

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016566.D
 Acq On : 14 Aug 2023 17:51
 Operator : MA/JU
 Sample : 03965-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 14 23:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	360066	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	1567220	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	913131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	2023898	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1907292	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2064326	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	25721	2.714	ng/uL	0.00
4) Pyridine-d5	3.846	84	32804	1.138	ng/u1	0.01
7) Phenol-d5	7.199	99	459079	13.830	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	331894	15.180	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	357146	14.979	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	276803	10.487	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	181231	16.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	160205	15.296	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	306967	14.893	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	148995	4.213	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	1064223	16.113	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	1243411	16.680	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	71549	5.318	ng/u1	0.00
60) Fluorene-d10	15.704	176	962678	17.098	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	66683	6.926	ng/u1	0.00
73) Anthracene-d10	17.575	188	1508591	17.232	ng/u1	0.00
81) Pyrene-d10	19.804	212	1842724	18.439	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1742129	17.610	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.222	94	47770	1.346	ng/u1	97
16) Acetophenone	8.905	105	230819	5.415	ng/u1	99
72) Phenanthrene	17.516	178	579146	5.431	ng/u1	100
80) Fluoranthene	19.475	202	1585705	13.294	ng/u1	99
82) Pyrene	19.833	202	1335651	10.604	ng/u1	99
85) Benzo(a)anthracene	21.551	228	688646	5.372	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	184089	2.500	ng/u1	98
87) Chrysene	21.610	228	862062	7.187	ng/u1	98
90) Benzo(b)fluoranthene	23.351	252	1204399	9.799	ng/u1	97
91) Benzo(k)fluoranthene	23.398	252	410180m	3.364	ng/u1	
93) Benzo(a)pyrene	24.039	252	699377	6.032	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.904	276	519026	3.793	ng/u1	96
95) Dibenzo(a,h)anthracene	26.927	278	124698	1.095	ng/u1	92
96) Benzo(g,h,i)perylene	27.762	276	460922	4.232	ng/u1	99

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

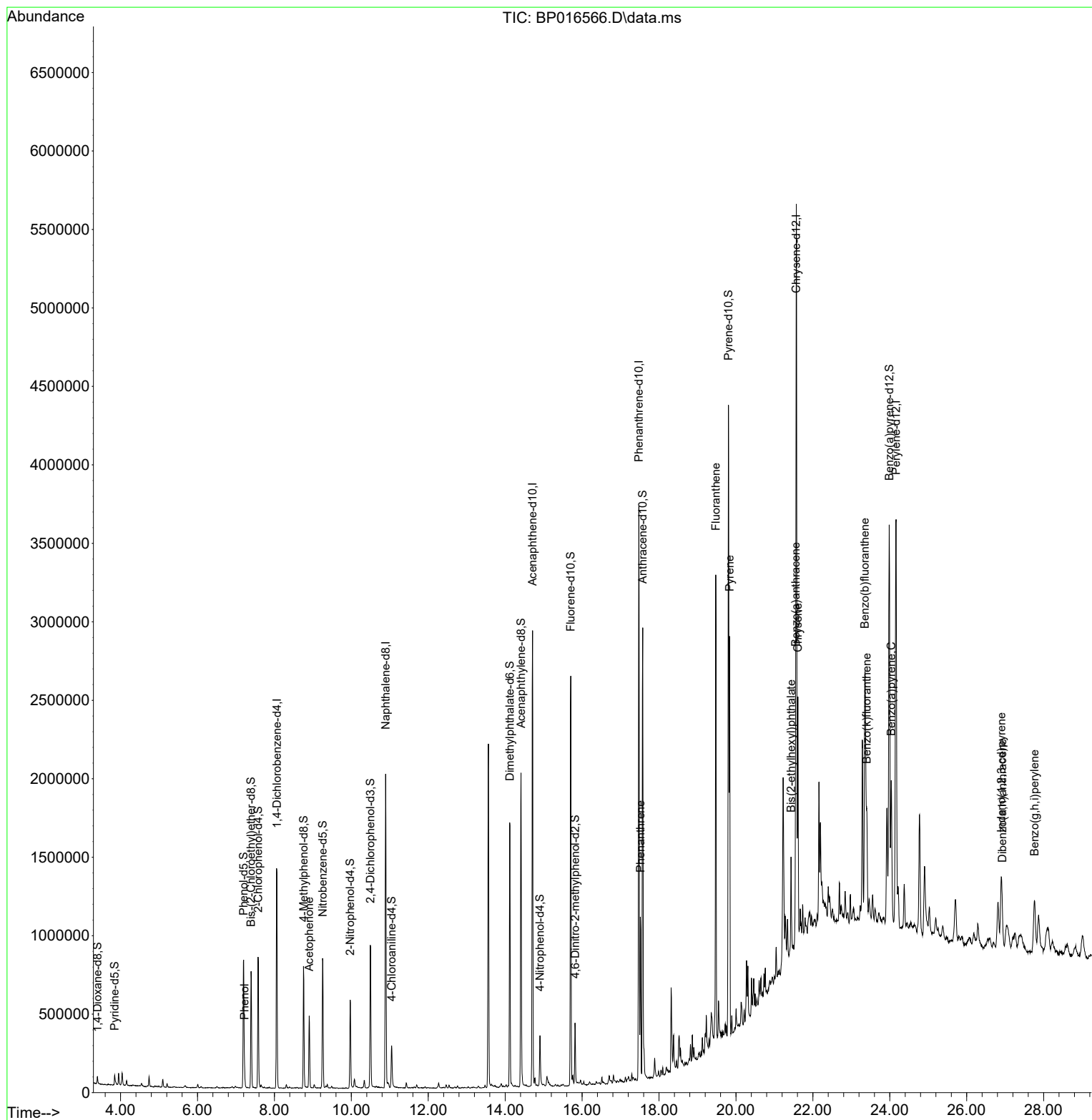
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016566.D
 Acq On : 14 Aug 2023 17:51
 Operator : MA/JU
 Sample : 03965-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

