

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015613.D
 Acq On : 19 Jun 2023 20:36
 Operator : MA/JU
 Sample : 03080-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 19 23:51:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	128452	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	572922	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	376256	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	864796	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	734273	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	752332	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10719	3.090	ng/uL	0.00
4) Pyridine-d5	3.852	84	118034	13.100	ng/u1	0.00
7) Phenol-d5	7.246	99	228163	19.281	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	168679	23.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	193240	22.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	101746	10.476	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	115056	25.579	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	132929	25.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	188638	20.132	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	130160	9.677	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	778645	26.243	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	875390	26.982	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	90629	17.057	ng/u1	0.02
60) Fluorene-d10	15.722	176	656520	26.240	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	62525	11.413	ng/u1	0.00
73) Anthracene-d10	17.586	188	973668	24.746	ng/u1	0.00
81) Pyrene-d10	19.810	212	1227147	31.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1003853	26.593	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	275828	5.943	ng/u1	100
74) Anthracene	17.622	178	64317	1.366	ng/u1	97
80) Fluoranthene	19.486	202	762266	15.923	ng/u1	99
82) Pyrene	19.839	202	665175	13.431	ng/u1	97
85) Benzo(a)anthracene	21.551	228	382273	7.447	ng/u1	98
87) Chrysene	21.604	228	395830	8.158	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	653144	13.449	ng/u1#	96
91) Benzo(k)fluoranthene	23.380	252	192797m	4.107	ng/u1	
93) Benzo(a)pyrene	24.004	252	421843	9.963	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.815	276	363493	6.634	ng/u1	97
95) Dibenzo(a,h)anthracene	26.821	278	93351	2.091	ng/u1#	77
96) Benzo(g,h,i)perylene	27.656	276	338953	7.506	ng/u1	98

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

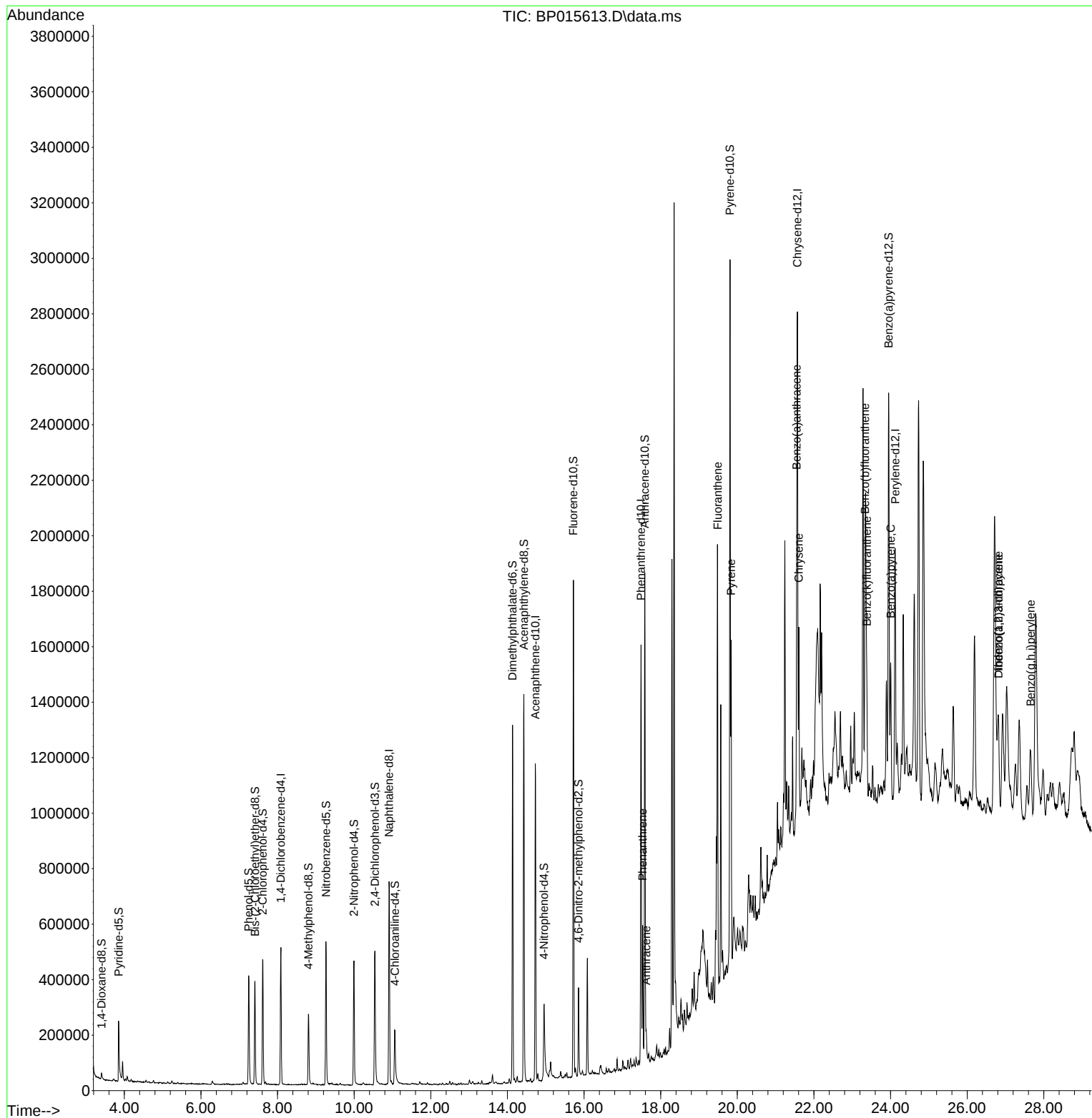
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015613.D
Acq On : 19 Jun 2023 20:36
Operator : MA/JU
Sample : 03080-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

