

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012329.D
 Acq On : 26 Oct 2022 15:13
 Operator : CG/JU
 Sample : N5064-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP5DL

Quant Time: Oct 27 00:23:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	239408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1132146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	776271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1791118	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1986991	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	2368281	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	5255	0.884	ng/uL	0.00
4) Pyridine-d5	3.717	84	15181m	0.889	ng/u1	0.04
7) Phenol-d5	6.987	99	100608	4.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	67884	5.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	82446	5.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	68946	4.060	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	36292	4.943	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	36692	4.815	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	77732	4.707	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	87570	3.561	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	318534	5.994	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	326686	5.380	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	22684	2.255	ng/u1	0.02
60) Fluorene-d10	15.457	176	299461	6.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	25892	2.777	ng/u1	0.00
73) Anthracene-d10	17.322	188	478927	6.206	ng/u1	0.00
81) Pyrene-d10	19.557	212	631943	6.335	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	736369	6.364	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.181	152	150357	2.208	ng/u1	98
72) Phenanthrene	17.263	178	1429257	15.105	ng/u1	99
74) Anthracene	17.357	178	248442	2.643	ng/u1	98
80) Fluoranthene	19.239	202	4004479	32.512	ng/u1	98
82) Pyrene	19.592	202	3428130	26.871	ng/u1	98
85) Benzo(a)anthracene	21.298	228	2002710	15.799	ng/u1	99
87) Chrysene	21.351	228	1931074	16.295	ng/u1	98
90) Benzo(b)fluoranthene	22.980	252	2606111	17.378	ng/u1	99
91) Benzo(k)fluoranthene	23.021	252	980581m	6.861	ng/u1	
93) Benzo(a)pyrene	23.604	252	1925215	14.701	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.192	276	1378030	8.444	ng/u1	95
95) Dibenzo(a,h)anthracene	26.204	278	356627m	2.441	ng/u1	
96) Benzo(g,h,i)perylene	26.968	276	1122303	7.780	ng/u1	99

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

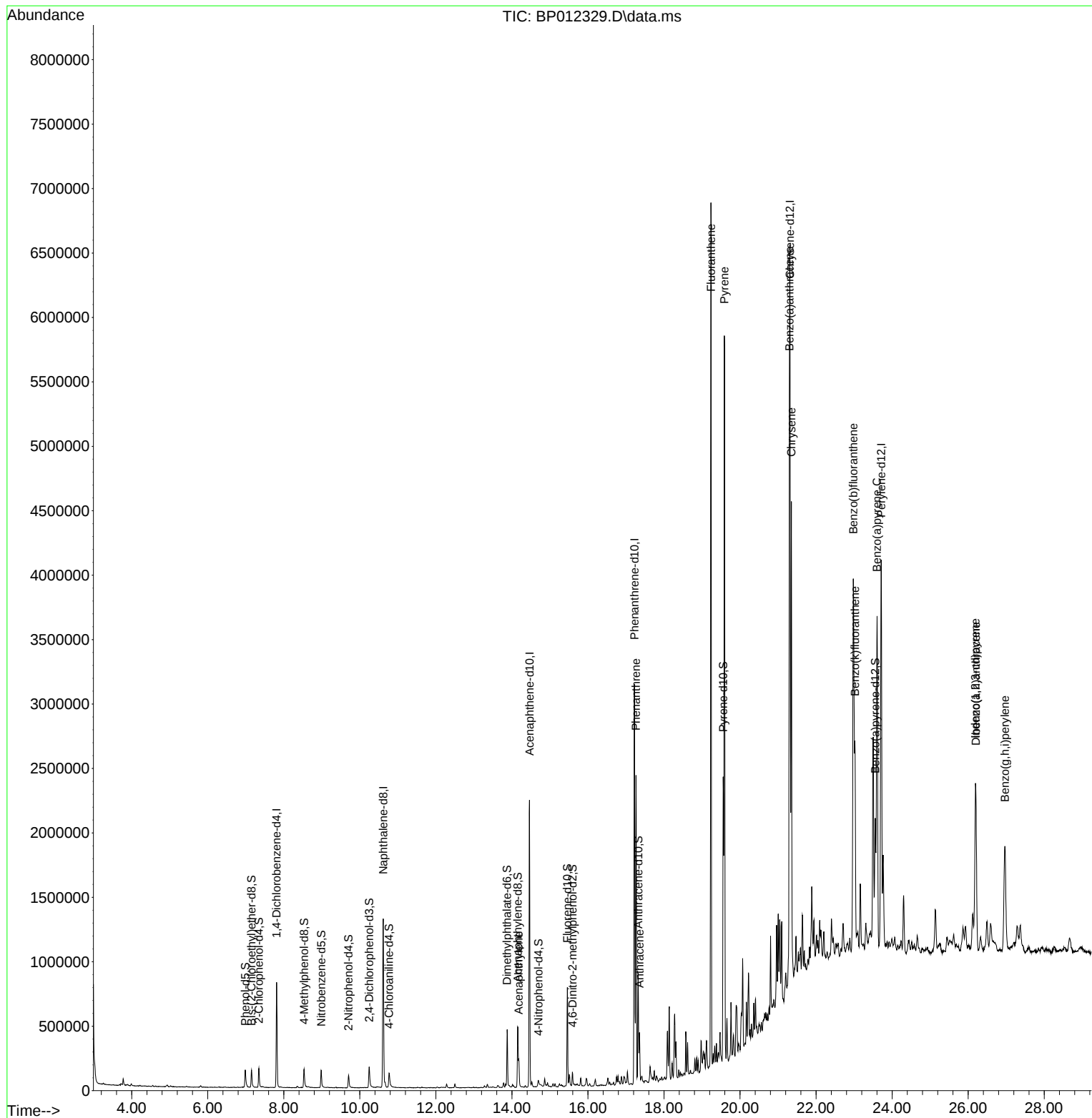
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012329.D
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 ALS Vial : 6 Sample Multiplier: 1