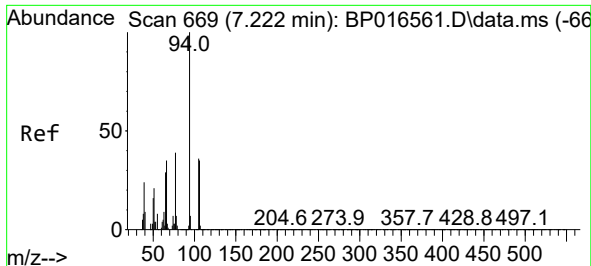
Instrument :
 BNA_P
 ClientSampleId :
 A48H1

Quant Time: Aug 14 23:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

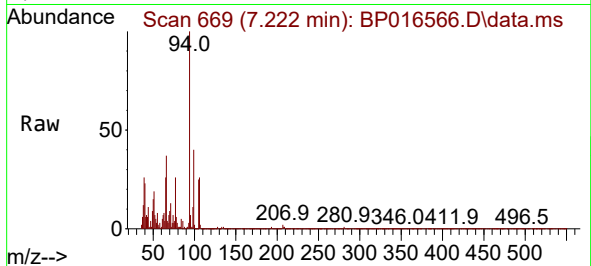
Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023





#8
Phenol
Concen: 1.346 ng/ul
RT: 7.222 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

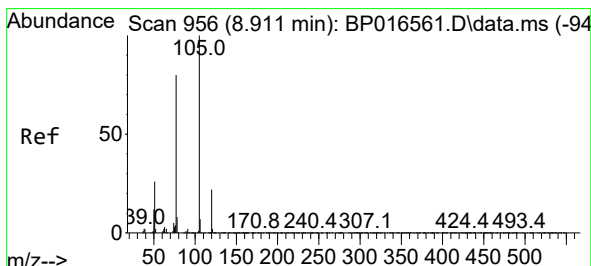
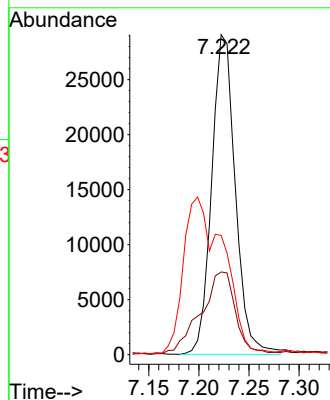
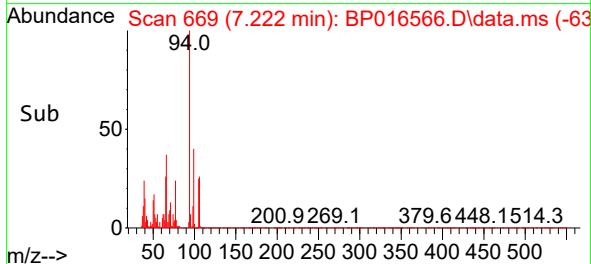
Instrument :
BNA_P
ClientSampleId :
A48H1



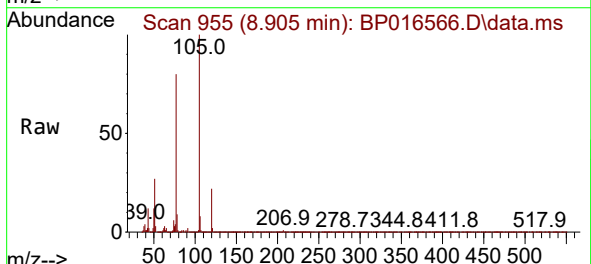
Tgt Ion: 94 Resp: 47770
Ion Ratio Lower Upper
94 100
65 25.8 22.3 33.5
66 37.3 28.7 43.1

