

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016333.D
 Acq On : 19 Jul 2023 20:28
 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46R0

Quant Time: Jul 19 22:43:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

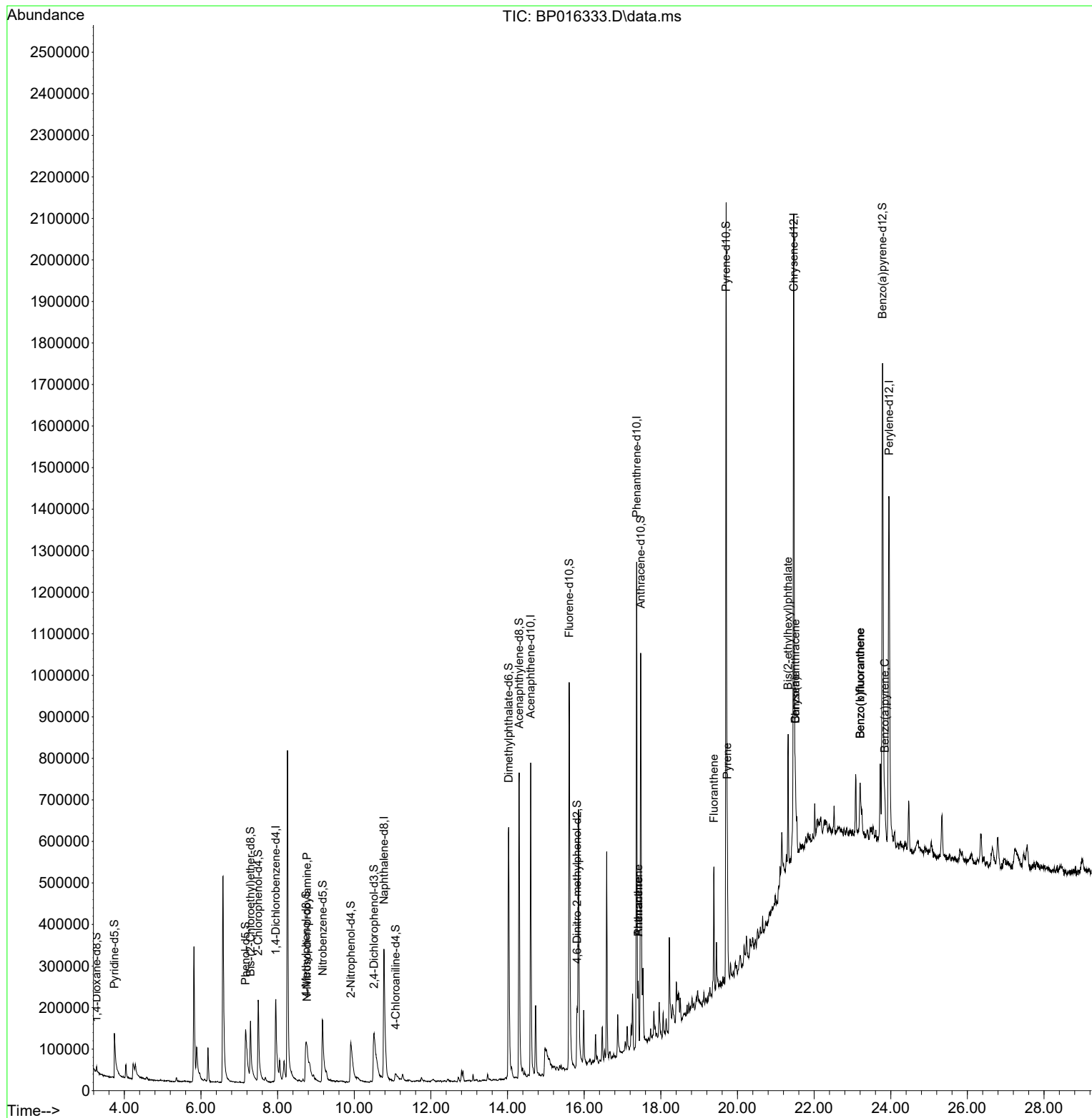
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78748	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	385255	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	270249	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	666651	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	729596	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	815154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6729	3.024	ng/uL	0.00
4) Pyridine-d5	3.740	84	75410	13.587	ng/ul	0.02
7) Phenol-d5	7.163	99	154015	21.653	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.293	67	98809	20.544	ng/ul	0.02
11) 2-Chlorophenol-d4	7.493	132	117976	22.976	ng/ul	0.02
15) 4-Methylphenol-d8	8.740	113	51657	9.015	ng/ul	0.05
21) Nitrobenzene-d5	9.175	128	57409	21.600	ng/ul	0.04
24) 2-Nitrophenol-d4	9.910	143	67536	22.295	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.516	165	109941	20.958	ng/ul	0.09
31) 4-Chloroaniline-d4	11.081	131	18915	2.250	ng/ul	0.14
46) Dimethylphthalate-d6	14.028	166	547965	26.581	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	550388	24.362	ng/ul	0.01
54) 4-Nitrophenol-d4	14.904	143	163	0.039	ng/ul	-0.02
60) Fluorene-d10	15.610	176	479023	27.765	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.816	200	55128	14.325	ng/ul	0.04
73) Anthracene-d10	17.475	188	679519	23.303	ng/ul	0.00
81) Pyrene-d10	19.704	212	1074827	28.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	971684	24.822	ng/ul	0.00
Target Compounds						
					Qvalue	
17) N-Nitroso-di-n-propyla...	8.769	70	13610	2.687	ng/ul#	85
72) Phenanthrene	17.410	178	84744	2.440	ng/ul	99
74) Anthracene	17.410	178	84960	2.434	ng/ul	99
80) Fluoranthene	19.386	202	182213	4.116	ng/ul#	94
82) Pyrene	19.733	202	173348	3.667	ng/ul	99
85) Benzo(a)anthracene	21.510	228	91493	1.926	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.322	149	81674	2.682	ng/ul#	100
87) Chrysene	21.510	228	91564	1.902	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	115523	2.481	ng/ul#	91
91) Benzo(k)fluoranthene	23.204	252	115523	2.438	ng/ul#	91
93) Benzo(a)pyrene	23.845	252	65110	1.412	ng/ul#	85