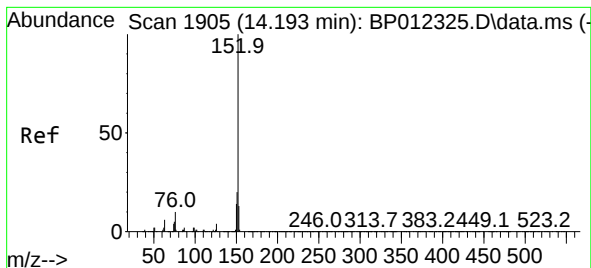
Instrument :
 BNA_P
 ClientSampleId :
 C0BP5DL

Quant Time: Oct 27 00:23:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
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#50

Acenaphthylene

Concen: 2.208 ng/ul

RT: 14.181 min Scan# 1903

Delta R.T. -0.005 min

Lab File: BP012329.D

Acq: 26 Oct 2022 15:13

Instrument :

BNA_P

ClientSampleId :

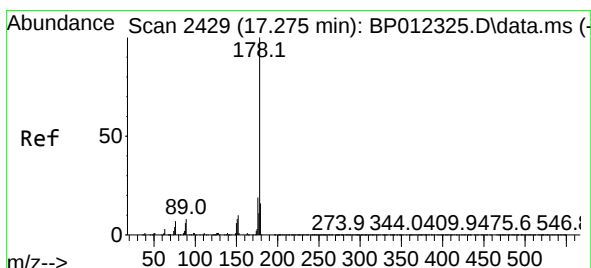
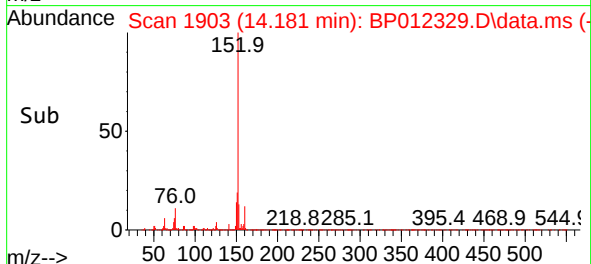
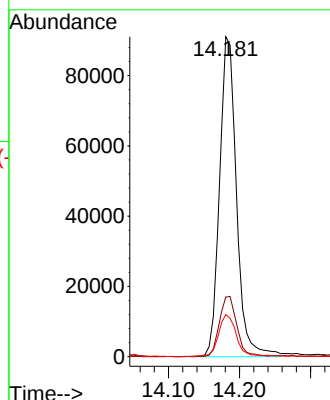
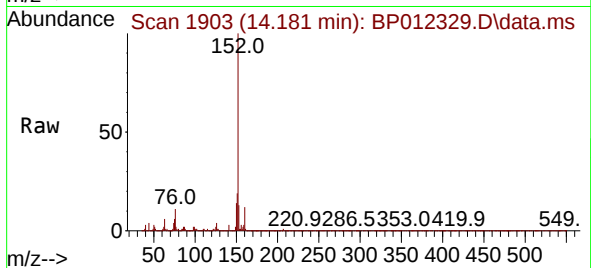
C0BP5DL

Tgt Ion:	152	Resp:	15035
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.1	24.1
153	13.2	10.8	16.2

