

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015948.D
 Acq On : 03 Jul 2023 13:21
 Operator : MA/JU
 Sample : 03243-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD2

Quant Time: Jul 03 22:08:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

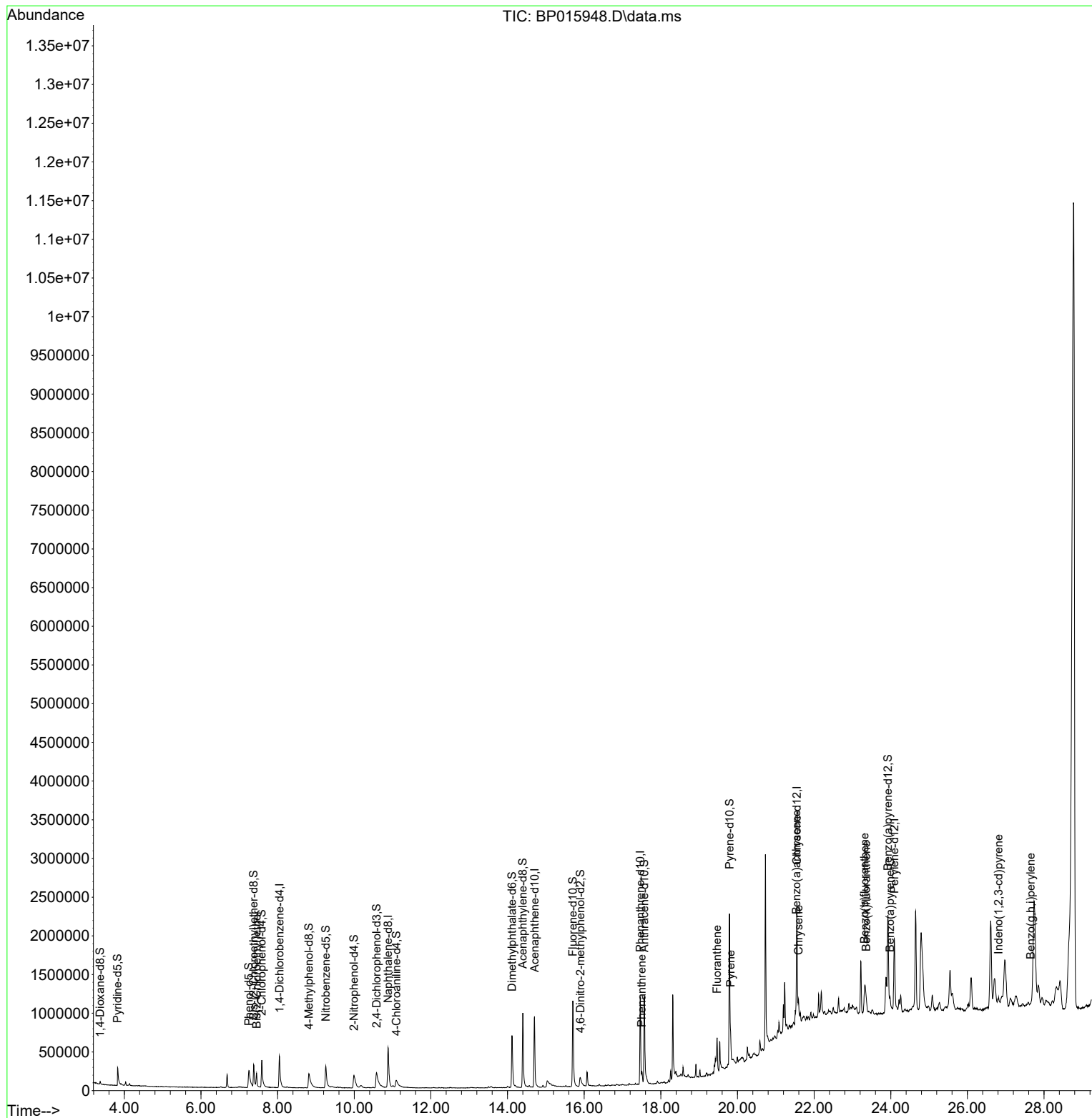
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	152049	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	609449	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	350746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	720688	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	671490	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	802891	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	16374	3.875	ng/uL	0.00
4) Pyridine-d5	3.823	84	149251	14.010	ng/ul	0.00
7) Phenol-d5	7.252	99	254372	19.553	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.375	67	168616	20.949	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	222357	22.642	ng/ul	0.01
15) 4-Methylphenol-d8	8.816	113	166306	16.182	ng/ul	0.04
21) Nitrobenzene-d5	9.258	128	100625	21.604	ng/ul	0.02
24) 2-Nitrophenol-d4	9.993	143	106764	19.640	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.581	165	158122	16.323	ng/ul	0.07
31) 4-Chloroaniline-d4	11.099	131	129644	10.418	ng/ul	0.07
46) Dimethylphthalate-d6	14.116	166	638135	23.539	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	748017	24.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	138	0.039	ng/ul	0.02
60) Fluorene-d10	15.704	176	559445	25.062	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.898	200	47267	10.665	ng/ul	0.04
73) Anthracene-d10	17.569	188	818124	24.852	ng/ul	0.01
81) Pyrene-d10	19.792	212	1027373	23.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1051183	25.954	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.452	93	58359	5.433	ng/ul#	24
72) Phenanthrene	17.504	178	74242	1.896	ng/ul	96
80) Fluoranthene	19.469	202	241081	4.424	ng/ul#	92
82) Pyrene	19.822	202	207345	3.730	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	149489	3.165	ng/ul	96
87) Chrysene	21.592	228	157575	3.516	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	239499	4.642	ng/ul#	90
91) Benzo(k)fluoranthene	23.357	252	86437	1.658	ng/ul#	86
93) Benzo(a)pyrene	23.980	252	151806	3.368	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.810	276	121623	1.987	ng/ul#	94
96) Benzo(g,h,i)perylene	27.651	276	106670	2.119	ng/ul#	91