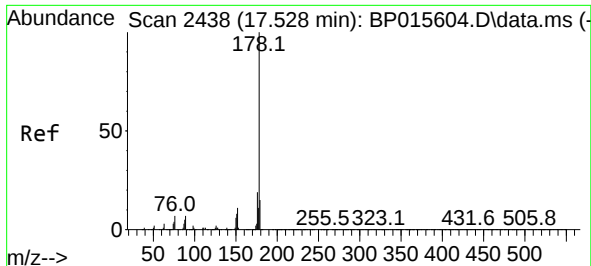
Instrument :
BNA_P
ClientSampleId :
DCFJ5

Manual Integrations
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Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023

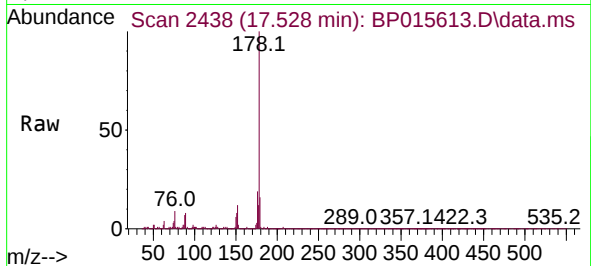
Quant Time: Jun 19 23:51:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.943 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

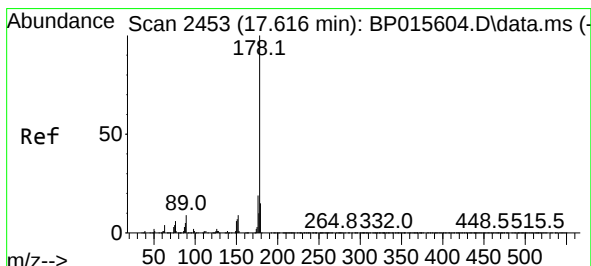
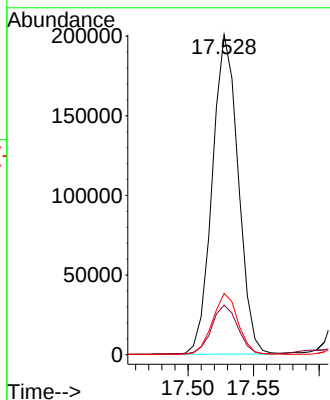
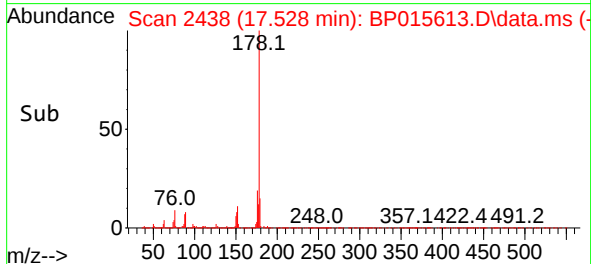
Instrument :
BNA_P
ClientSampleId :
DCFJ5



