

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019214.D
 Acq On : 02 Jan 2024 18:37
 Operator : MA/JU
 Sample : 05919-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF47

Quant Time: Jan 02 22:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	223118	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	862893	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	487869	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	855320m	20.000	ng/u1	0.07
79) Chrysene-d12	21.333	240	1285159	20.000	ng/u1	0.02
88) Perylene-d12	23.709	264	1295444	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14837	2.271	ng/uL	0.00
4) Pyridine-d5	3.675	84	29191	1.780	ng/u1	0.02
7) Phenol-d5	6.981	99	300110	14.999	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	174391	15.066	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	240335	14.899	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	239412	15.369	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	115240	15.449	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	135253	16.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	258443	15.876	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	550	0.027	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	677203	15.715	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	800516	17.121	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	96226	13.224	ng/u1	0.01
60) Fluorene-d10	15.445	176	552107	14.830	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	85837m	15.308	ng/u1	0.03
73) Anthracene-d10	17.363	188	802315m	17.962	ng/u1	0.06
81) Pyrene-d10	19.586	212	907365	11.585	ng/u1	0.04
92) Benzo(a)pyrene-d12	23.551	264	1205287	16.187	ng/u1	0.04
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.086	232	2854865	256.705	ng/u1#	96
71) Pentachlorophenol	16.910	266	36414263m	4773.938	ng/u1	
74) Anthracene	17.398	178	476971m	9.243	ng/u1	
80) Fluoranthene	19.257	202	182064	2.026	ng/u1#	76
82) Pyrene	19.616	202	3491047	37.074	ng/u1#	92
86) Bis(2-ethylhexyl)phtha...	21.233	149	691377	13.959	ng/u1#	84
87) Chrysene	21.351	228	1381167	14.587	ng/u1#	91
90) Benzo(b)fluoranthene	22.980	252	361160	3.969	ng/u1#	80
96) Benzo(g,h,i)perylene	26.950	276	91032m	1.035	ng/u1	