Manual Integrations

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#72

Phenanthrene

Concen: 15.105 ng/ul

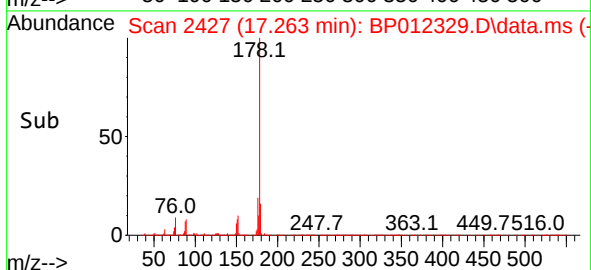
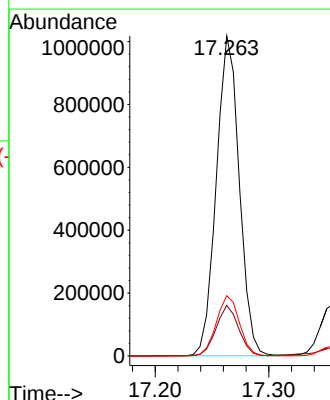
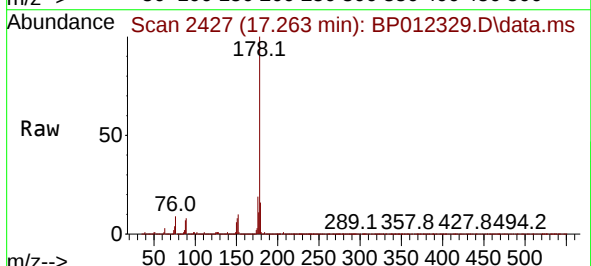
RT: 17.263 min Scan# 2427

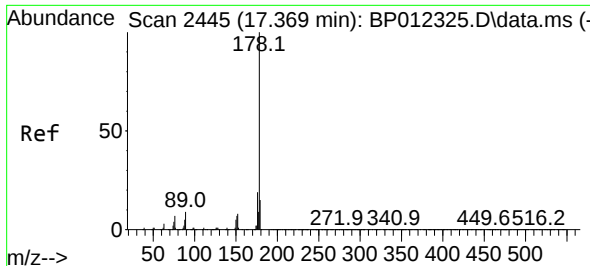
Delta R.T. -0.006 min

Lab File: BP012329.D

Acq: 26 Oct 2022 15:13

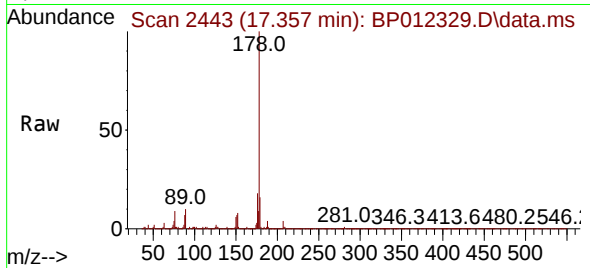
Tgt Ion:	178	Resp:	1429257
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	18.8
176	18.8	15.8	23.6





#74
 Anthracene
 Concen: 2.643 ng/u1
 RT: 17.357 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BP012329.D
 Acq: 26 Oct 2022 15:13

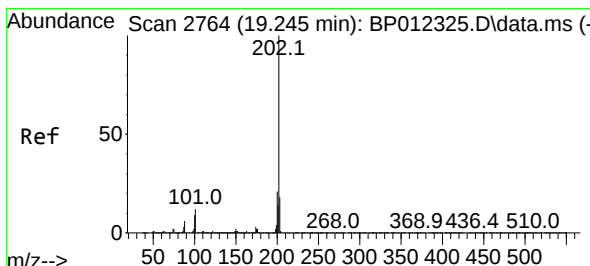
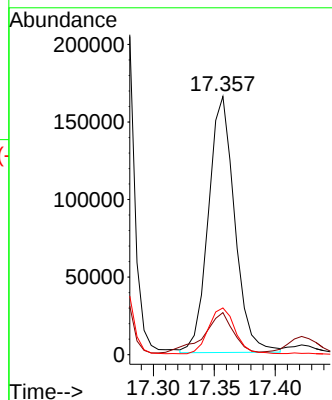
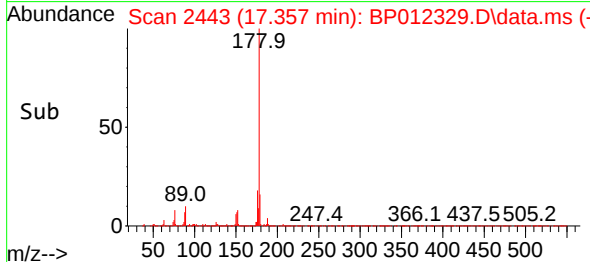
Instrument :
 BNA_P
 ClientSampleId :
 C0BP5DL