Tgt Ion:178 Resp: 275828
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.1 15.4 23.0

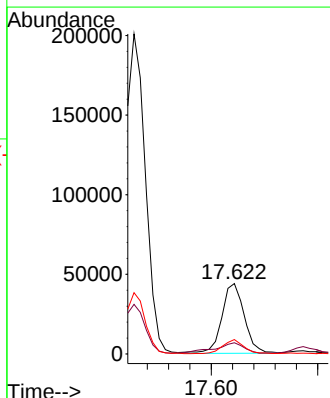
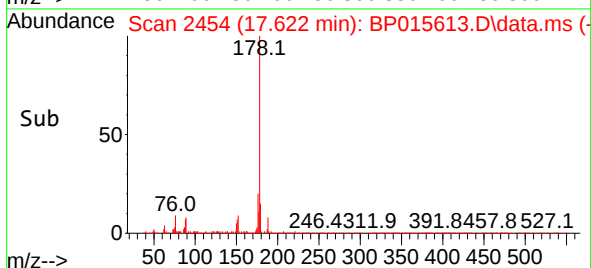
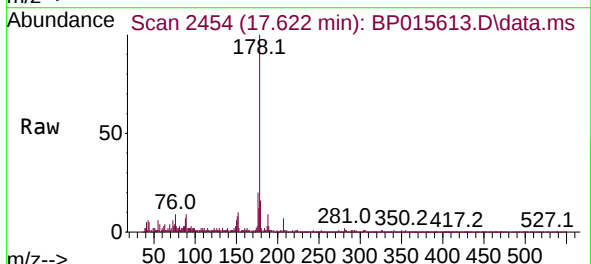
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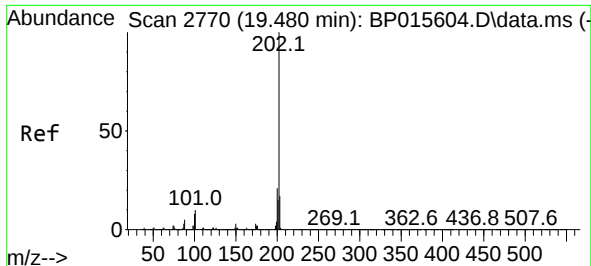
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#74
Anthracene
Concen: 1.366 ng/ul
RT: 17.622 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

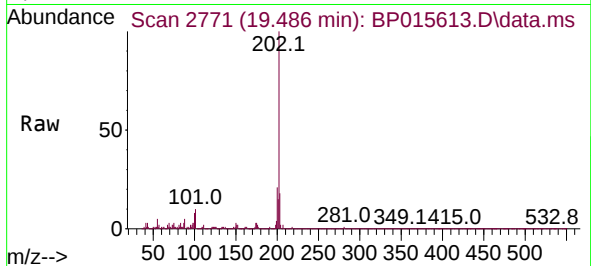
Tgt Ion:178 Resp: 64317
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.5 15.0 22.4





#80
Fluoranthene
Concen: 15.923 ng/ul
RT: 19.486 min Scan# 2770
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