Manual Integrations
APPROVED

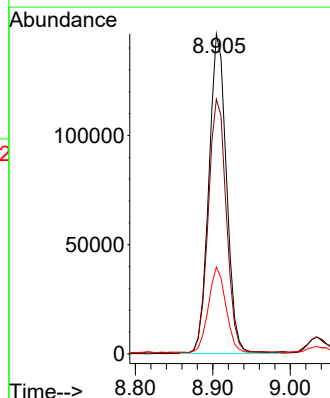
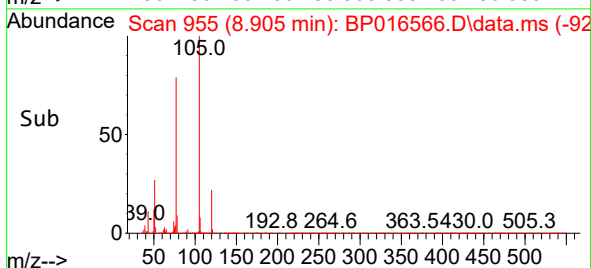
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

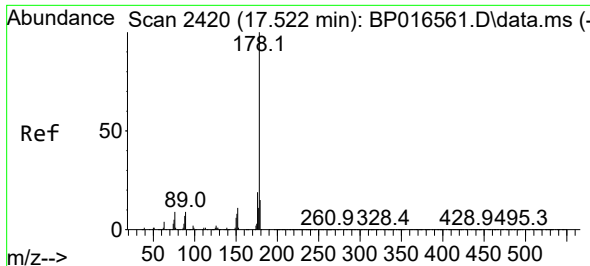


#16
Acetophenone
Concen: 5.415 ng/ul
RT: 8.905 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51



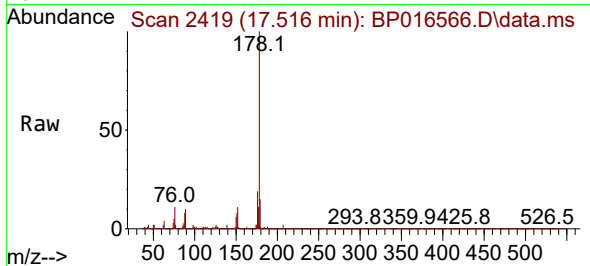
Tgt Ion:105 Resp: 230819
Ion Ratio Lower Upper
105 100
77 79.7 64.4 96.6
51 27.2 21.2 31.8





#72
Phenanthrene
Concen: 5.431 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

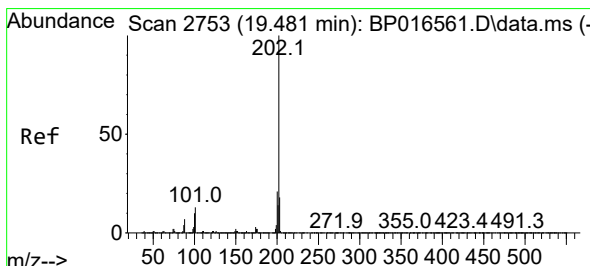
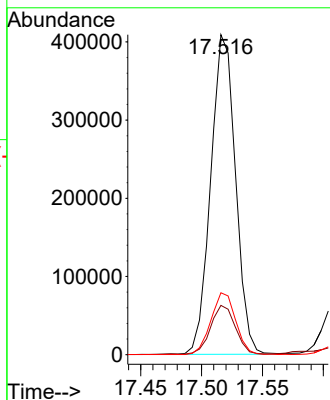
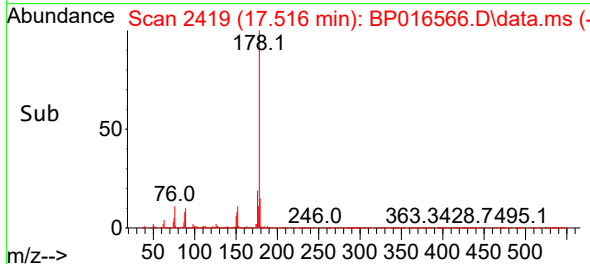
Instrument :
BNA_P
ClientSampleId :
A48H1



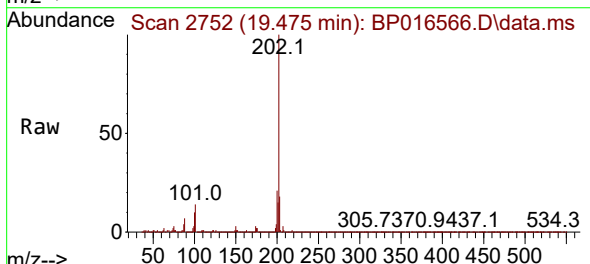
Tgt Ion:178 Resp: 579140
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.3 15.5 23.3