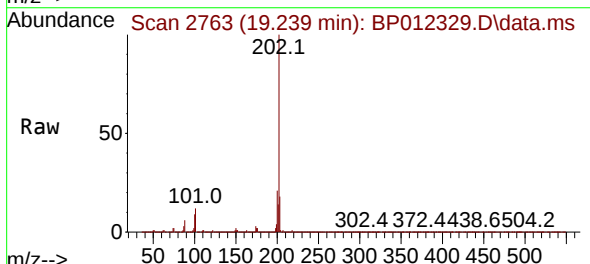
Tgt Ion:178 Resp: 24844
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.5 18.7
 176 18.1 15.3 22.9

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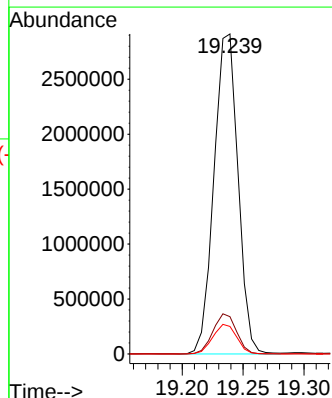
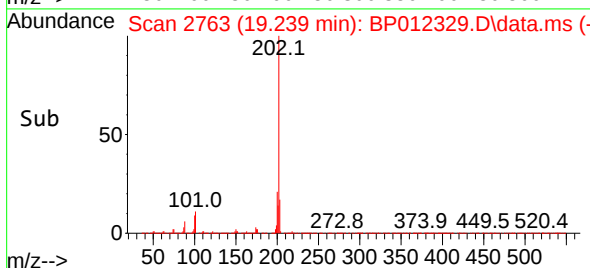
Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

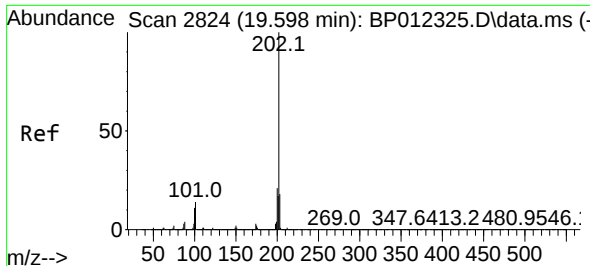


#80
 Fluoranthene
 Concen: 32.512 ng/u1
 RT: 19.239 min Scan# 2763
 Delta R.T. 0.000 min
 Lab File: BP012329.D
 Acq: 26 Oct 2022 15:13



Tgt Ion:202 Resp: 4004479
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.9 14.9
 100 8.6 7.4 11.2





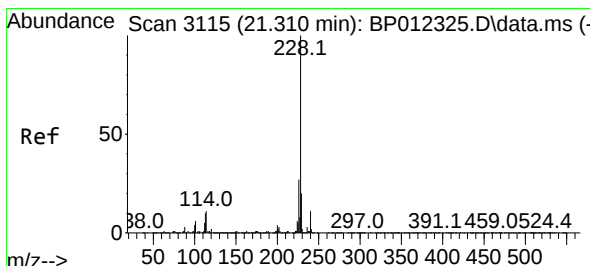
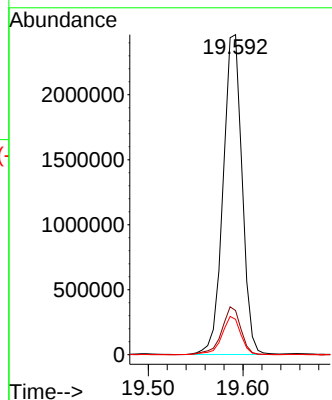
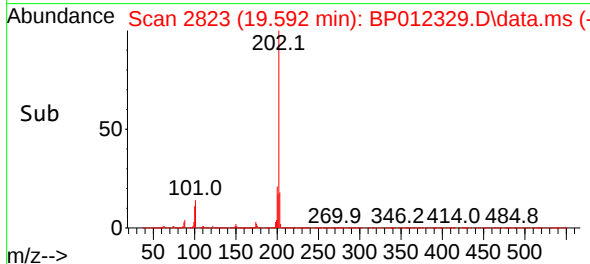
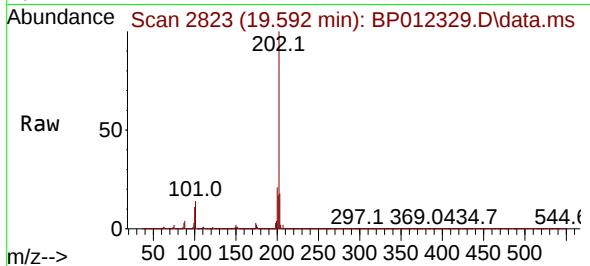
#82
Pyrene
Concen: 26.871 ng/ul
RT: 19.592 min Scan# 2824
Delta R.T. 0.000 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