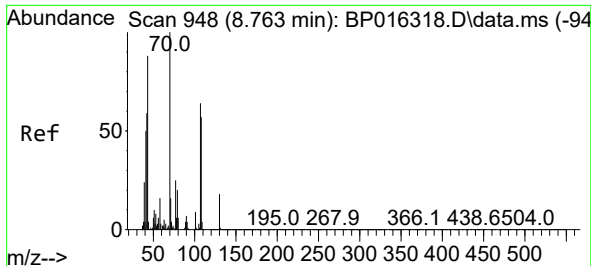
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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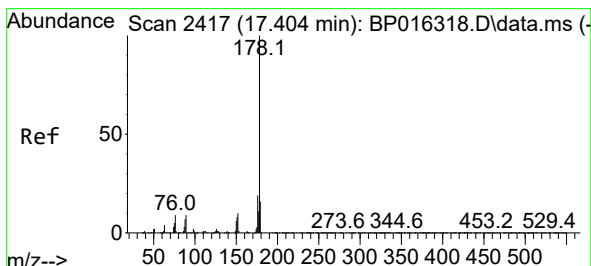
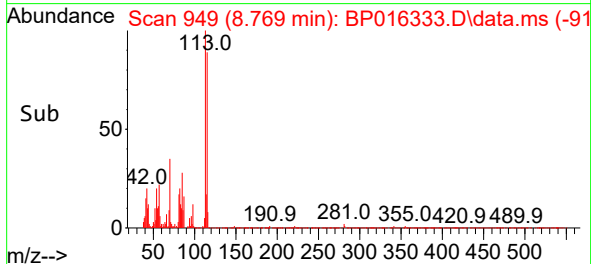
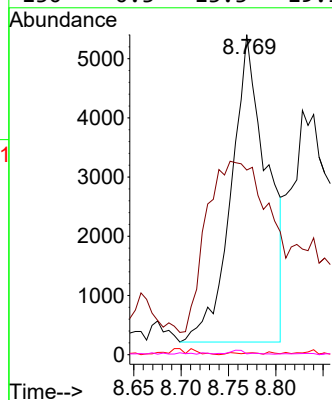
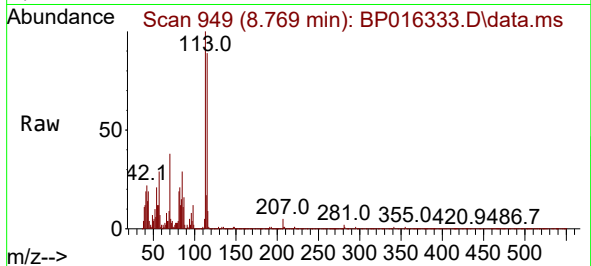




