

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014142.D
 Acq On : 20 Mar 2023 16:09
 Operator : CG/JU
 Sample : 01927-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAQ7

Quant Time: Mar 21 00:47:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:12:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	185216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	762402	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	515366	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1210607	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1064476	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	975652	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	11969	2.442	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.210	99	239105	14.629	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	149627	15.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	189637	15.228	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	192693	14.433	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	96205	15.815	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	112140	15.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	204858	14.951	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	68234	3.763	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	680740	15.564	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	744024	16.058	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	93331	12.109	ng/u1	0.00
60) Fluorene-d10	15.687	176	599414	16.171	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	115853	12.662	ng/u1	0.00
73) Anthracene-d10	17.551	188	965567m	16.430	ng/u1	0.00
81) Pyrene-d10	19.775	212	1214738	20.691	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	889139	17.133	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.234	94	20832	1.236	ng/u1	92
16) Acetophenone	8.887	105	127360	5.905	ng/u1	99
72) Phenanthrene	17.492	178	121796m	1.845	ng/u1	
78) Di-n-butylphthalate	18.380	149	112085	1.519	ng/u1	99
80) Fluoranthene	19.451	202	168230	2.514	ng/u1#	98
82) Pyrene	19.804	202	136714	1.958	ng/u1#	95
85) Benzo(a)anthracene	21.516	228	75507	1.008	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	67423	1.602	ng/u1	95
90) Benzo(b)fluoranthene	23.280	252	81857	1.259	ng/u1#	92

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

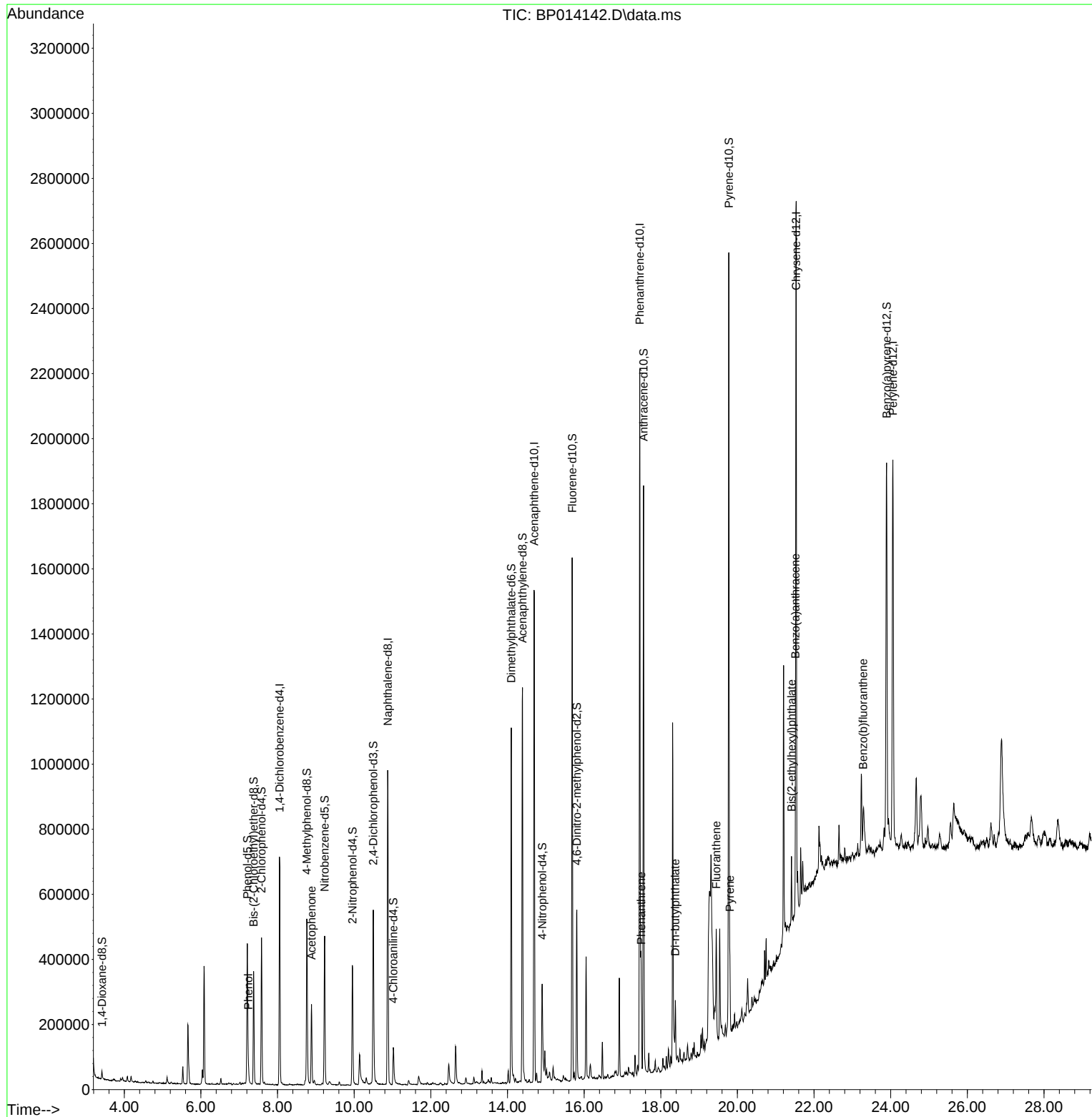
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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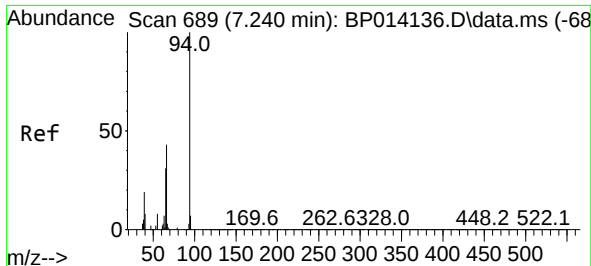
Instrument :
BNA_P
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#8