Tgt Ion:202 Resp: 3428130
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.0 9.3 13.9

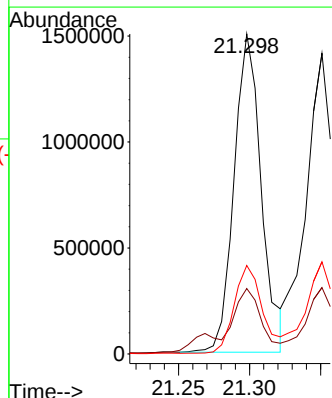
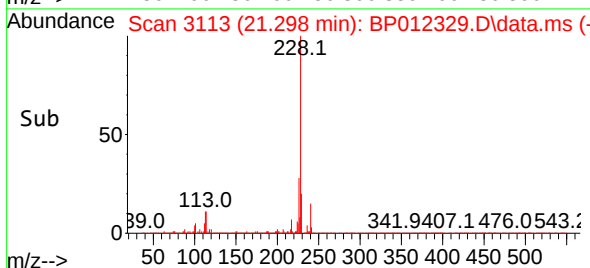
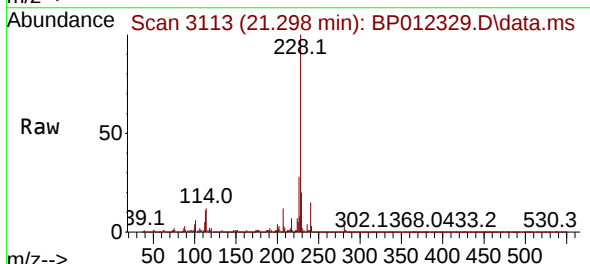
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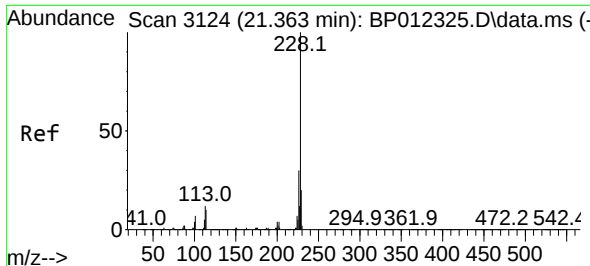
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#85
Benzo(a)anthracene
Concen: 15.799 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

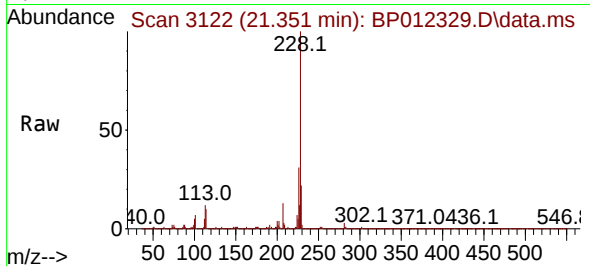
Tgt Ion:228 Resp: 2002710
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 27.7 22.6 33.8





#87
Chrysene
Concen: 16.295 ng/ul
RT: 21.351 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

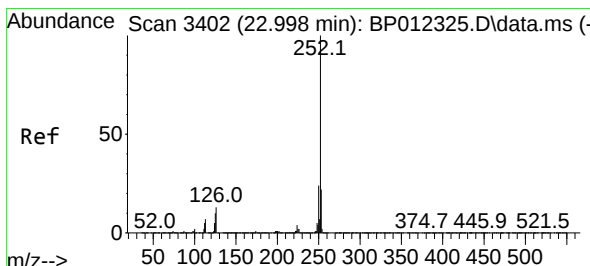
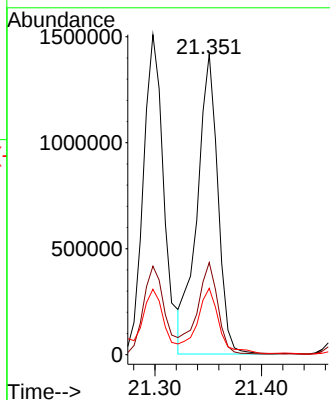
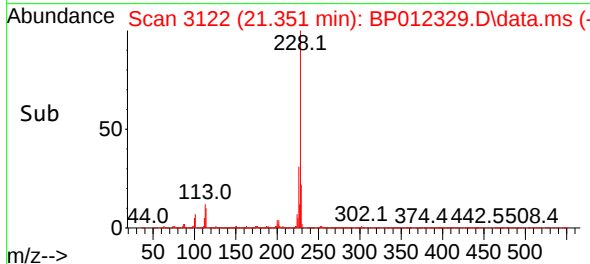
Instrument :
BNA_P
ClientSampleId :
C0BP5DL