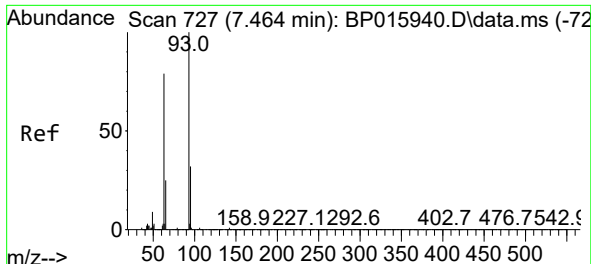
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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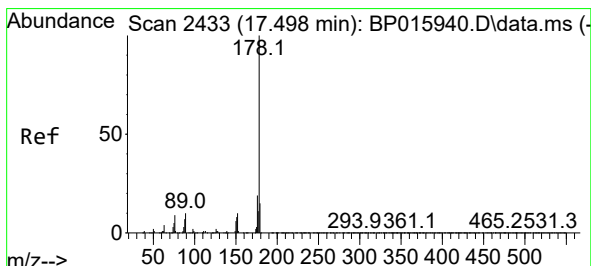
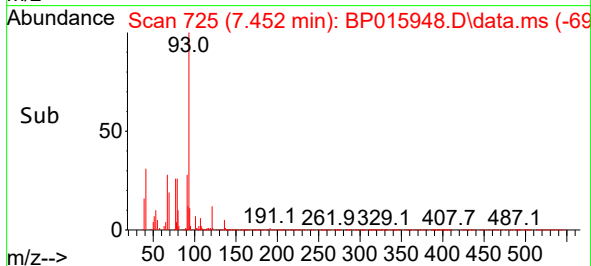
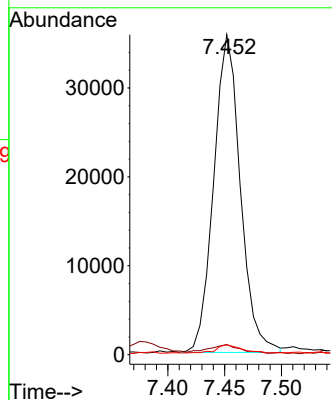
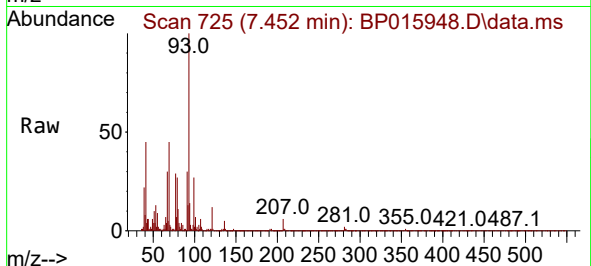