Phenol

Concen: 1.236 ng/ul

RT: 7.234 min Scan# 689

Delta R.T. -0.006 min

Lab File: BP014142.D

Acq: 20 Mar 2023 16:09

Instrument :

BNA_P

ClientSampleId :

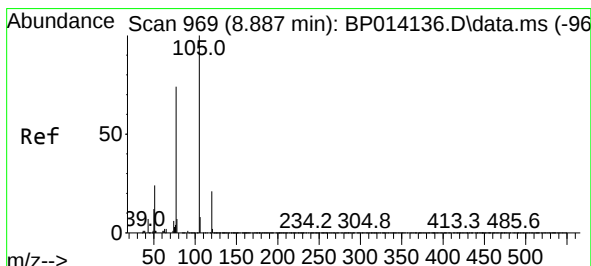
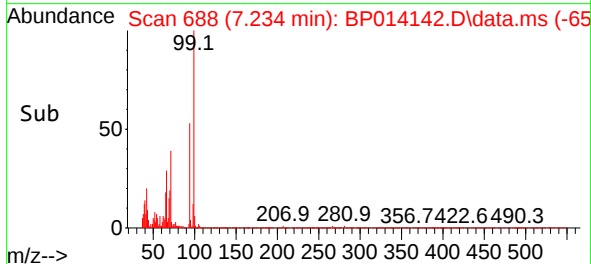
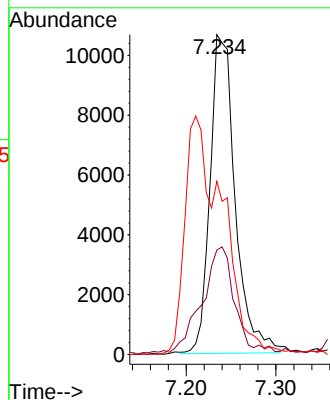
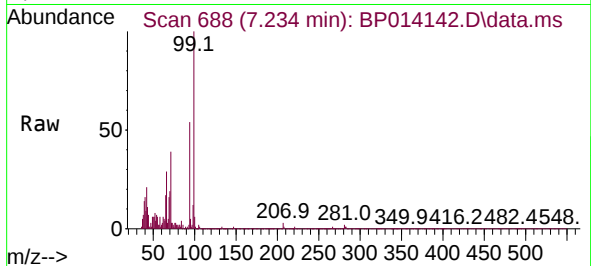
DCAQ7

Tgt Ion: 94	Resp: 20832
Ion Ratio	Lower Upper
94 100	
65 32.7	25.2 37.8
66 54.1	37.2 55.8