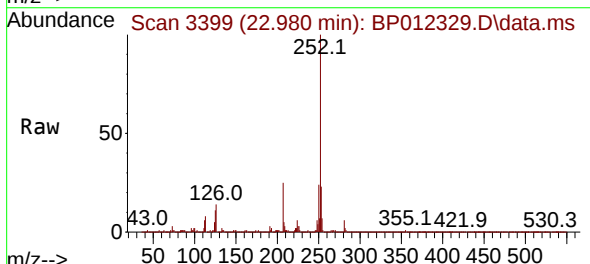
Tgt Ion:228 Resp: 1931074
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.1 16.0 24.0

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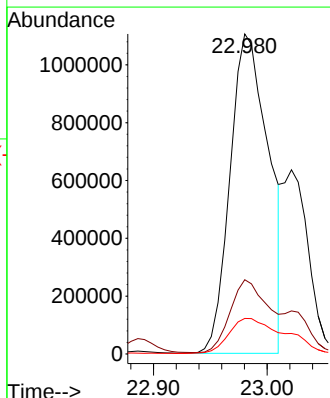
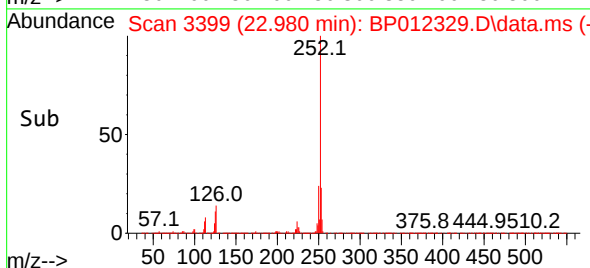
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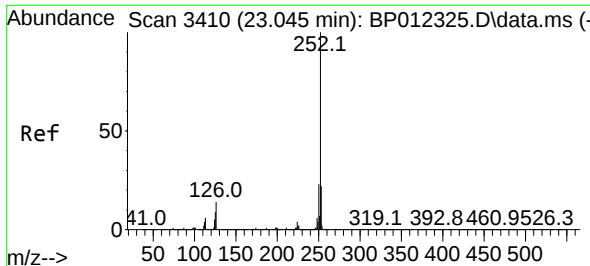


#90
Benzo(b)fluoranthene
Concen: 17.378 ng/ul
RT: 22.980 min Scan# 3399
Delta R.T. 0.000 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13



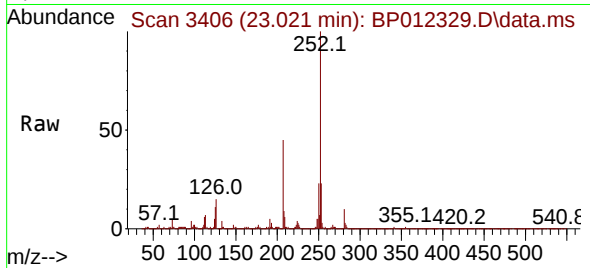
Tgt Ion:252 Resp: 2606111
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.1 8.7 13.1





#91
Benzo(k)fluoranthene
Concen: 6.861 ng/ul m
RT: 23.021 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

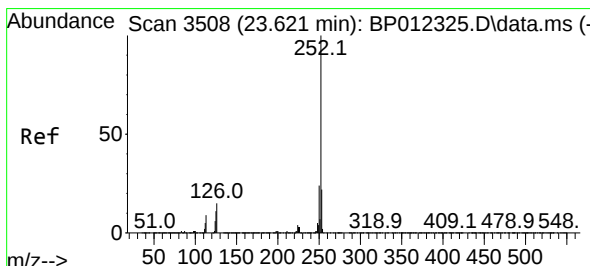
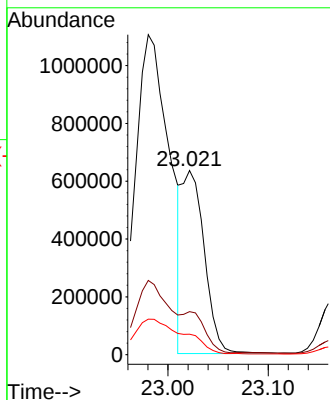
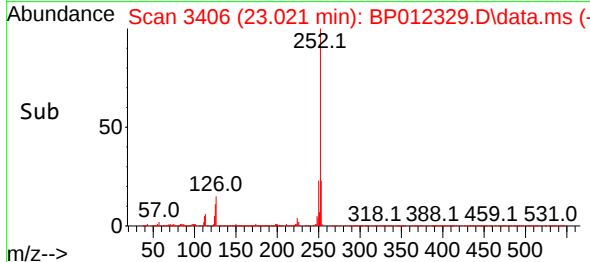
Instrument :
BNA_P
ClientSampleId :
C0BP5DL