Manual Integrations
APPROVED

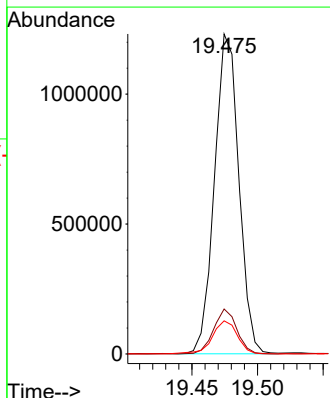
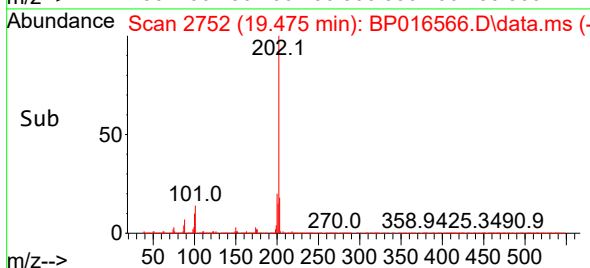
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

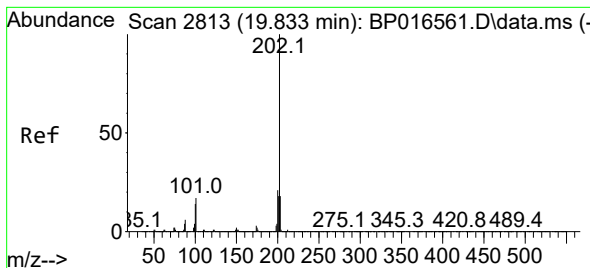


#80
Fluoranthene
Concen: 13.294 ng/ul
RT: 19.475 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51



Tgt Ion:202 Resp: 1585705
Ion Ratio Lower Upper
202 100
101 14.1 10.6 16.0
100 10.4 8.1 12.1





#82

Pyrene

Concen: 10.604 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016566.D

Acq: 14 Aug 2023 17:51

Instrument :

BNA_P

ClientSampleId :

A48H1

Tgt Ion:202 Resp: 133565

Ion Ratio Lower Upper

202 100

101 16.4 13.4 20.2

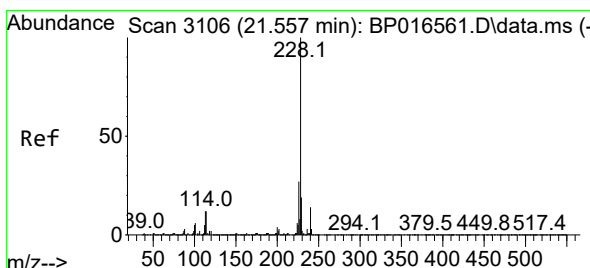
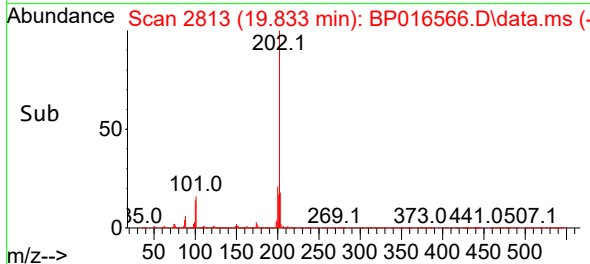
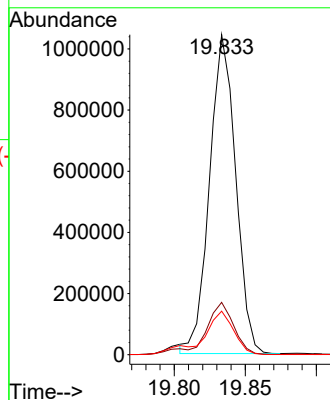
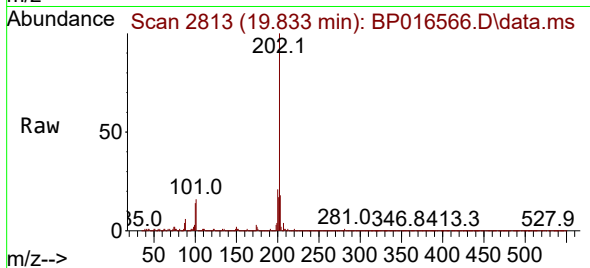
100 13.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#85