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#16

Acetophenone

Concen: 5.905 ng/ul

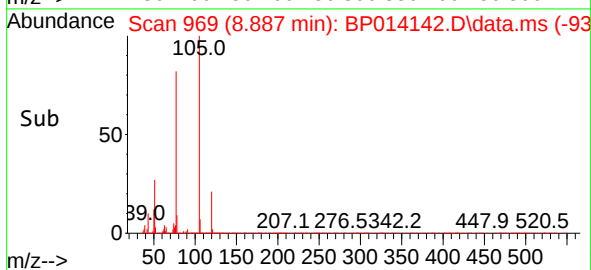
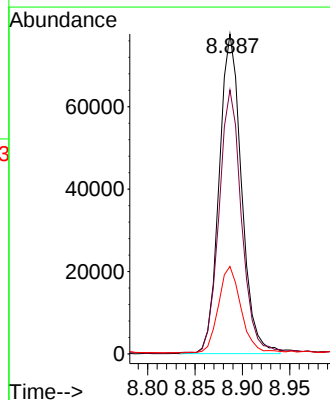
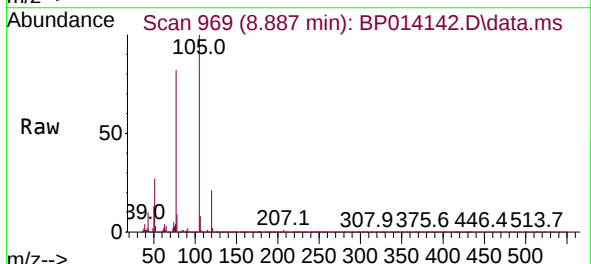
RT: 8.887 min Scan# 969

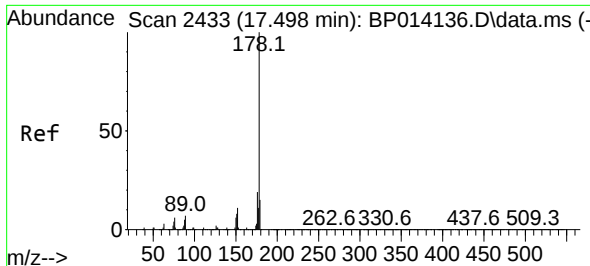
Delta R.T. 0.000 min

Lab File: BP014142.D

Acq: 20 Mar 2023 16:09

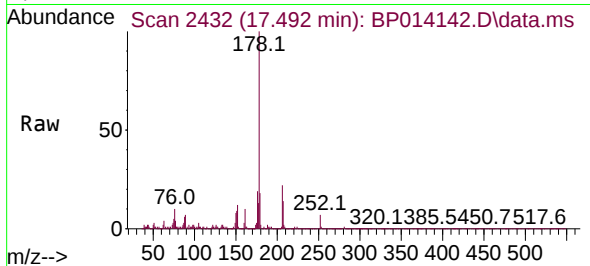
Tgt Ion:105	Resp: 127360
Ion Ratio	Lower Upper
105 100	
77 82.5	65.4 98.2
51 27.3	21.8 32.8





#72
Phenanthrene
Concen: 1.845 ng/ul m
RT: 17.492 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP014142.D
Acq: 20 Mar 2023 16:09

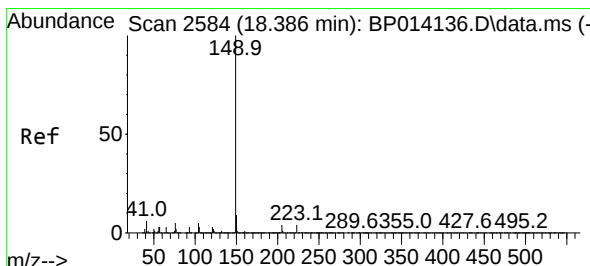
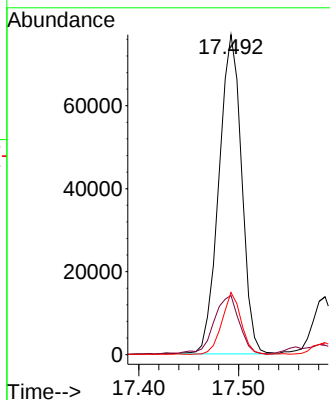
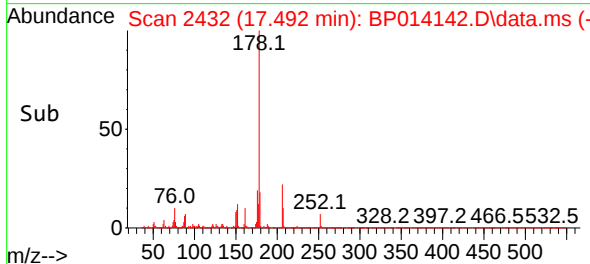
Instrument :
BNA_P
ClientSampleId :
DCAQ7