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

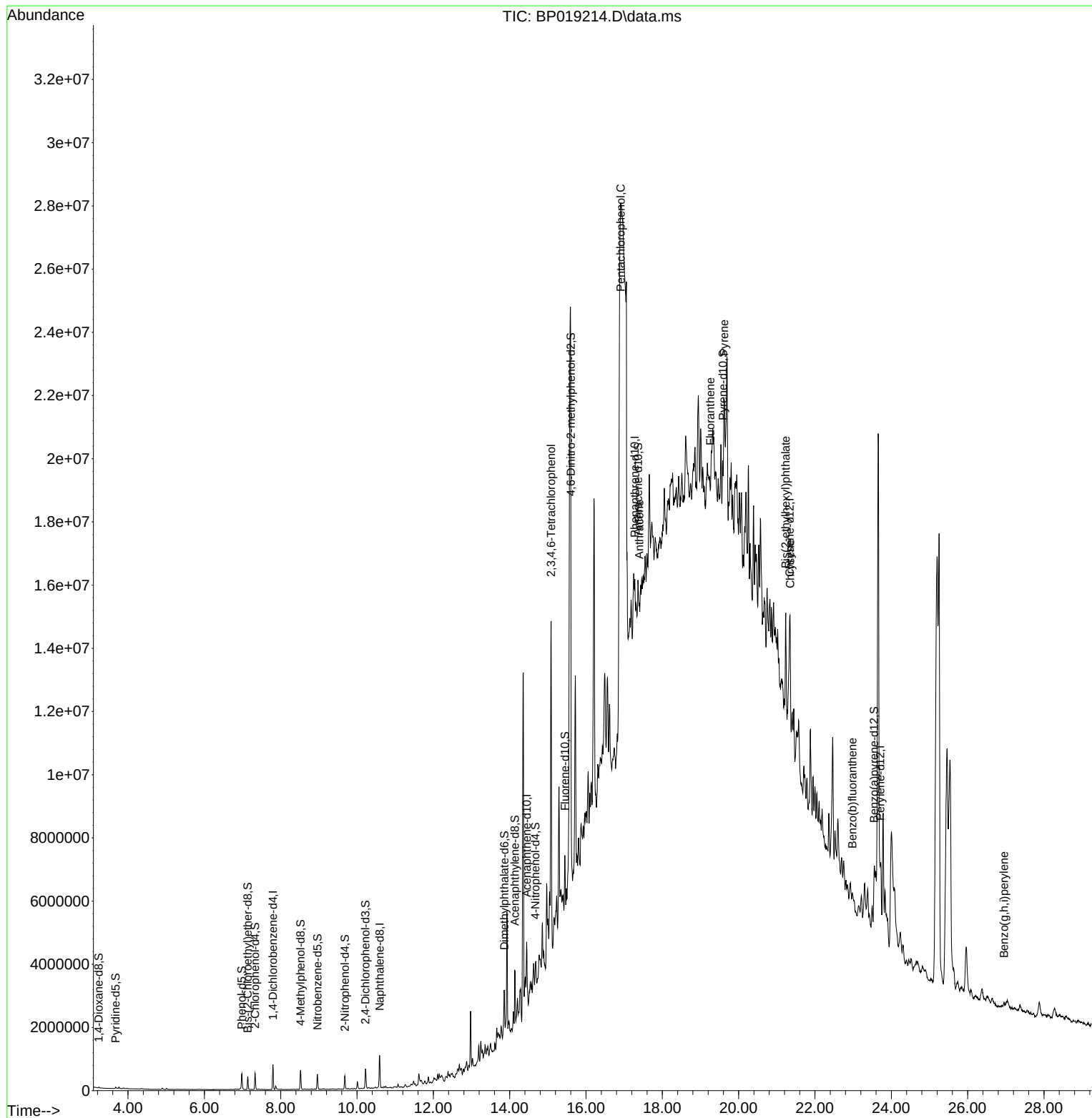
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
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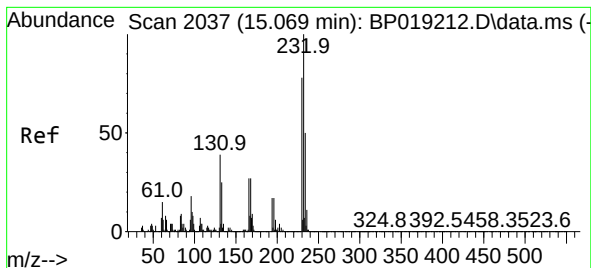
Instrument :
 BNA_P
 ClientSampleId :
 GCF47

Quant Time: Jan 02 22:00:33 2024
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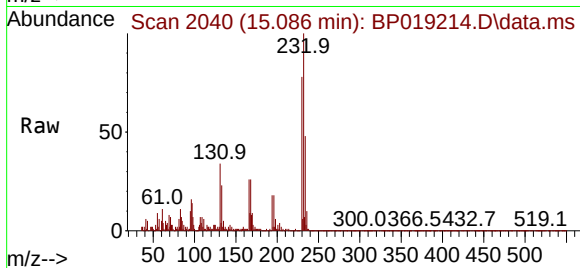
Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024





#58
2,3,4,6-Tetrachlorophenol
Concen: 256.705 ng/ul
RT: 15.086 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