Benzo(a)anthracene

Concen: 5.372 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016566.D

Acq: 14 Aug 2023 17:51

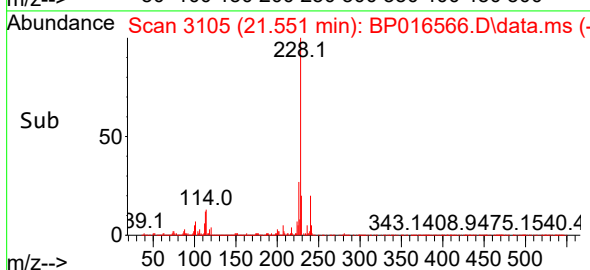
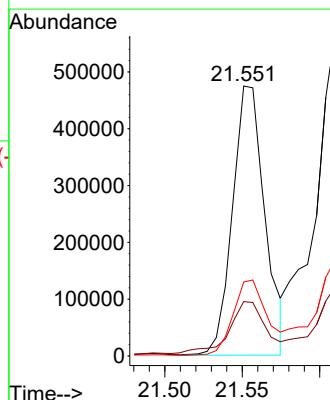
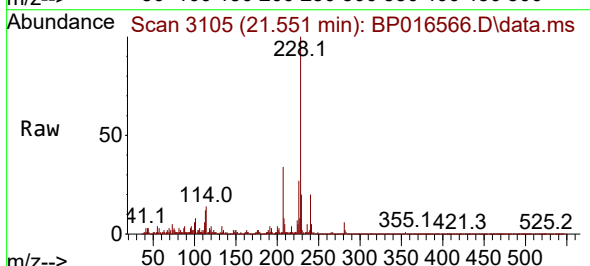
Tgt Ion:228 Resp: 688646

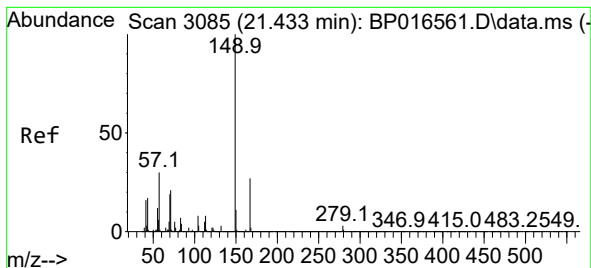
Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

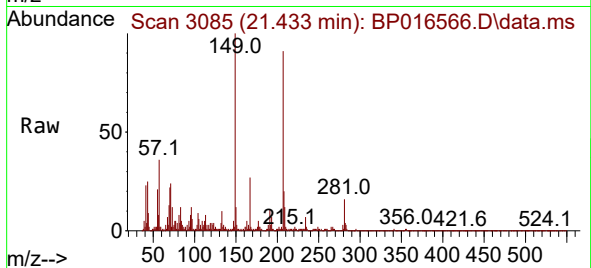
226 27.4 21.8 32.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.500 ng/ul
RT: 21.433 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

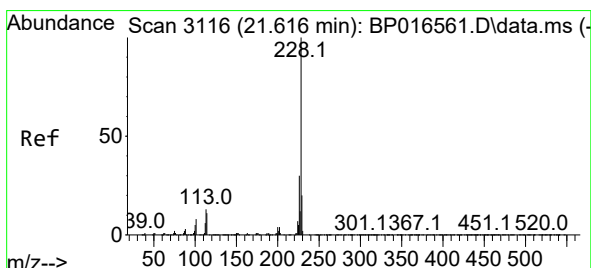
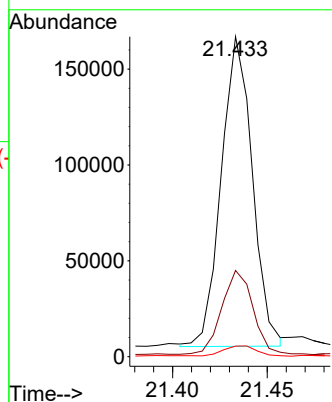
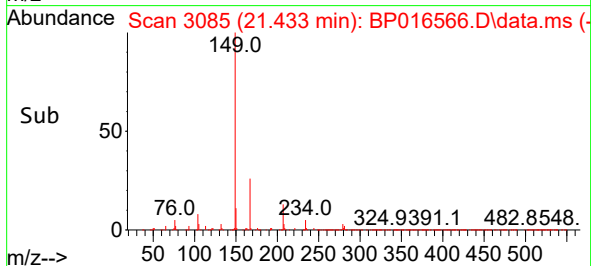
Instrument :
BNA_P
ClientSampleId :
A48H1



Tgt Ion:149 Resp: 184089
Ion Ratio Lower Upper
149 100
167 27.0 20.9 31.3
279 3.3 2.6 4.0