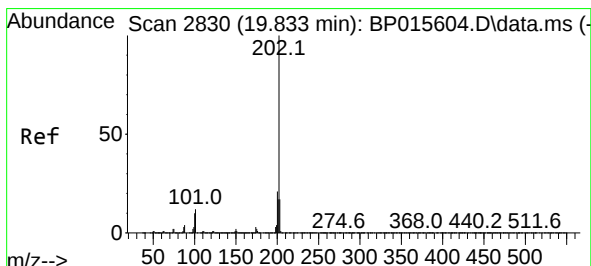
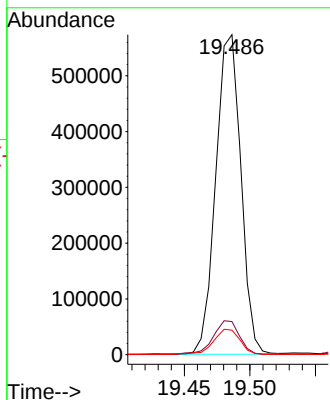
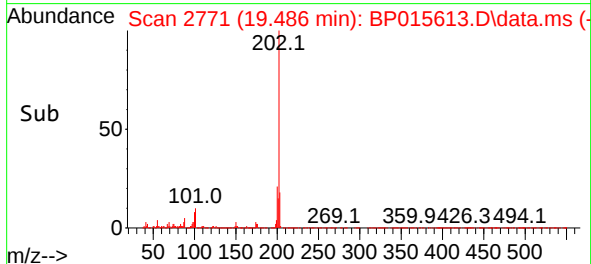
Instrument :
BNA_P
ClientSampleId :
DCFJ5



Tgt Ion:202 Resp: 762260
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 7.6 6.6 9.8

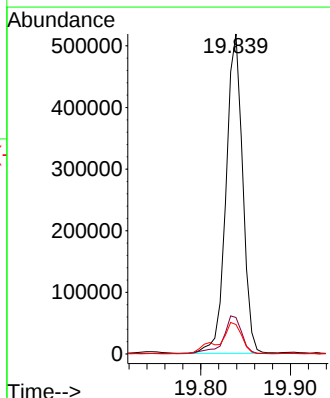
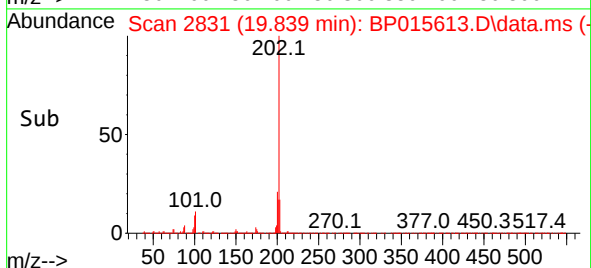
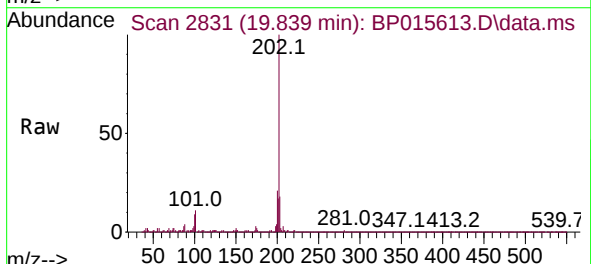
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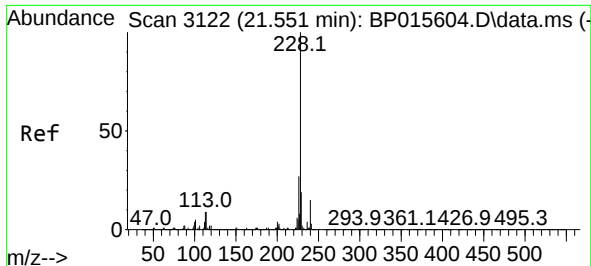
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#82
Pyrene
Concen: 13.431 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Tgt Ion:202 Resp: 665175
Ion Ratio Lower Upper
202 100
101 11.4 9.9 14.9
100 9.2 8.4 12.6