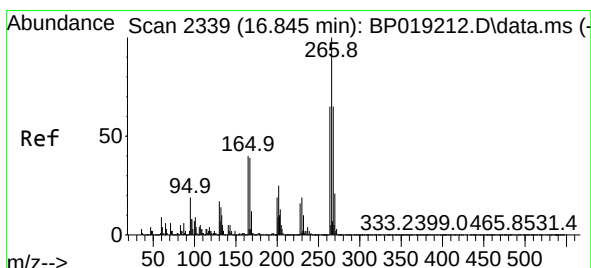
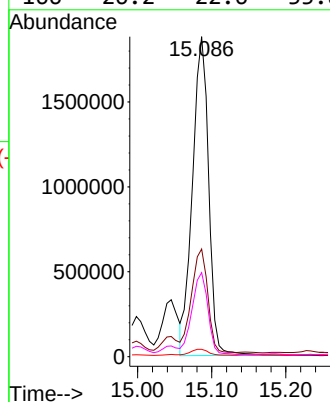
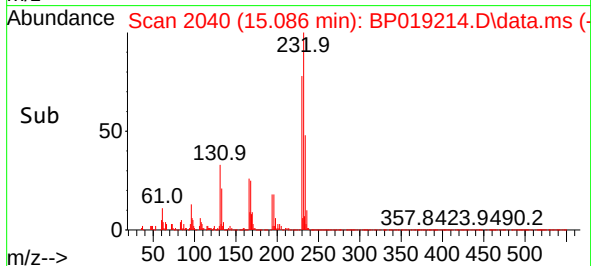
Instrument :
BNA_P
ClientSampleId :
GCF47



Tgt Ion:232 Resp: 285486
Ion Ratio Lower Upper
232 100
131 33.6 29.3 43.9
130 2.3 1.4 2.2
166 26.2 22.6 33.8

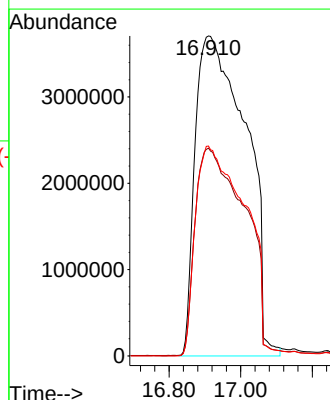
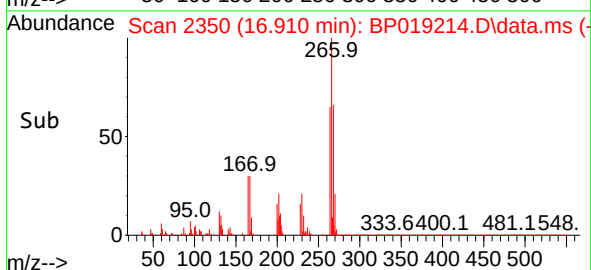
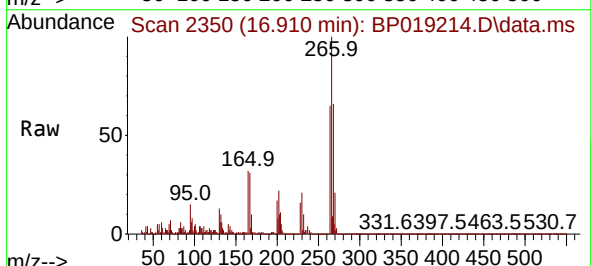
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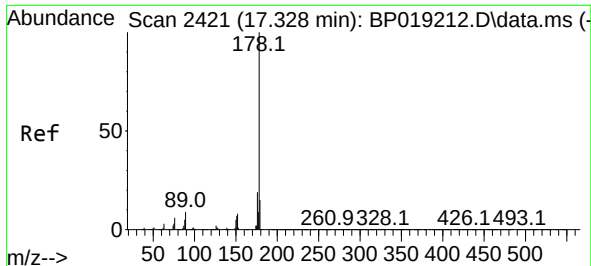
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Pentachlorophenol
Concen: 4773.938 ng/ul m
RT: 16.910 min Scan# 2350
Delta R.T. 0.059 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