#10
 Bis(2-Chloroethyl)ether
 Concen: 5.433 ng/ul
 RT: 7.452 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP015948.D
 Acq: 03 Jul 2023 13:21

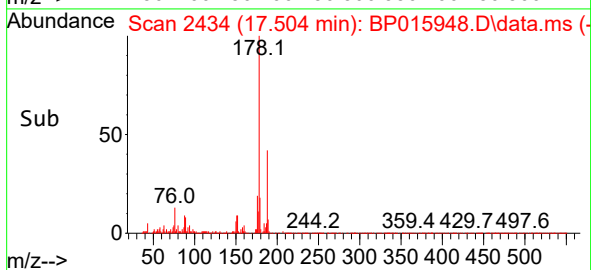
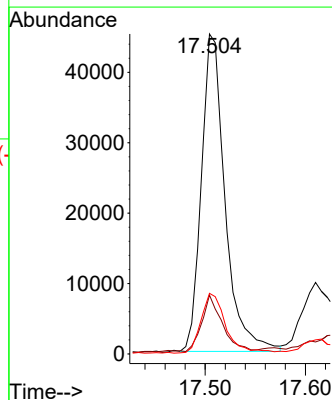
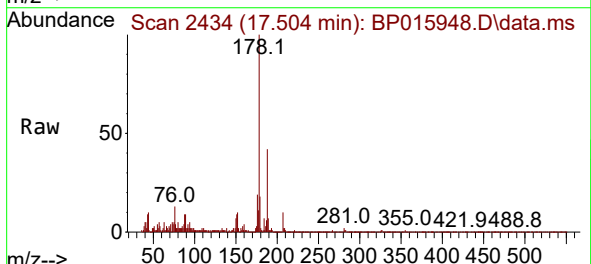
Instrument :
 BNA_P
 ClientSampleId :
 DCGD2

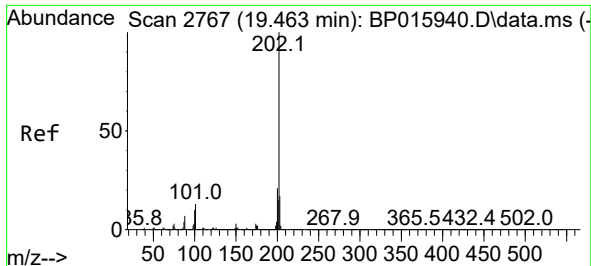
Tgt Ion: 93 Resp: 58359
 Ion Ratio Lower Upper
 93 100
 63 3.2 62.8 94.2#
 95 3.1 25.6 38.4#



#72
 Phenanthrene
 Concen: 1.896 ng/ul
 RT: 17.504 min Scan# 2434
 Delta R.T. 0.006 min
 Lab File: BP015948.D
 Acq: 03 Jul 2023 13:21

Tgt Ion: 178 Resp: 74242
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.4 18.6
 176 19.0 15.6 23.4