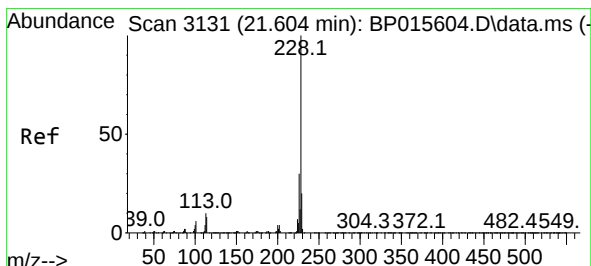
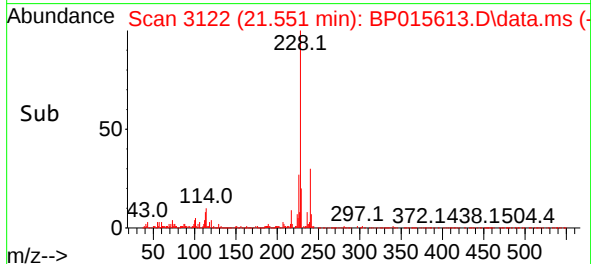
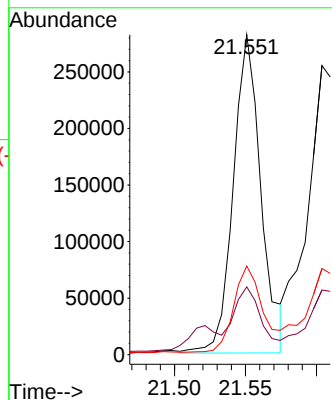
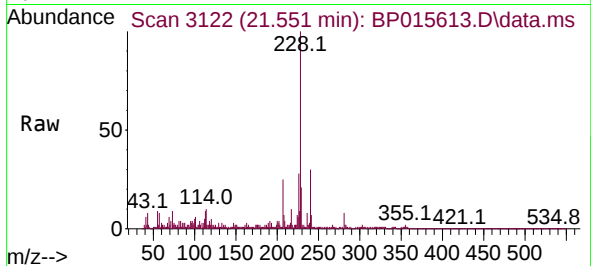
#85
Benzo(a)anthracene
Concen: 7.447 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Instrument :
BNA_P
ClientSampleId :
DCFJ5

Tgt Ion:228 Resp: 38227
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 27.7 21.8 32.6

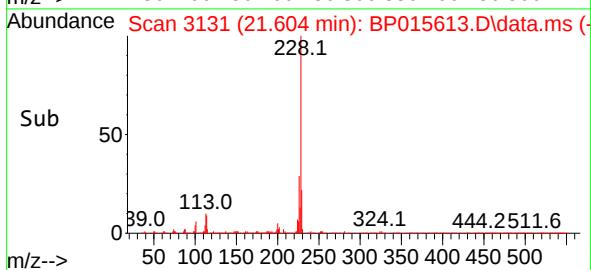
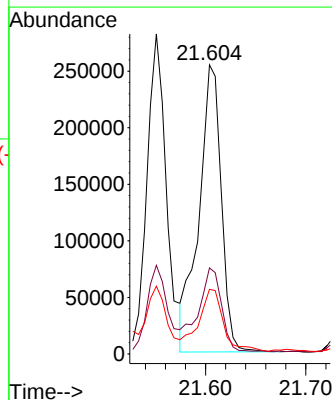
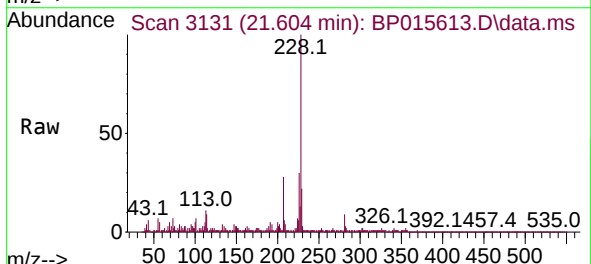
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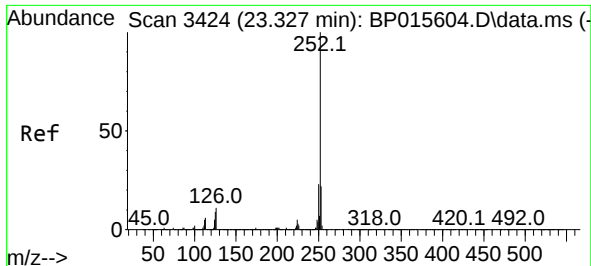
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#87
Chrysene
Concen: 8.158 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Tgt Ion:228 Resp: 395830
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 22.4 15.1 22.7