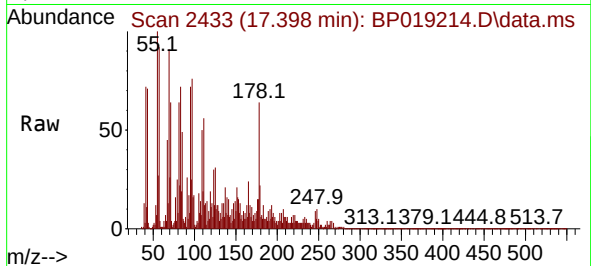
Tgt Ion:266 Resp:36414263
Ion Ratio Lower Upper
266 100
264 64.9 50.0 75.0
268 65.6 52.8 79.2





#74
 Anthracene
 Concen: 9.243 ng/ul m
 RT: 17.398 min Scan# 2421
 Delta R.T. 0.059 min
 Lab File: BP019214.D
 Acq: 02 Jan 2024 18:37

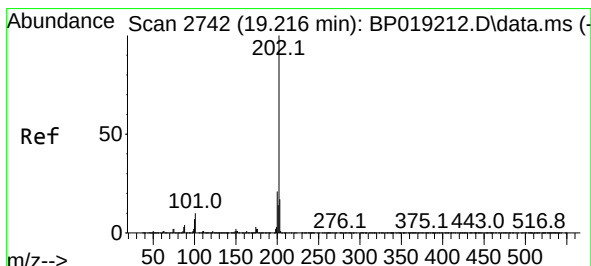
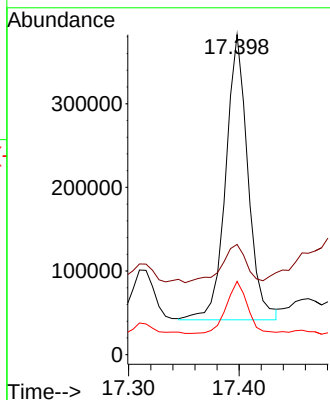
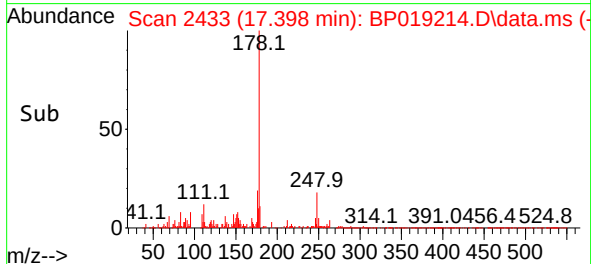
Instrument :
 BNA_P
 ClientSampleId :
 GCF47



Tgt Ion:178 Resp: 47697
 Ion Ratio Lower Upper
 178 100
 179 34.5 12.2 18.4
 176 22.9 14.9 22.3

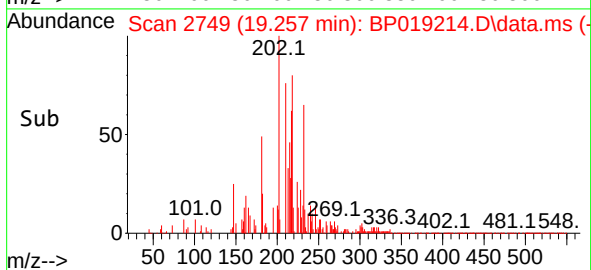
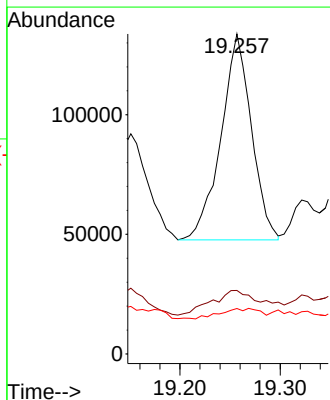
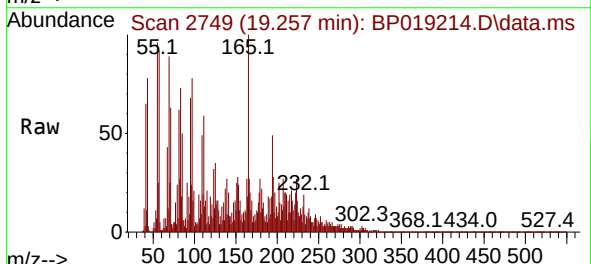
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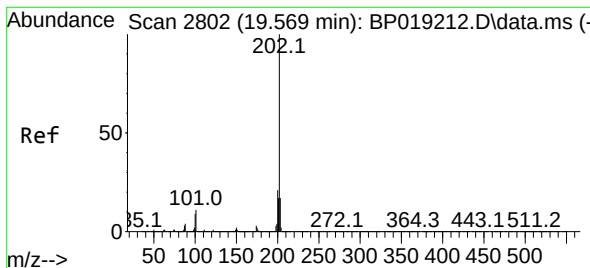
Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