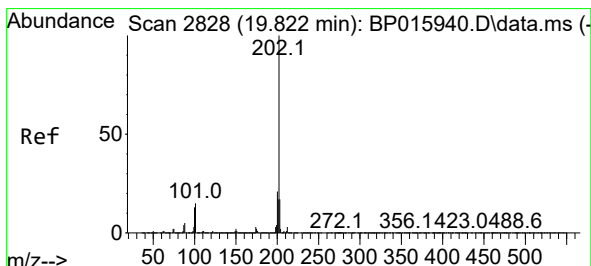
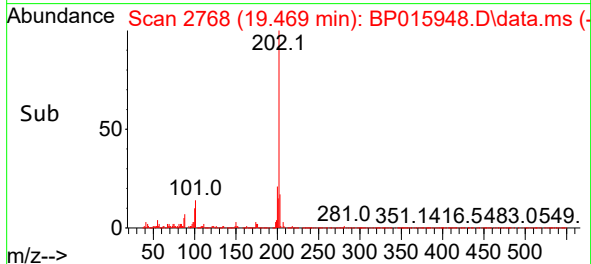
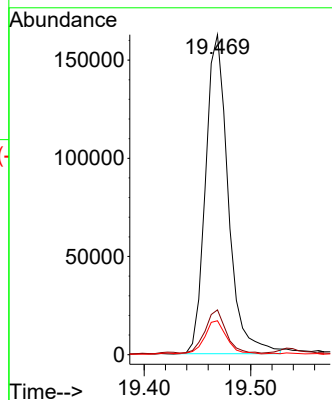
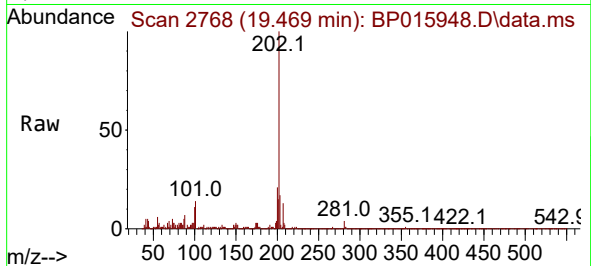




#80
Fluoranthene
Concen: 4.424 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015948.D
Acq: 03 Jul 2023 13:21

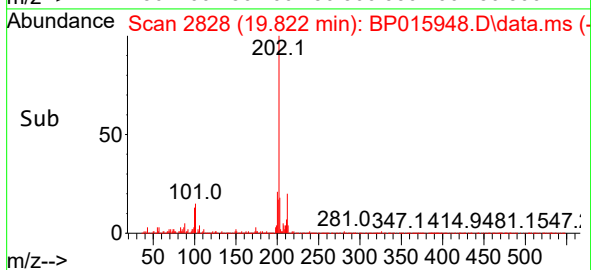
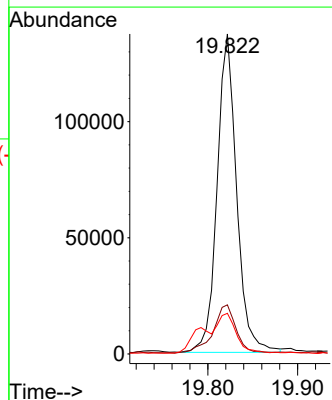
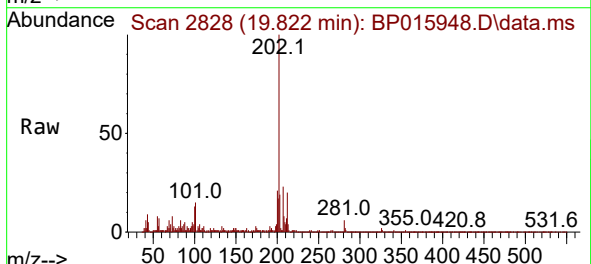
Instrument :
BNA_P
ClientSampleId :
DCGD2