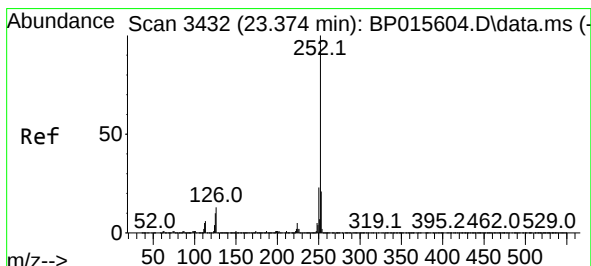
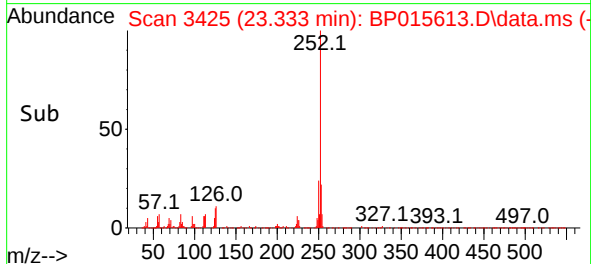
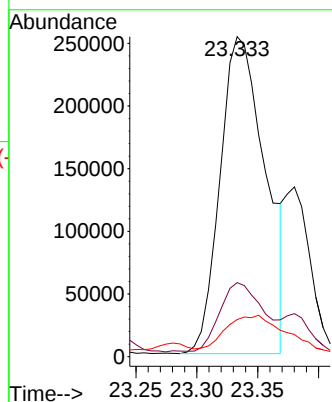
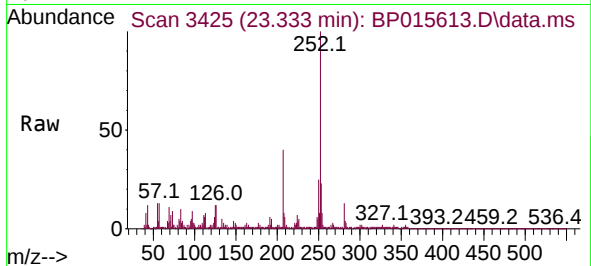
#90
Benzo(b)fluoranthene
Concen: 13.449 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Instrument :
BNA_P
ClientSampleId :
DCFJ5

Tgt Ion:252 Resp: 653144
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 11.6 7.3 10.9

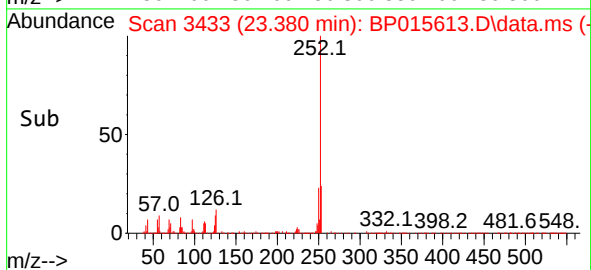
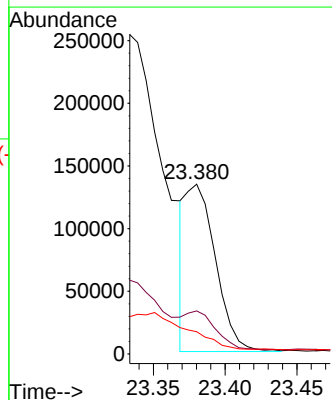
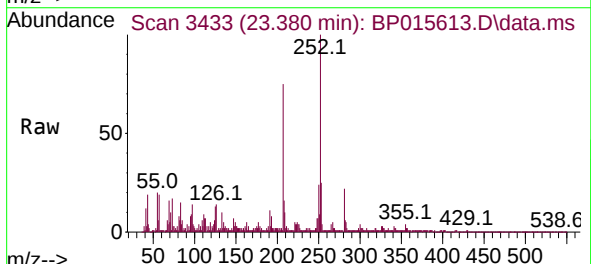
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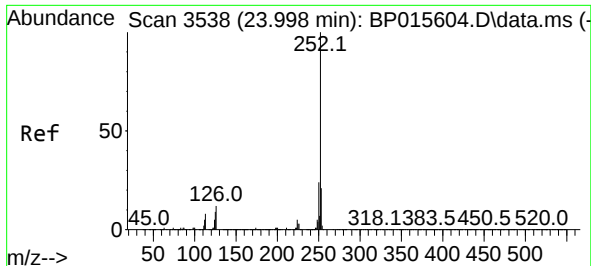
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#91
Benzo(k)fluoranthene
Concen: 4.107 ng/ul m
RT: 23.380 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Tgt Ion:252 Resp: 192797
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 13.1 7.3 10.9