#80
 Fluoranthene
 Concen: 2.026 ng/ul
 RT: 19.257 min Scan# 2749
 Delta R.T. 0.035 min
 Lab File: BP019214.D
 Acq: 02 Jan 2024 18:37

Tgt Ion:202 Resp: 182064
 Ion Ratio Lower Upper
 202 100
 101 19.8 7.8 11.6#
 100 14.2 6.0 9.0#





#82

Pyrene

Concen: 37.074 ng/ul

RT: 19.616 min Scan# 2802

Delta R.T. 0.041 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

Tgt Ion:202 Resp: 349104

Ion Ratio Lower Upper

202 100

101 8.4 9.2 13.8

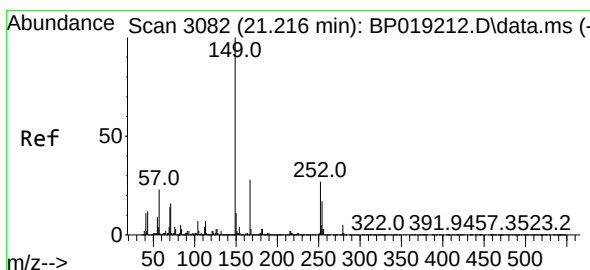
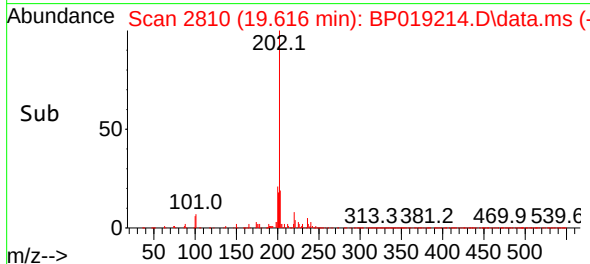
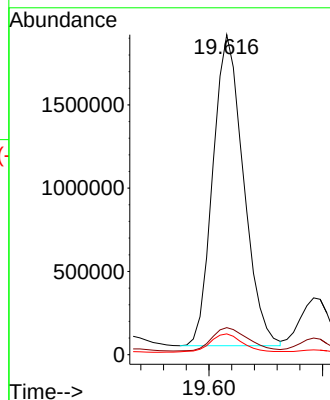
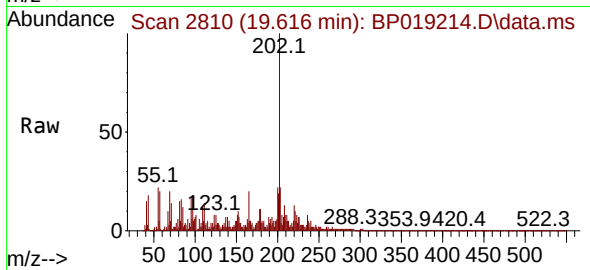
100 6.5 7.8 11.6

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#86

Bis(2-ethylhexyl)phthalate

Concen: 13.959 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. 0.012 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