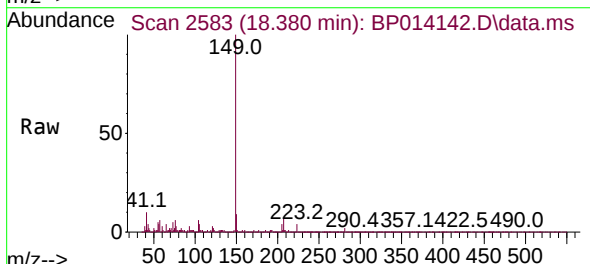
Tgt Ion:178 Resp: 121796
Ion Ratio Lower Upper
178 100
179 18.5 12.2 18.4
176 19.4 15.4 23.0

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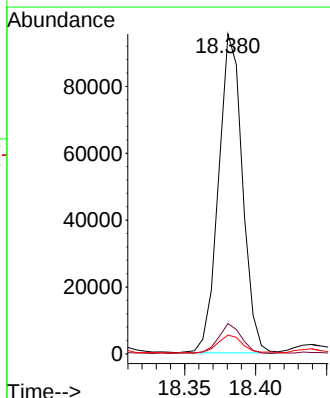
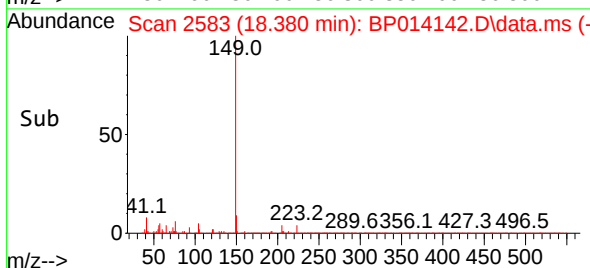
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

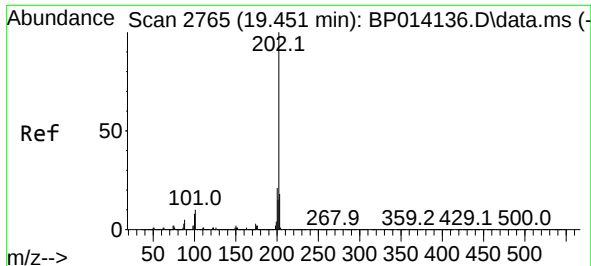


#78
Di-n-butylphthalate
Concen: 1.519 ng/ul
RT: 18.380 min Scan# 2583
Delta R.T. -0.006 min
Lab File: BP014142.D
Acq: 20 Mar 2023 16:09



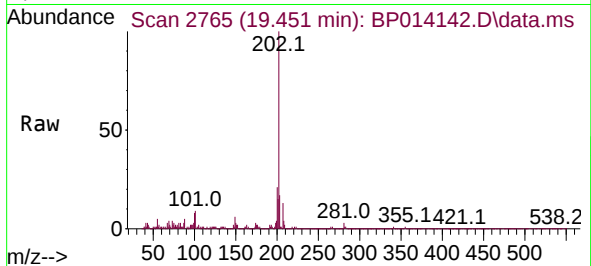
Tgt Ion:149 Resp: 112085
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.9 4.6 6.8





#80
Fluoranthene
Concen: 2.514 ng/ul
RT: 19.451 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BP014142.D
Acq: 20 Mar 2023 16:09

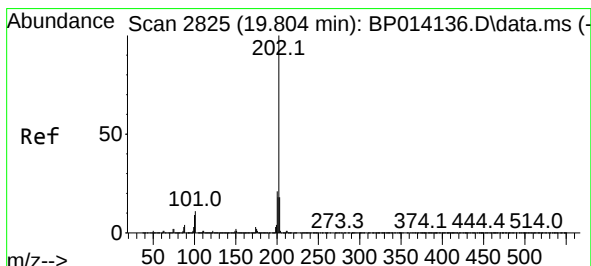
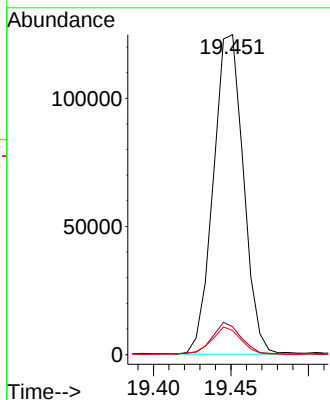
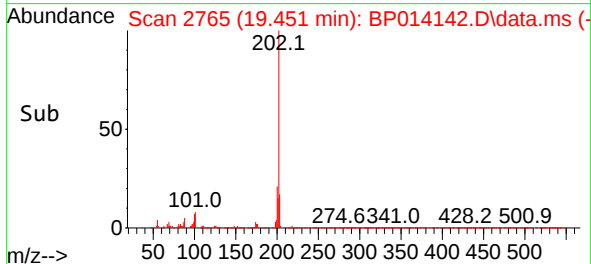
Instrument :
BNA_P
ClientSampleId :
DCAQ7