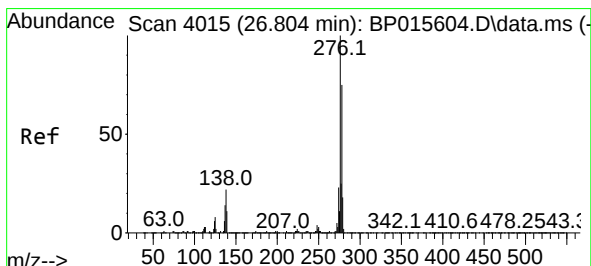
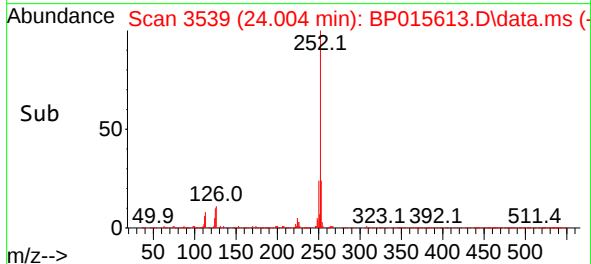
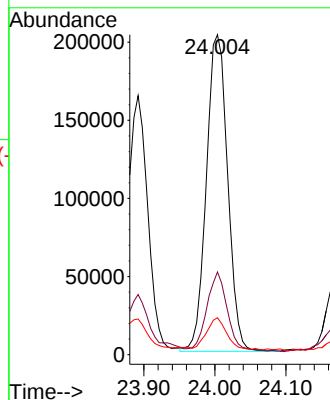
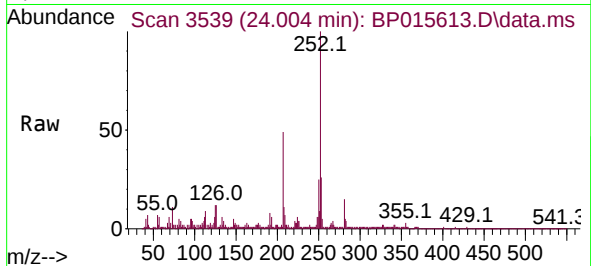
#93
Benzo(a)pyrene
Concen: 9.963 ng/ul
RT: 24.004 min Scan# 3539
Delta R.T. -0.000 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

Instrument :
BNA_P
ClientSampleId :
DCFJ5

Tgt Ion:252 Resp: 42184
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.6
125 11.5 8.1 12.1

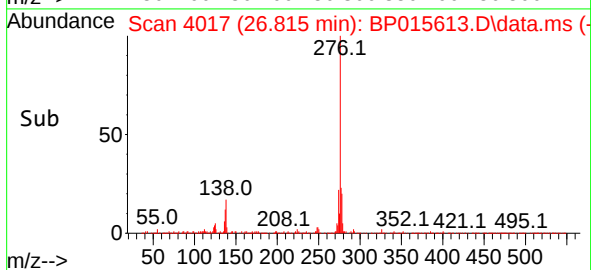
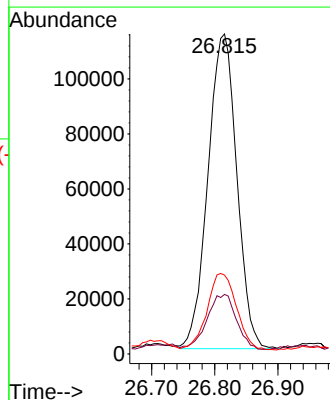
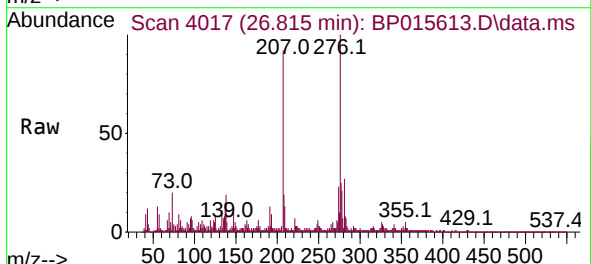
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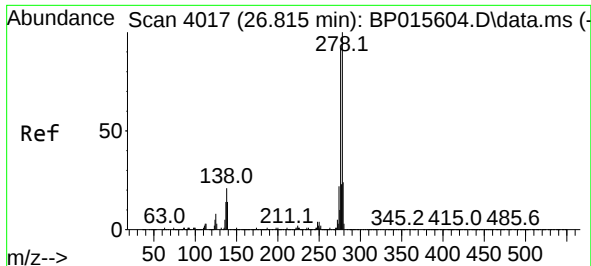
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.634 ng/ul
RT: 26.815 min Scan# 4017
Delta R.T. 0.006 min
Lab File: BP015613.D
Acq: 19 Jun 2023 20:36

