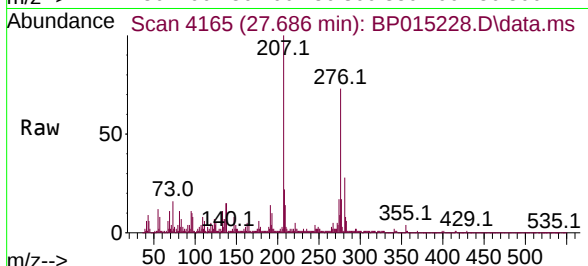
Tgt Ion:	278	Resp:	88207
Ion Ratio	Lower	Upper	
278	100		
139	25.0	13.3	19.9
279	26.1	19.1	28.7





#96
 Benzo(g,h,i)perylene
 Concen: 5.306 ng/ul
 RT: 27.686 min Scan# 4165
 Delta R.T. 0.012 min
 Lab File: BP015228.D
 Acq: 22 May 2023 22:53

Instrument :
 BNA_P
 ClientSampleId :
 JRELODL



Tgt Ion: 276 Resp: 322489

Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.7	26.5
277	23.5	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