Tgt Ion:252 Resp: 98058
Ion Ratio Lower Upper
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253 23.3 18.0 27.0
125 11.2 8.7 13.1

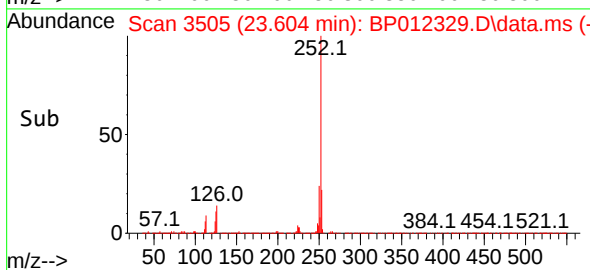
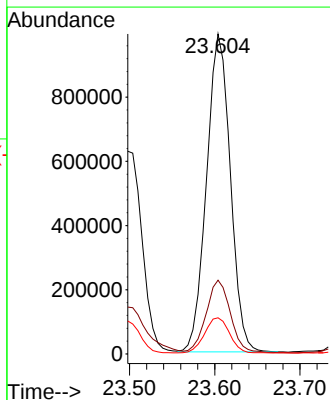
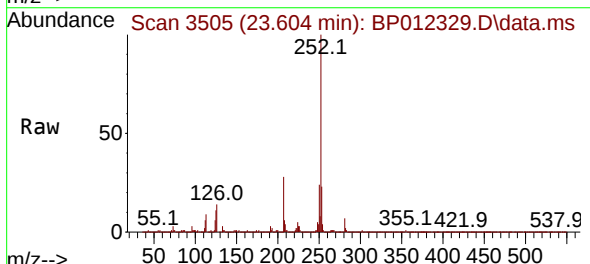
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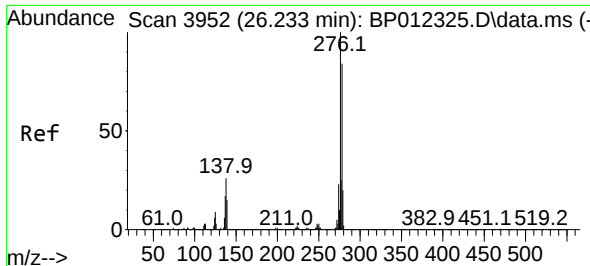
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#93
Benzo(a)pyrene
Concen: 14.701 ng/ul
RT: 23.604 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

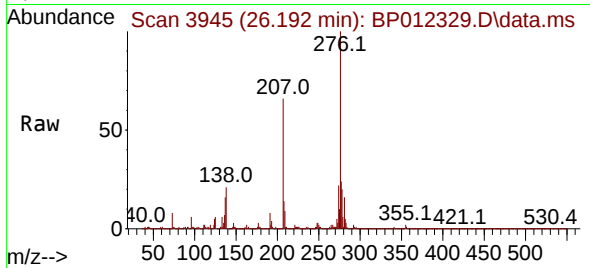
Tgt Ion:252 Resp: 1925215
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 11.3 9.4 14.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 8.444 ng/ul
RT: 26.192 min Scan# 3945
Delta R.T. -0.011 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13