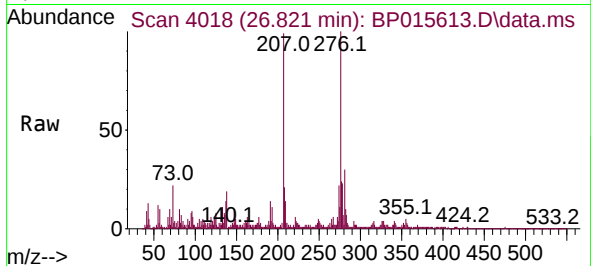
Tgt Ion:276 Resp: 363493
Ion Ratio Lower Upper
276 100
138 18.6 17.3 25.9
277 24.7 20.2 30.2





#95
 Dibenzo(a,h)anthracene
 Concen: 2.091 ng/ul
 RT: 26.821 min Scan# 4017
 Delta R.T. -0.006 min
 Lab File: BP015613.D
 Acq: 19 Jun 2023 20:36

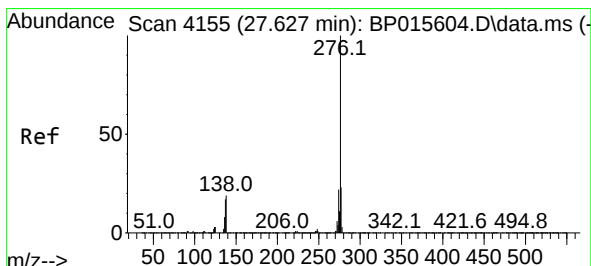
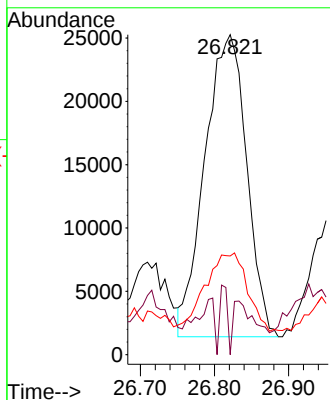
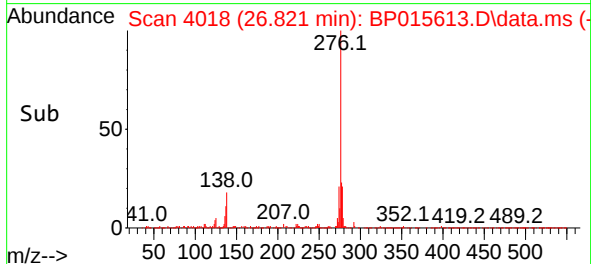
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ5



Tgt Ion:278 Resp: 9335
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.4 17.0
 279 30.9 18.7 28.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023



#96
 Benzo(g,h,i)perylene
 Concen: 7.506 ng/ul
 RT: 27.656 min Scan# 4160
 Delta R.T. 0.018 min
 Lab File: BP015613.D
 Acq: 19 Jun 2023 20:36

Tgt Ion:276 Resp: 338953
 Ion Ratio Lower Upper
 276 100
 138 18.1 15.6 23.4
 277 24.7 19.0 28.6