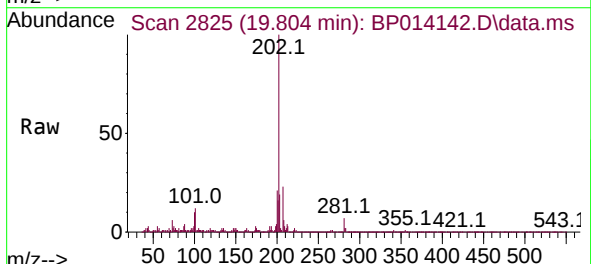
Tgt Ion:202 Resp: 168230
Ion Ratio Lower Upper
202 100
101 8.7 6.6 10.0
100 7.5 5.0 7.4

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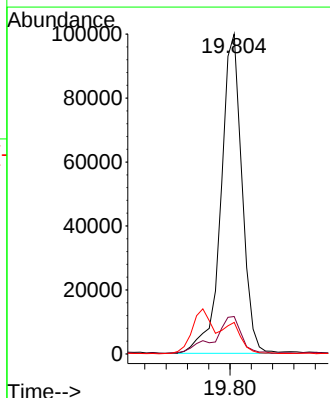
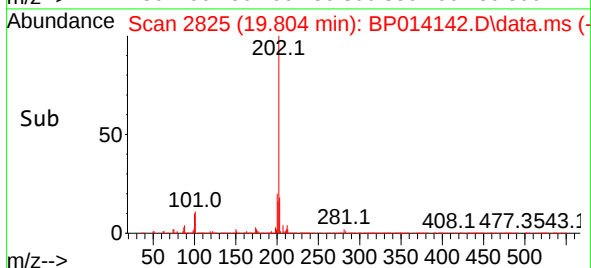
Reviewed By :Christian Giraldo 03/21/2023
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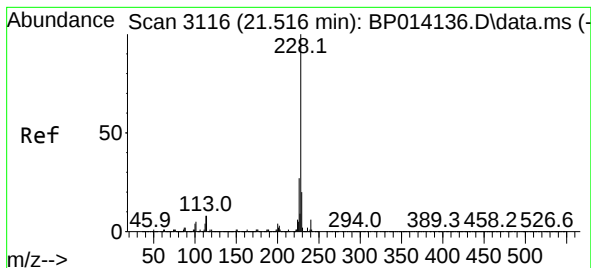


#82
Pyrene
Concen: 1.958 ng/ul
RT: 19.804 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP014142.D
Acq: 20 Mar 2023 16:09



Tgt Ion:202 Resp: 136714
Ion Ratio Lower Upper
202 100
101 11.7 7.8 11.8
100 9.8 6.5 9.7





#85

Benzo(a)anthracene

Concen: 1.008 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014142.D

Acq: 20 Mar 2023 16:09

Instrument :

BNA_P

ClientSampleId :

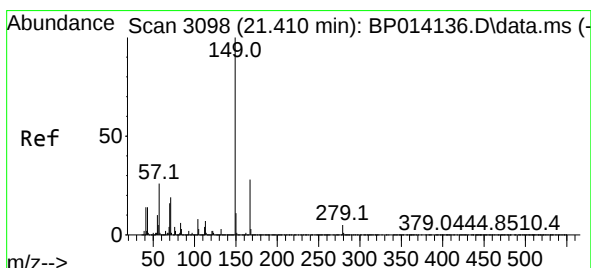
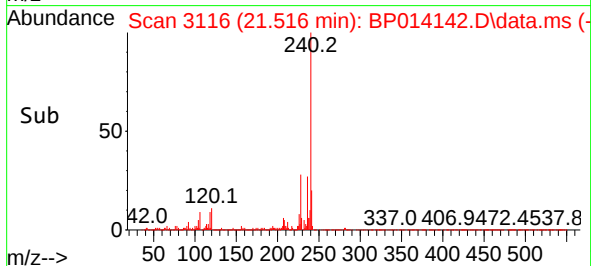
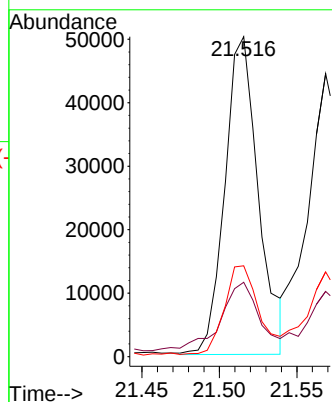
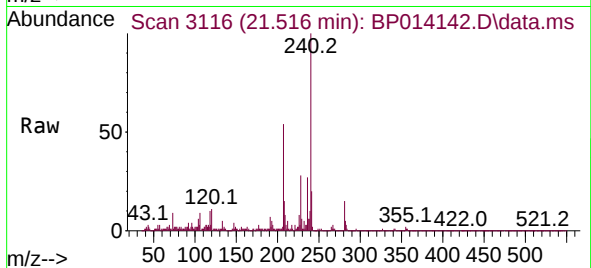
DCAQ7