#17
N-Nitroso-di-n-propylamine
Concen: 2.687 ng/ul
RT: 8.769 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

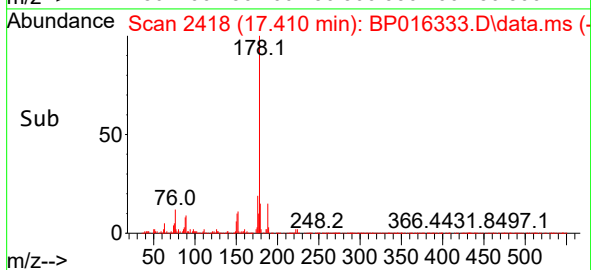
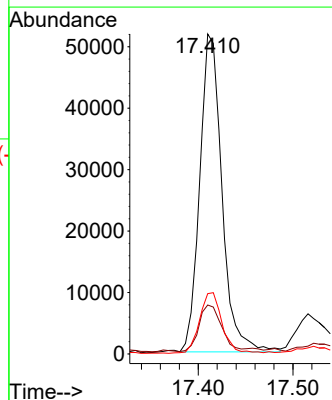
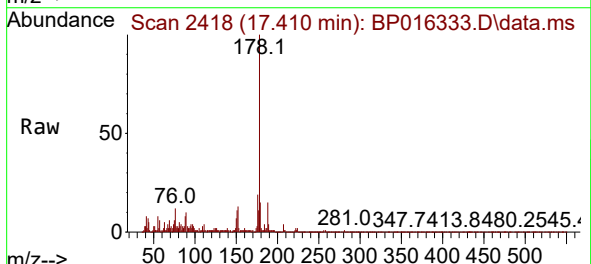
Instrument :
BNA_G
ClientSampleId :
A46R0

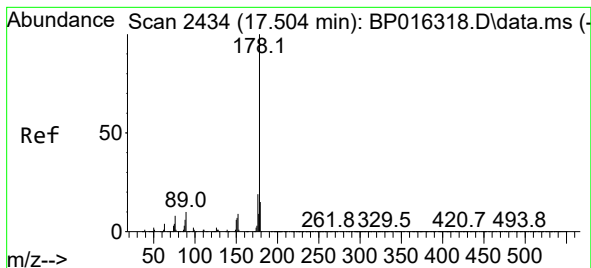
Tgt Ion: 70	Resp: 13610
Ion Ratio	Lower Upper
70	100
42	57.7 50.8 76.2
101	0.5 7.0 10.6#
130	0.3 13.3 19.9#



#72
Phenanthrene
Concen: 2.440 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

Tgt Ion: 178	Resp: 84744
Ion Ratio	Lower Upper
178	100
179	15.3 12.5 18.7
176	18.8 15.6 23.4





#74

Anthracene

Concen: 2.434 ng/ul

RT: 17.410 min Scan# 2434

Delta R.T. -0.094 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

Instrument :

BNA_G

ClientSampleId :