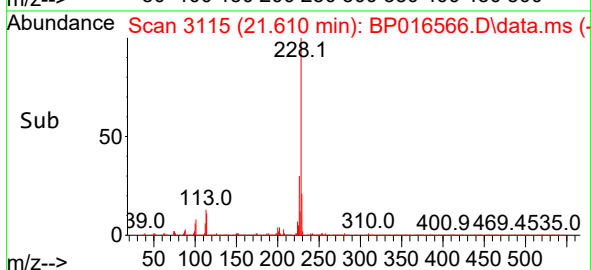
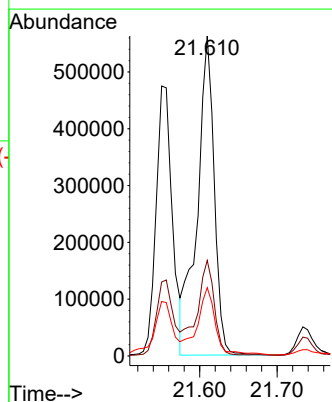
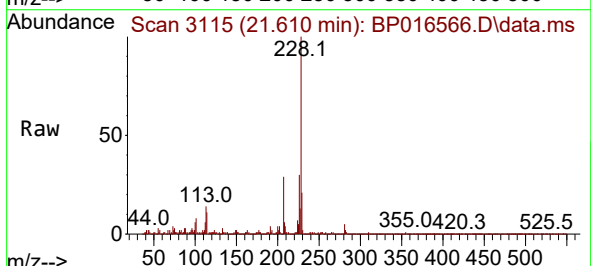
Manual Integrations
APPROVED

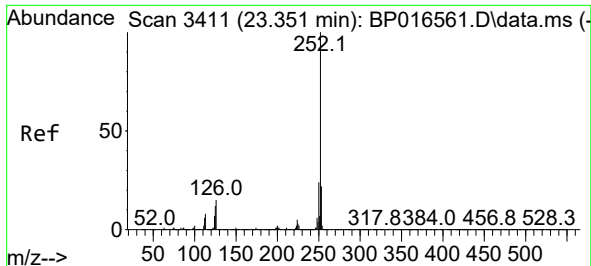
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#87
Chrysene
Concen: 7.187 ng/ul
RT: 21.610 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

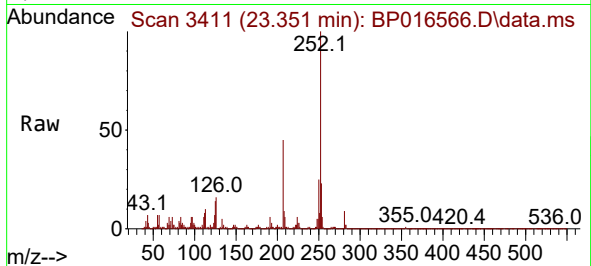
Tgt Ion:228 Resp: 862062
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 21.3 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 9.799 ng/ul
RT: 23.351 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

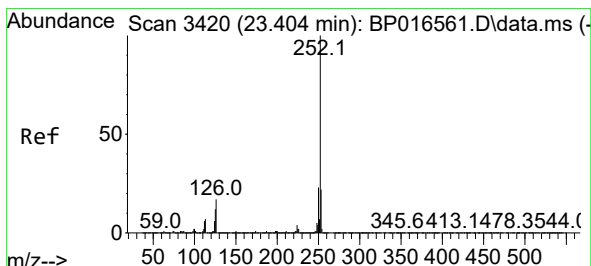
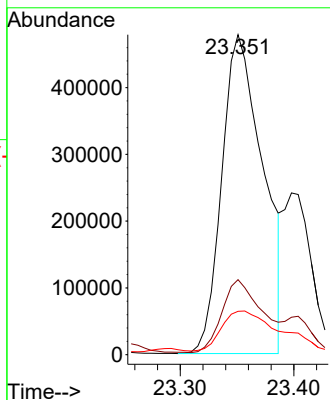
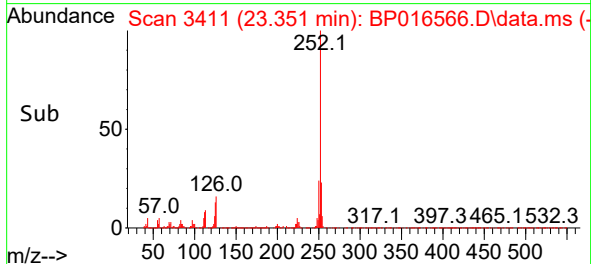
Instrument :
BNA_P
ClientSampleId :
A48H1



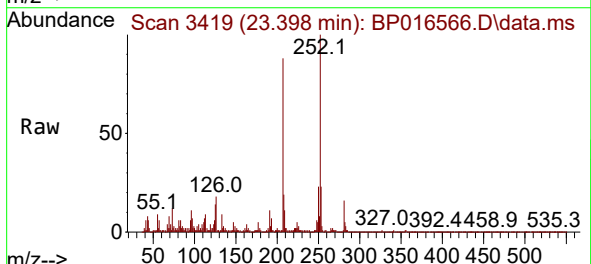
Tgt Ion:252 Resp: 1204399
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 13.6 10.0 15.0