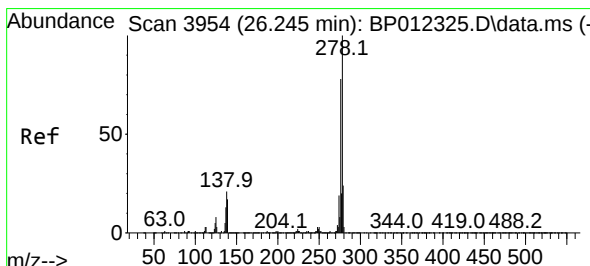
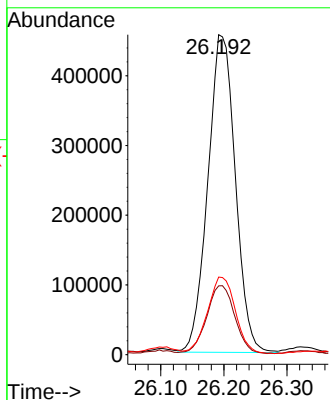
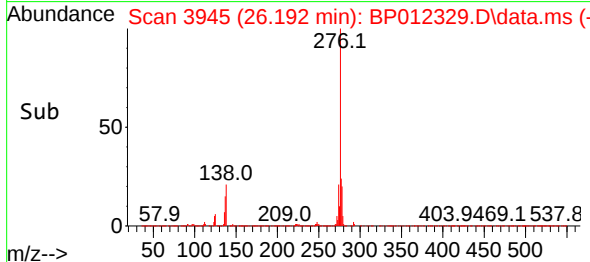
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C0BP5DL



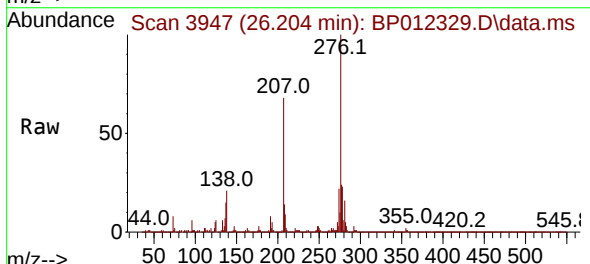
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Ion Ratio Lower Upper
276 100
138 21.5 20.7 31.1
277 24.3 20.2 30.4

Manual Integrations
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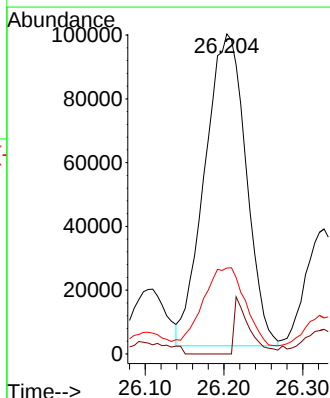
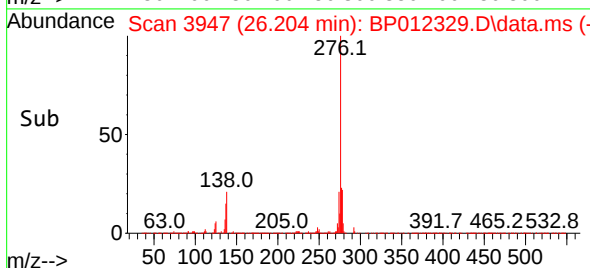
Reviewed By :Jagrut Upadhyay 10/27/2022
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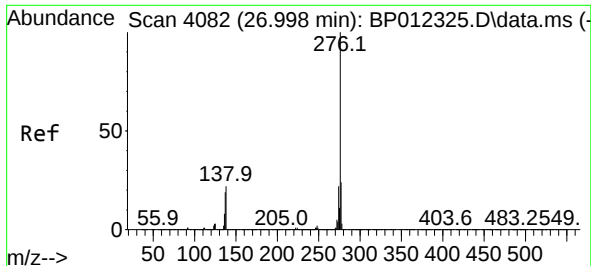


#95
Dibenzo(a,h)anthracene
Concen: 2.441 ng/ul m
RT: 26.204 min Scan# 3947
Delta R.T. -0.017 min
Lab File: BP012329.D
Acq: 26 Oct 2022 15:13



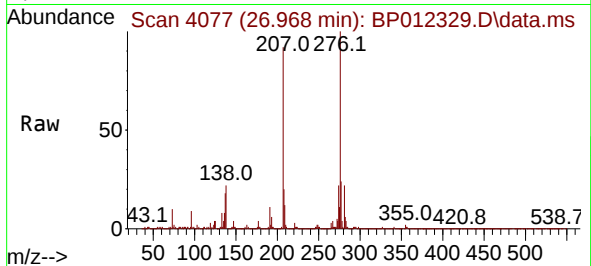
Tgt Ion:278 Resp: 356627
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8#
279 26.9 19.4 29.0





#96
 Benzo(g,h,i)perylene
 Concen: 7.780 ng/ul
 RT: 26.968 min Scan# 4082
 Delta R.T. -0.006 min
 Lab File: BP012329.D
 Acq: 26 Oct 2022 15:13

Instrument :
 BNA_P
 ClientSampleId :
 C0BP5DL



Tgt Ion:276 Resp: 112230
 Ion Ratio Lower Upper
 276 100
 138 22.1 17.8 26.8
 277 23.6 19.5 29.3

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