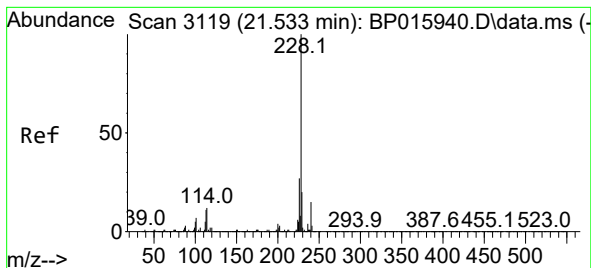
Tgt Ion:202 Resp: 241081
Ion Ratio Lower Upper
202 100
101 14.0 8.3 12.5#
100 10.6 6.6 9.8#



#82
Pyrene
Concen: 3.730 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. 0.006 min
Lab File: BP015948.D
Acq: 03 Jul 2023 13:21

Tgt Ion:202 Resp: 207345
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9#
100 12.7 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 3.165 ng/ul

RT: 21.539 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP015948.D

Acq: 03 Jul 2023 13:21

Instrument :

BNA_P

ClientSampleId :

DCGD2

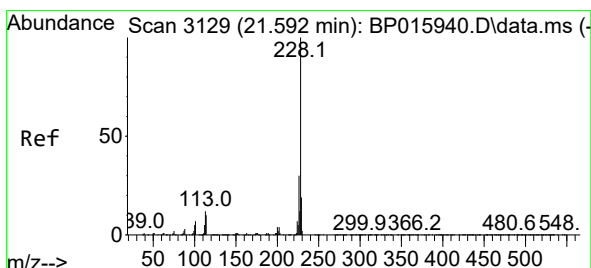
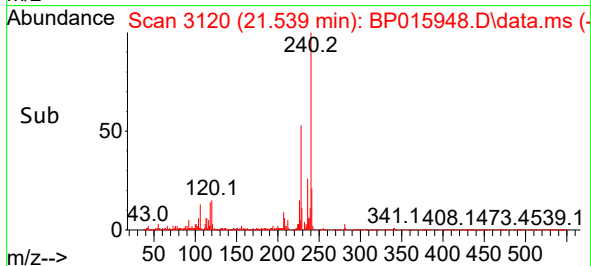
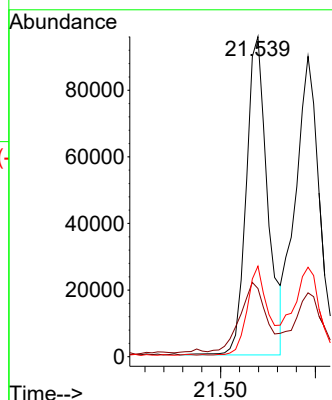
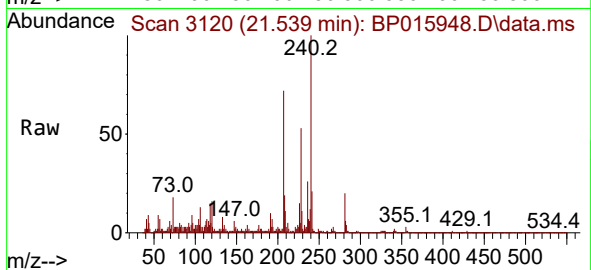
Tgt Ion:228 Resp: 149489