A46R0

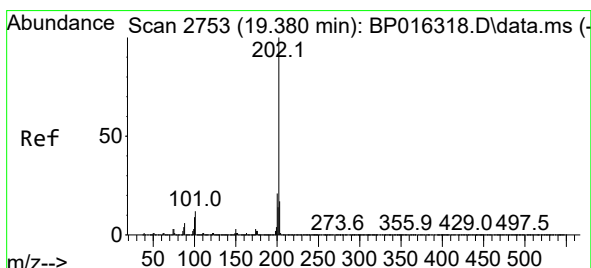
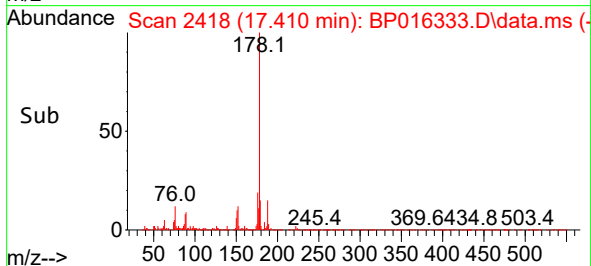
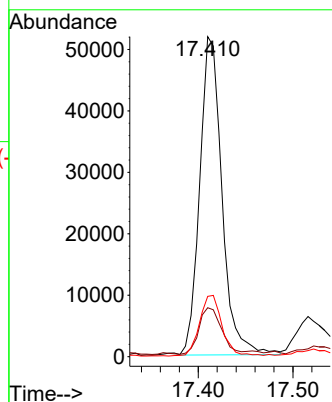
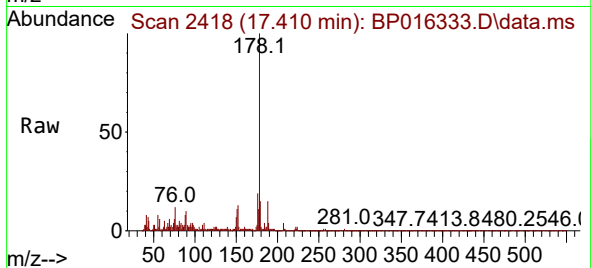
Tgt Ion:178 Resp: 84960

Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 18.8 15.0 22.4



#80

Fluoranthene

Concen: 4.116 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. 0.006 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

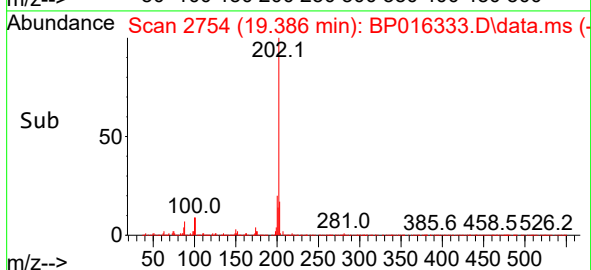
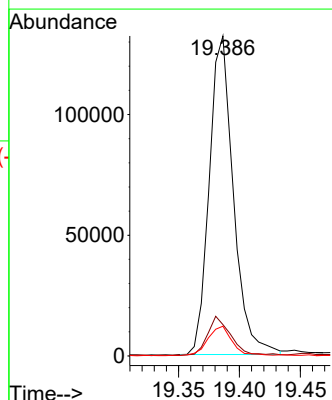
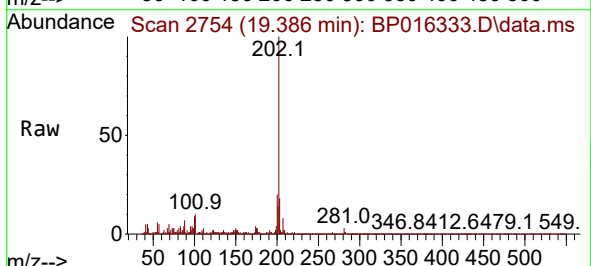
Tgt Ion:202 Resp: 182213