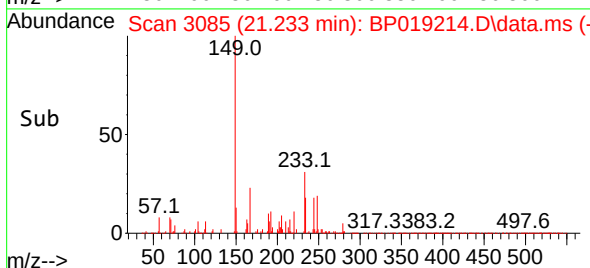
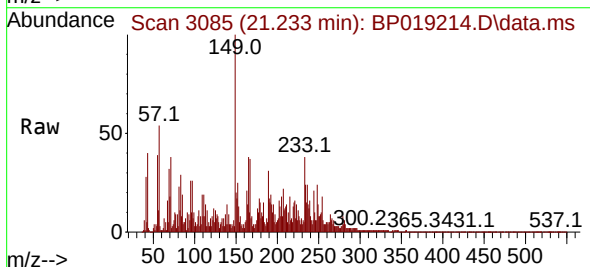
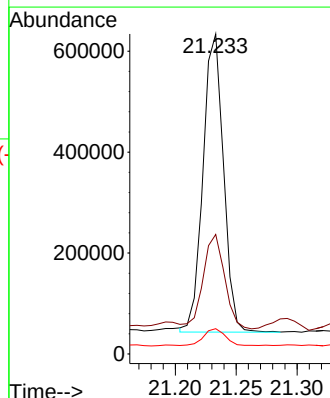
Tgt Ion:149 Resp: 691377

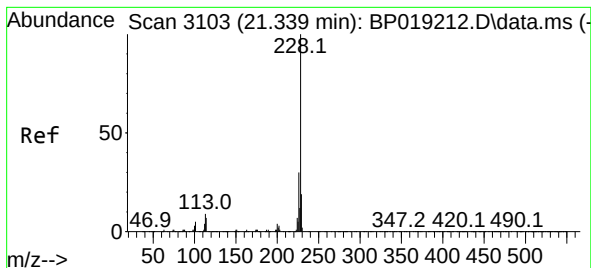
Ion Ratio Lower Upper

149 100

167 37.3 22.5 33.7#

279 7.9 4.0 6.0#





#87

Chrysene

Concen: 14.587 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

Instrument :

BNA_P

ClientSampleId :

GCF47

Tgt Ion:228 Resp: 138116

Ion Ratio Lower Upper

228 100

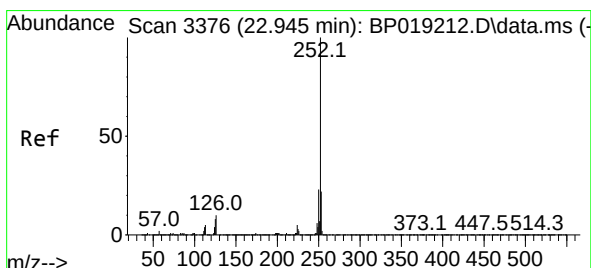
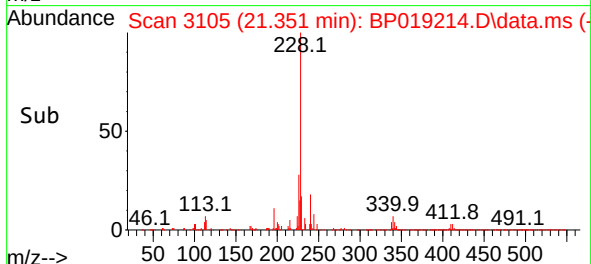
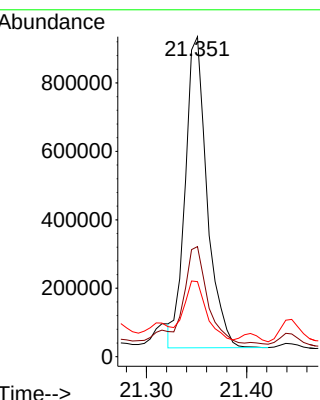
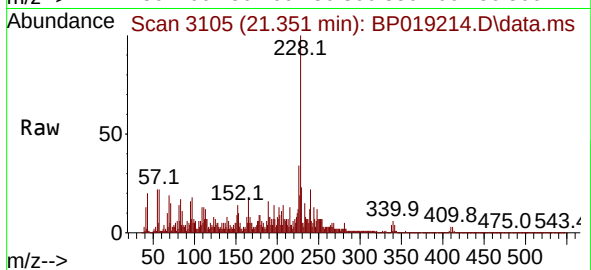
226 34.4 23.4 35.2