Manual Integrations
APPROVED

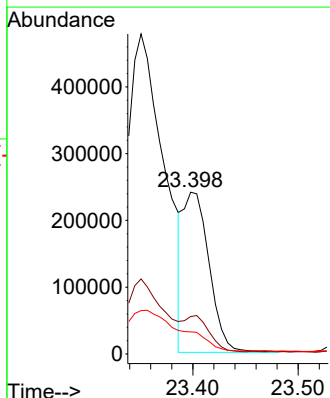
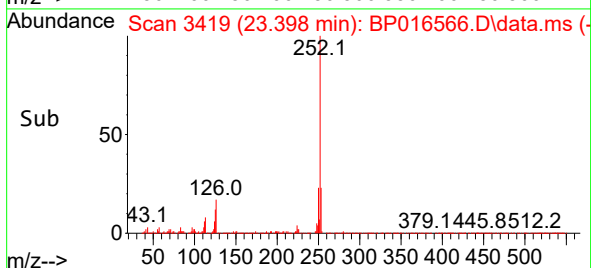
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

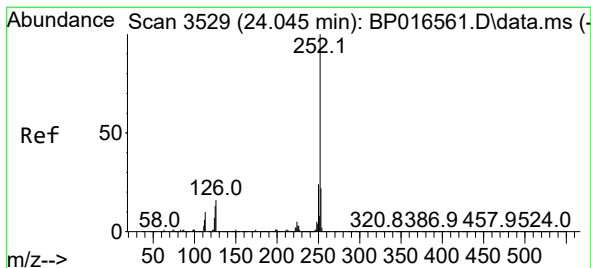


#91
Benzo(k)fluoranthene
Concen: 3.364 ng/ul m
RT: 23.398 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51



Tgt Ion:252 Resp: 410180
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 13.7 9.8 14.8





#93

Benzo(a)pyrene

Concen: 6.032 ng/ul

RT: 24.039 min Scan# 3529

Delta R.T. -0.000 min

Lab File: BP016566.D

Acq: 14 Aug 2023 17:51

Instrument :

BNA_P

ClientSampleId :

A48H1

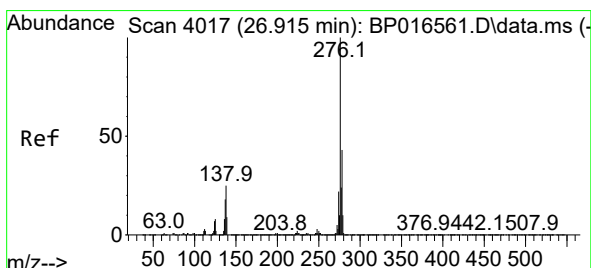
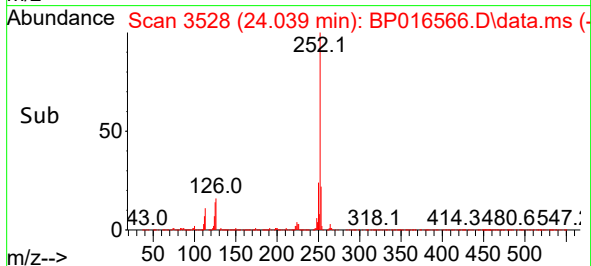
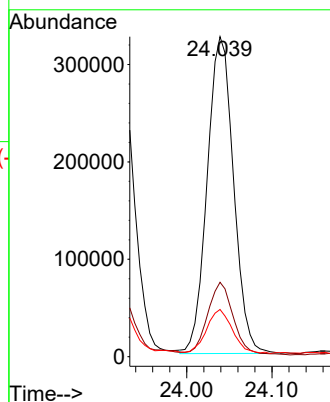
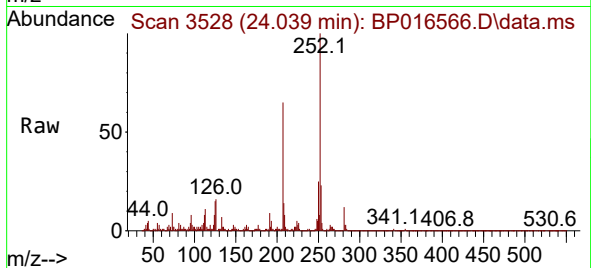
Tgt Ion:	252	Resp:	69937
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	14.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.793 ng/ul

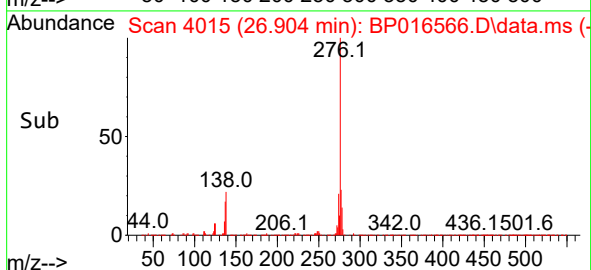
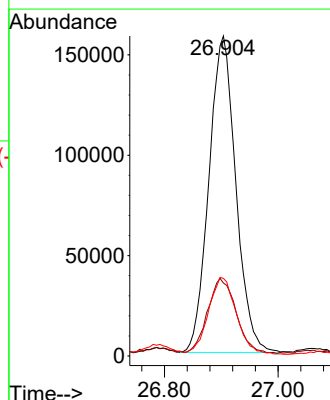
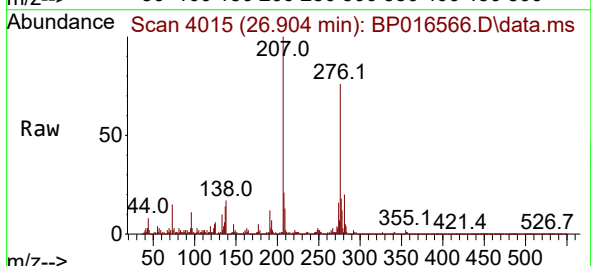
RT: 26.904 min Scan# 4015