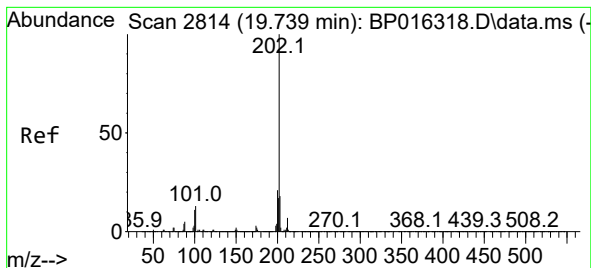
Ion Ratio Lower Upper

202 100

101 9.8 10.4 15.6

100 9.3 8.2 12.4





#82

Pyrene

Concen: 3.667 ng/ul

RT: 19.733 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

Instrument :

BNA_G

ClientSampleId :

A46R0

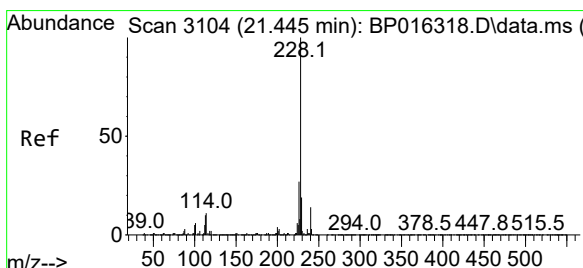
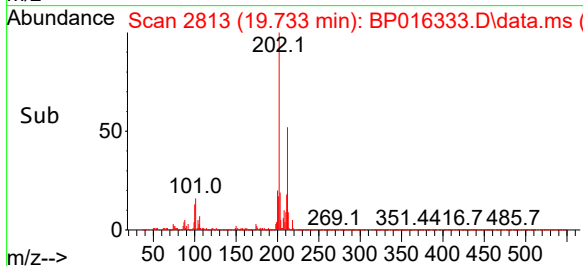
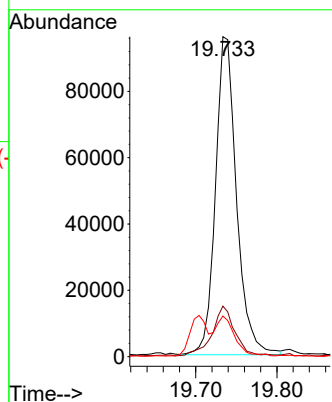
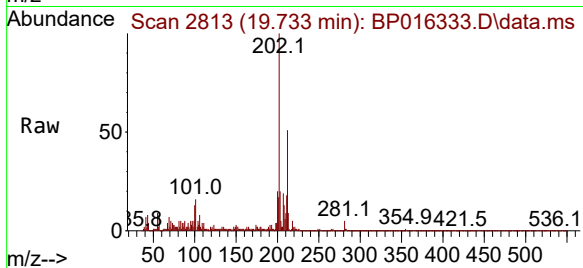
Tgt Ion:202 Resp: 173348

Ion Ratio Lower Upper

202 100

101 15.8 12.4 18.6

100 12.7 10.5 15.7



#85

Benzo(a)anthracene

Concen: 1.926 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. 0.065 min

Lab File: BP016333.D

Acq: 19 Jul 2023 20:28

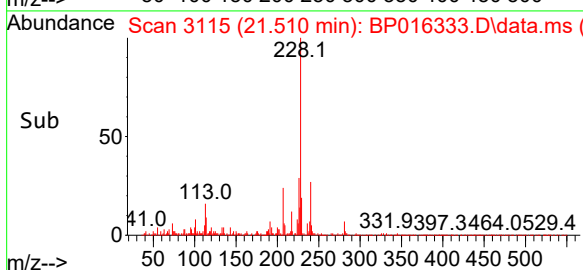
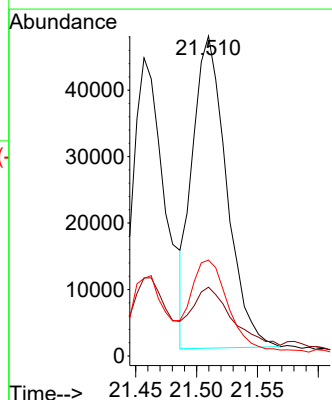
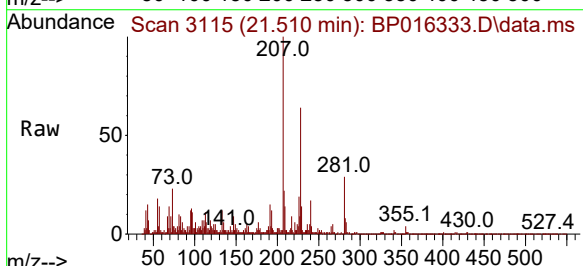
Tgt Ion:228 Resp: 91493