Ion Ratio Lower Upper

228 100

229 21.3 15.3 22.9

226 28.3 21.4 32.0



#87

Chrysene

Concen: 3.516 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015948.D

Acq: 03 Jul 2023 13:21

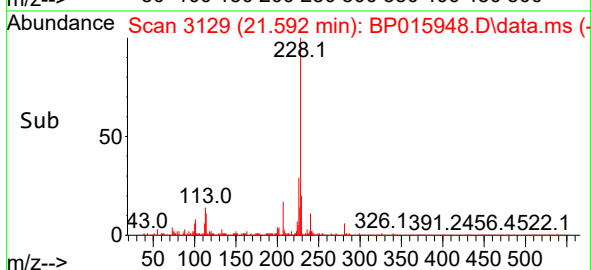
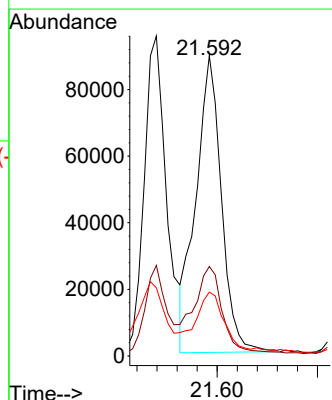
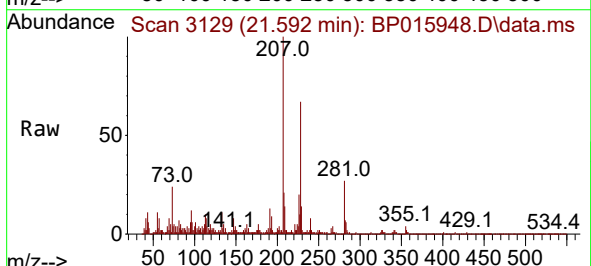
Tgt Ion:228 Resp: 157575

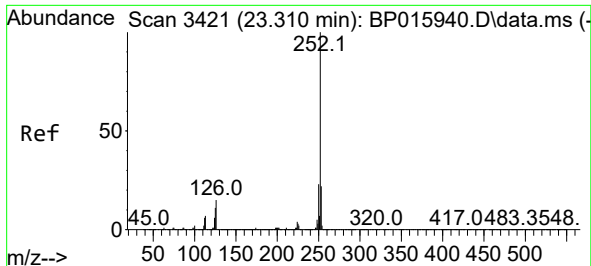
Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 21.3 15.5 23.3

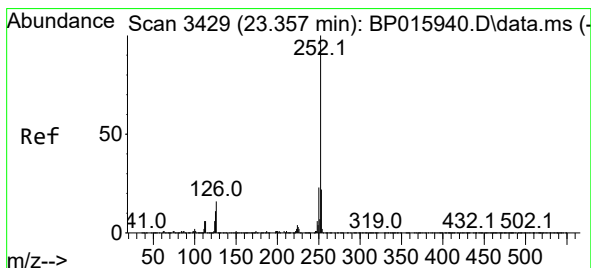
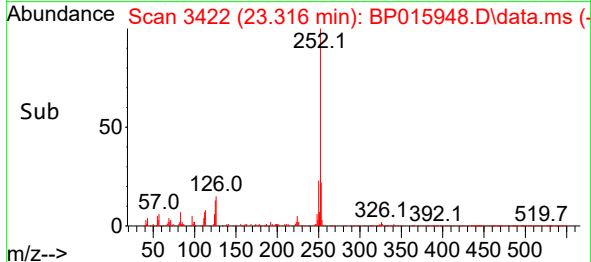
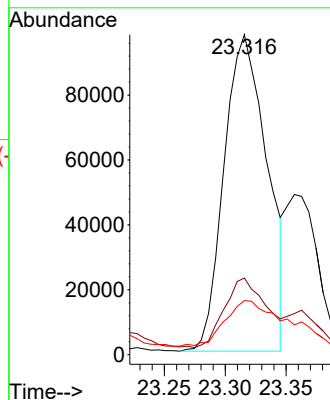
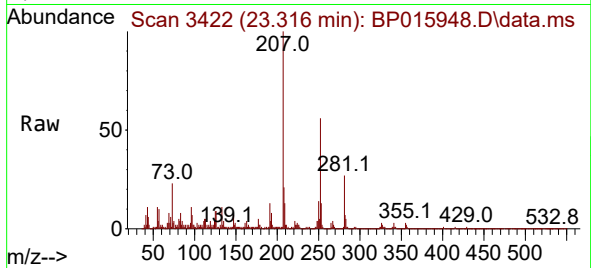




#90
Benzo(b)fluoranthene
Concen: 4.642 ng/ul
RT: 23.316 min Scan# 3421
Delta R.T. 0.006 min
Lab File: BP015948.D
Acq: 03 Jul 2023 13:21