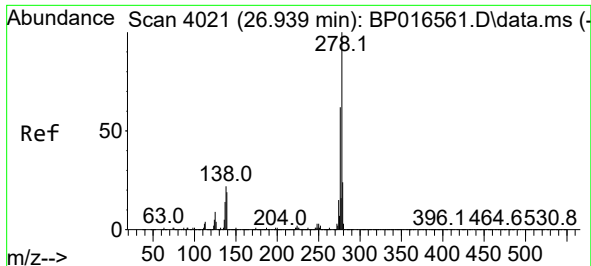
Delta R.T. -0.006 min

Lab File: BP016566.D

Acq: 14 Aug 2023 17:51

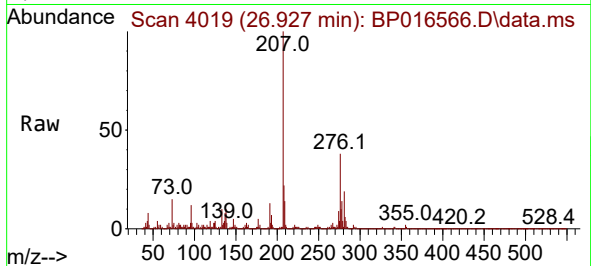
Tgt Ion:	276	Resp:	519026
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.7	32.5
277	24.3	19.5	29.3





#95
Dibenzo(a,h)anthracene
Concen: 1.095 ng/ul
RT: 26.927 min Scan# 4021
Delta R.T. -0.012 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51

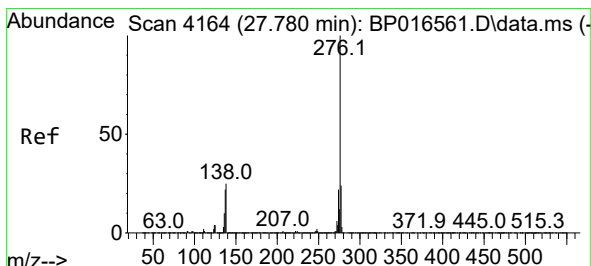
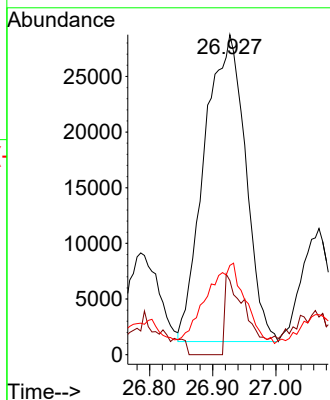
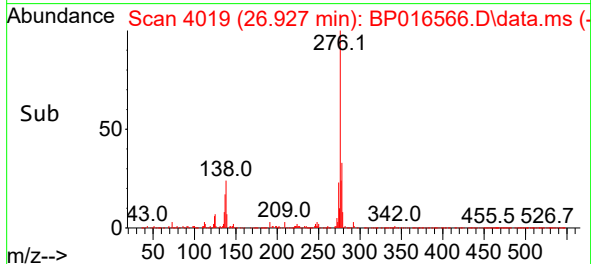
Instrument :
BNA_P
ClientSampleId :
A48H1



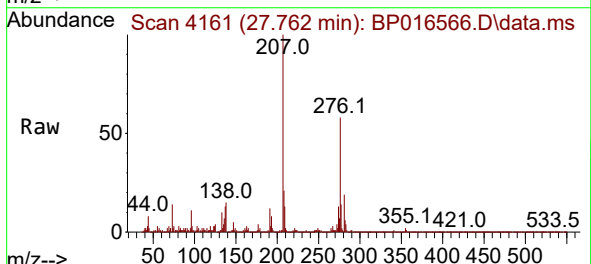
Tgt Ion:278 Resp: 124698
Ion Ratio Lower Upper
278 100
139 23.2 15.5 23.3
279 27.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#96
Benzo(g,h,i)perylene
Concen: 4.232 ng/ul
RT: 27.762 min Scan# 4161
Delta R.T. -0.012 min
Lab File: BP016566.D
Acq: 14 Aug 2023 17:51



Tgt Ion:276 Resp: 460922
Ion Ratio Lower Upper
276 100
138 26.3 21.5 32.3
277 23.6 19.3 28.9