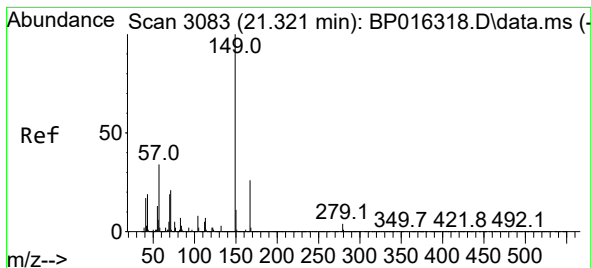
Ion Ratio Lower Upper

228 100

229 21.5 15.5 23.3

226 30.0 21.5 32.3

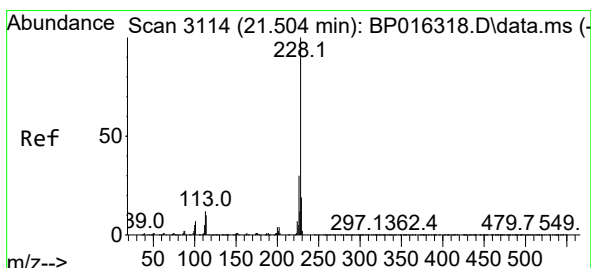
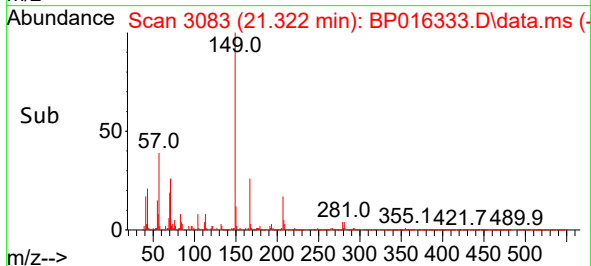
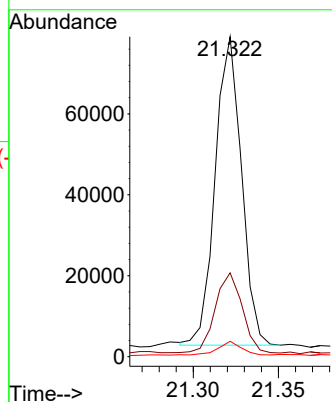
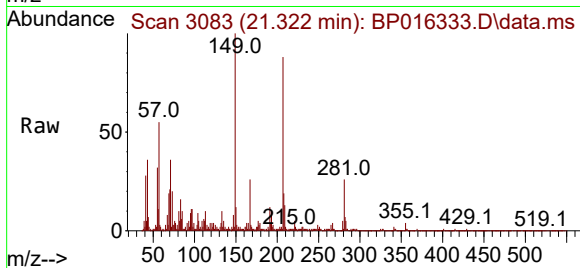




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.682 ng/ul
 RT: 21.322 min Scan# 3083
 Delta R.T. 0.000 min
 Lab File: BP016333.D
 Acq: 19 Jul 2023 20:28