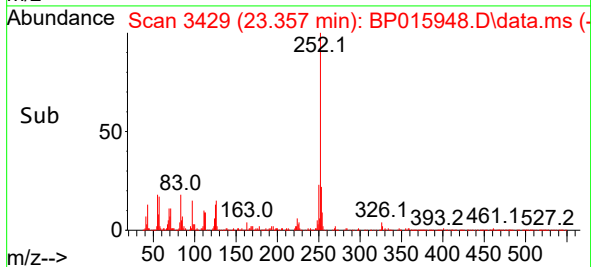
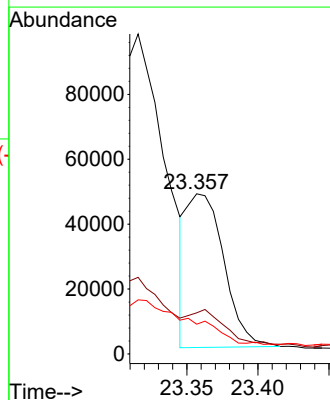
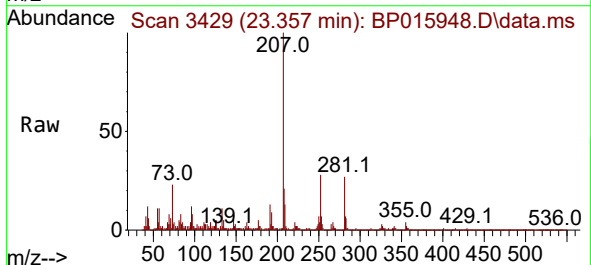
Instrument :
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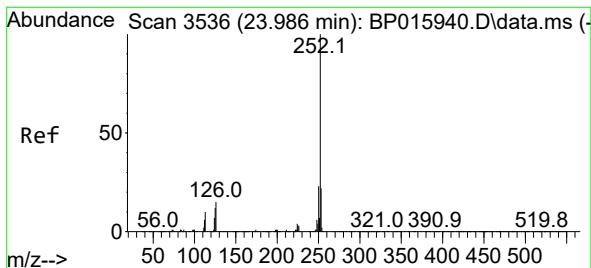
Tgt Ion:252 Resp: 239499
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 16.9 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 1.658 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015948.D
Acq: 03 Jul 2023 13:21

Tgt Ion:252 Resp: 86437
Ion Ratio Lower Upper
252 100
253 25.6 17.0 25.4#
125 18.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.368 ng/ul

RT: 23.980 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015948.D

Acq: 03 Jul 2023 13:21

Instrument :

BNA_P

ClientSampleId :

DCGD2

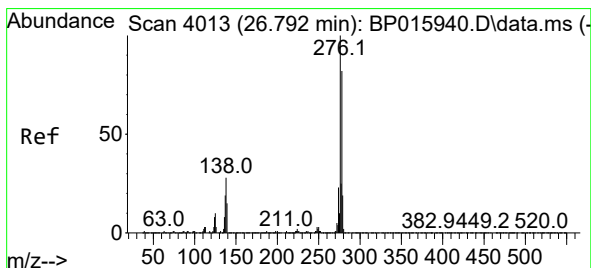
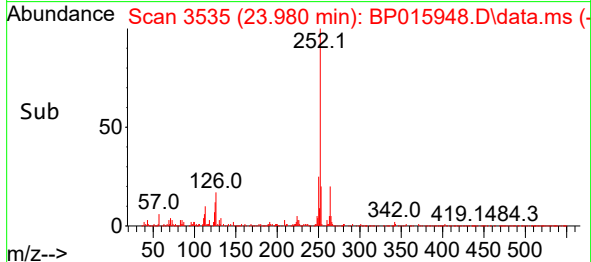
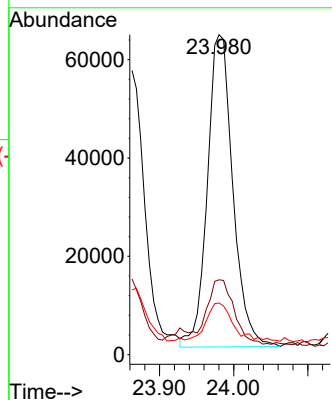
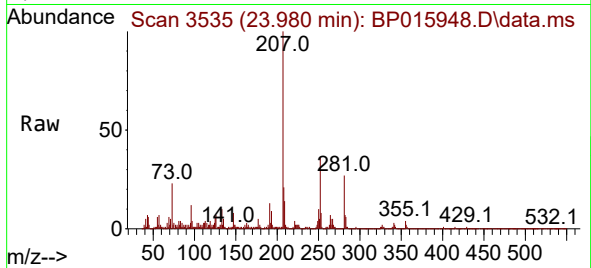
Tgt Ion:252 Resp: 151806