229 23.5 15.6 23.4

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#90

Benzo(b)fluoranthene

Concen: 3.969 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. 0.029 min

Lab File: BP019214.D

Acq: 02 Jan 2024 18:37

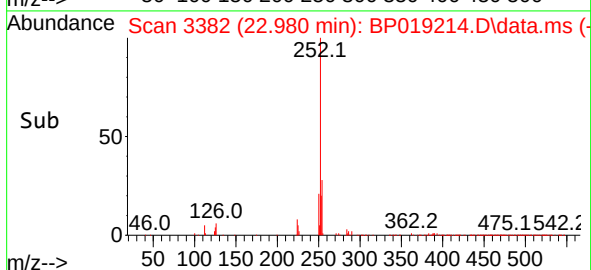
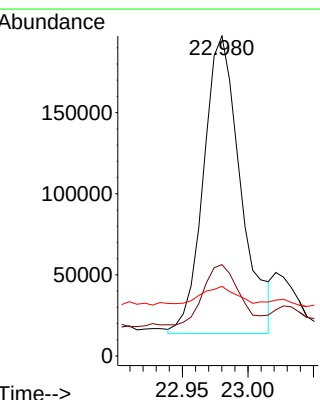
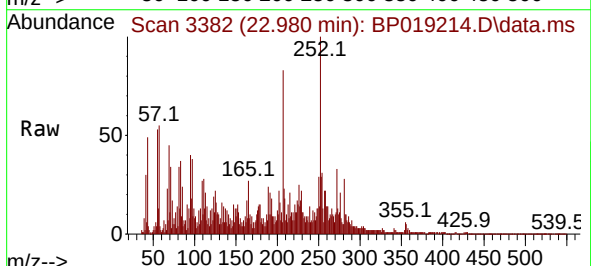
Tgt Ion:252 Resp: 361160

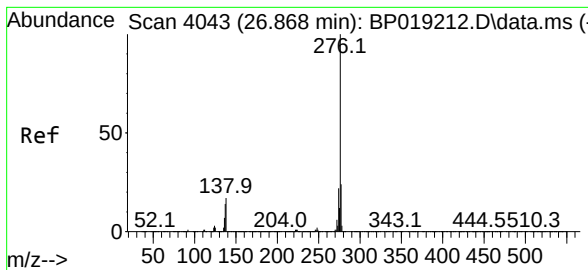
Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

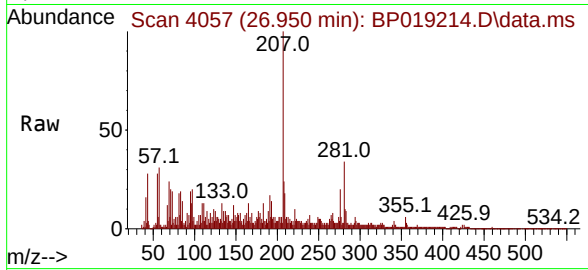
125 21.7 6.8 10.2#





#96
Benzo(g,h,i)perylene
Concen: 1.035 ng/ul m
RT: 26.950 min Scan# 4057
Delta R.T. 0.076 min
Lab File: BP019214.D
Acq: 02 Jan 2024 18:37

Instrument :
BNA_P
ClientSampleId :
GCF47



Tgt Ion: 276 Resp: 91032
Ion Ratio Lower Upper
276 100
138 29.5 15.2 22.8
277 32.5 19.4 29.0

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