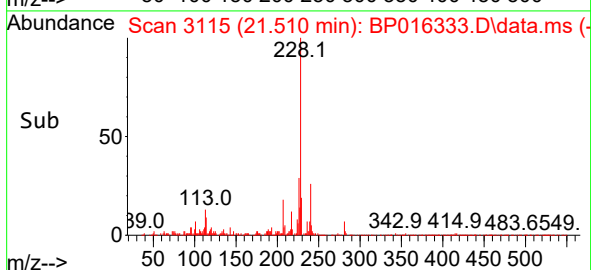
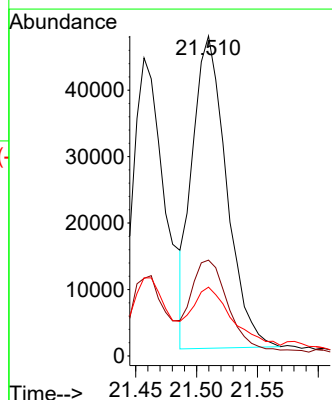
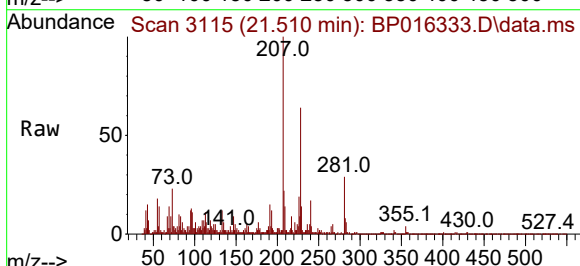
Instrument :
 BNA_G
 ClientSampleId :
 A46R0

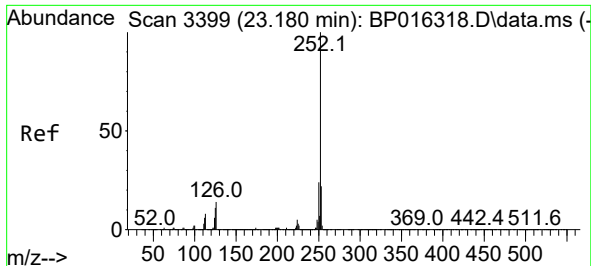
Tgt Ion:149 Resp: 81674
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 4.8 3.0 4.6#



#87
 Chrysene
 Concen: 1.902 ng/ul
 RT: 21.510 min Scan# 3115
 Delta R.T. 0.006 min
 Lab File: BP016333.D
 Acq: 19 Jul 2023 20:28

Tgt Ion:228 Resp: 91564
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 21.5 15.5 23.3

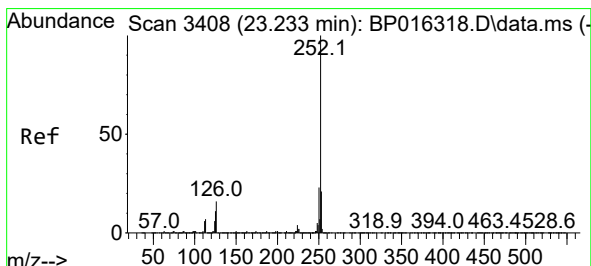
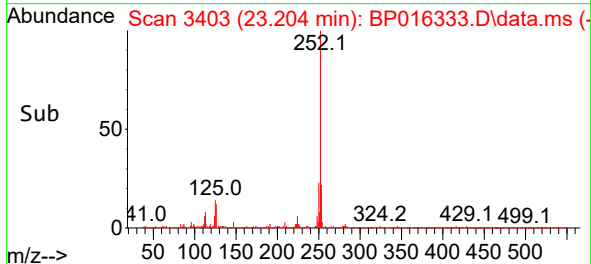
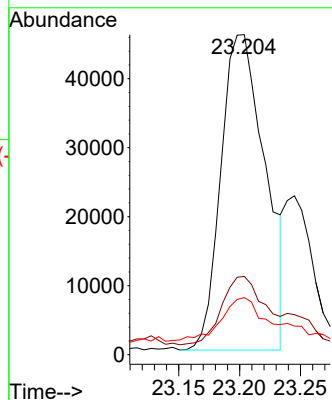
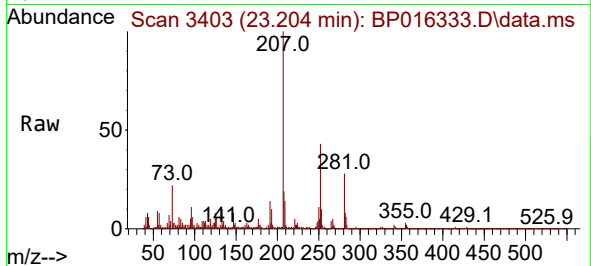