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 16.1 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.987 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015948.D

Acq: 03 Jul 2023 13:21

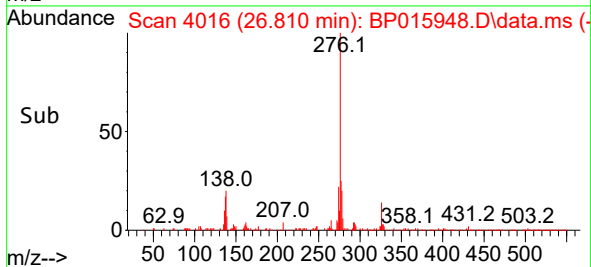
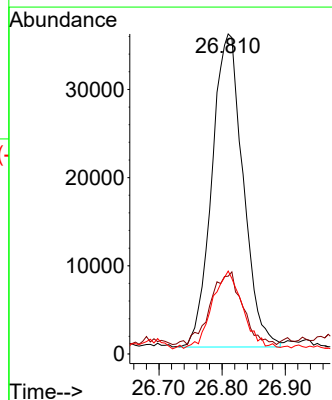
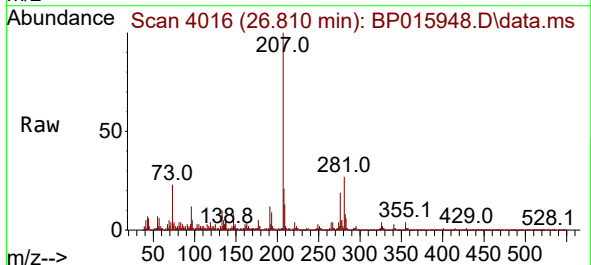
Tgt Ion:276 Resp: 121623

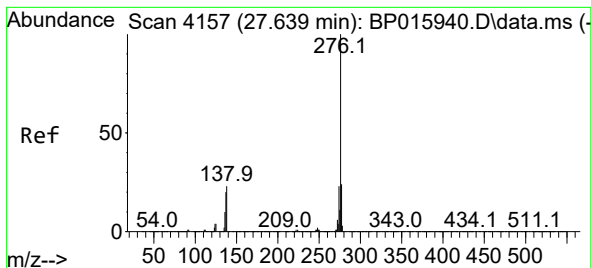
Ion Ratio Lower Upper

276 100

138 24.3 15.7 23.5#

277 25.9 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.119 ng/ul

RT: 27.651 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP015948.D

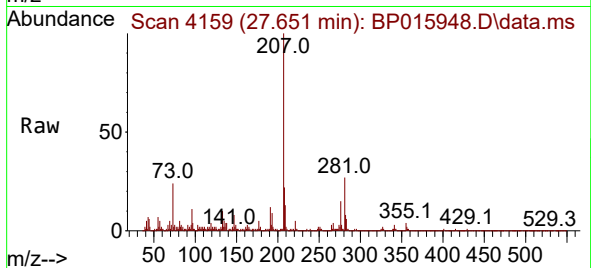
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Instrument :

BNA_P

ClientSampleId :

DCGD2



Tgt Ion:276 Resp: 106670

Ion Ratio Lower Upper

276 100

138 27.9 15.1 22.7#

277 23.7 18.8 28.2