Tgt Ion:	228	Resp:	7550
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.5	23.3
226	28.4	22.1	33.1

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.602 ng/ul

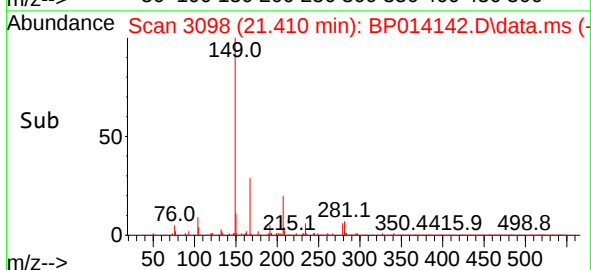
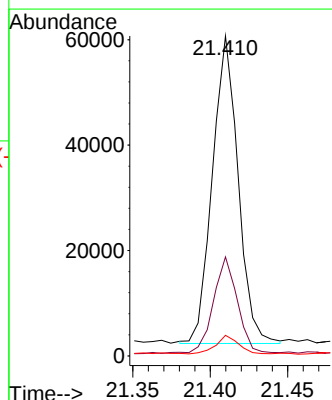
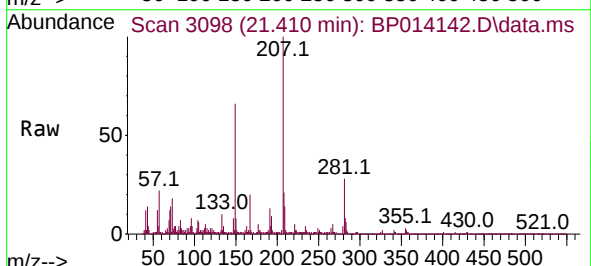
RT: 21.410 min Scan# 3098

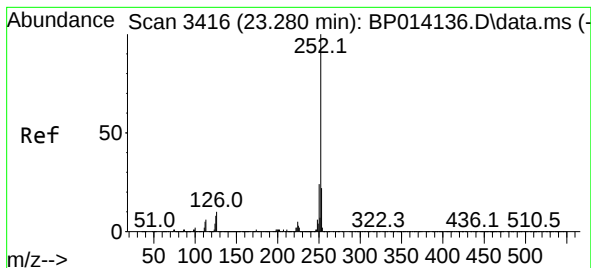
Delta R.T. 0.000 min

Lab File: BP014142.D

Acq: 20 Mar 2023 16:09

Tgt Ion:	149	Resp:	67423
Ion Ratio	Lower	Upper	
149	100		
167	30.9	22.3	33.5
279	6.4	4.3	6.5





#90

Benzo(b)fluoranthene

Concen: 1.259 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BP014142.D

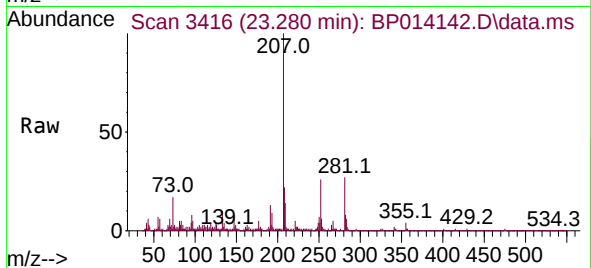
Acq: 20 Mar 2023 16:09

Instrument :

BNA_P

ClientSampleId :

DCAQ7



Tgt Ion:252 Resp: 8185

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 13.7 5.4 8.2

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