#90
Benzo(b)fluoranthene
Concen: 2.481 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.024 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

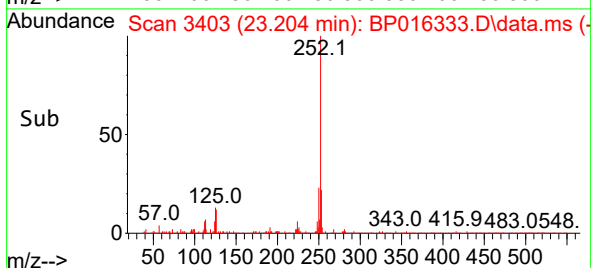
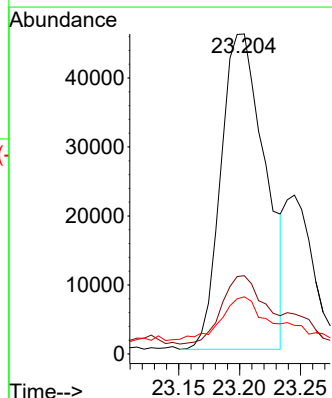
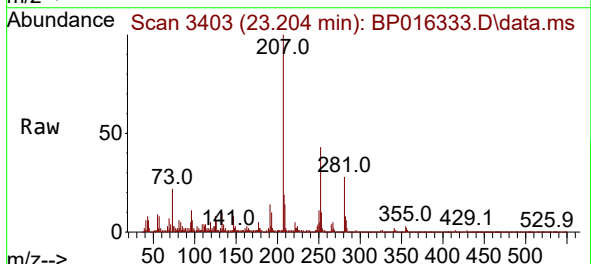
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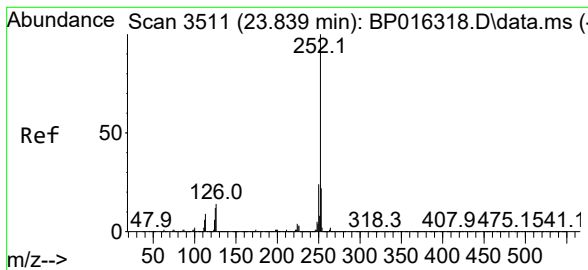
Tgt Ion:252 Resp: 115523
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 17.8 9.4 14.0#



#91
Benzo(k)fluoranthene
Concen: 2.438 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. -0.029 min
Lab File: BP016333.D
Acq: 19 Jul 2023 20:28

Tgt Ion:252 Resp: 115523
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 17.8 9.3 13.9#





#93

Benzo(a)pyrene

Concen: 1.412 ng/ul

RT: 23.845 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP016333.D

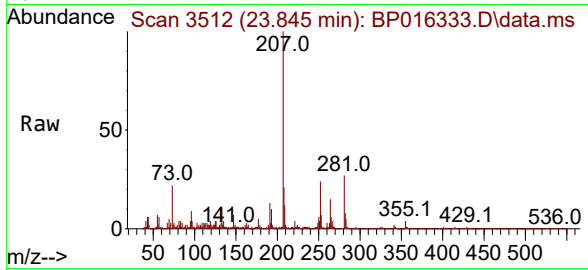
Acq: 19 Jul 2023 20:28

Instrument :

BNA_G

ClientSampleId :

A46R0



Tgt Ion:252 Resp: 65110

Ion Ratio Lower Upper

252 100

253 28.3 17.2 25.8#

125 18.2 9.8 14.6#

