

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
 Data File : BP007427.D
 Acq On : 14 Oct 2021 23:25
 Operator : CG/JU
 Sample : M4126-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA4

Manual Integrations
 APPROVED

mohammad
 10/18/2021 10:30:46 AM

Quant Time: Oct 15 02:17:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 14 13:04:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	251970	20.00	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1035505	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	635783	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1187280	20.00	ng/ul	0.00
79) Chrysene-d12	21.428	240	1197503	20.00	ng/ul	-0.02
88) Perylene-d12	23.880	264	1291325	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	10810	1.69	ng/uL	0.00
4) Pyridine-d5	3.799	84	77577	4.44	ng/ul	0.00
7) Phenol-d5	7.117	99	188315	9.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	119128	10.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	151870	9.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	111744	7.37	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	68686	10.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	64774	10.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	145787	9.76	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	198660	9.84	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	488013	11.09	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	606732	10.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	62115	8.80	ng/ul	-0.01
60) Fluorene-d10	15.587	176	428297	11.64	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	19809	4.16	ng/ul	0.00
73) Anthracene-d10	17.451	188	605813	12.01	ng/ul	0.00
81) Pyrene-d10	19.675	212	580639	9.70	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.722	264	360082	5.60	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.781	105	32748	1.41	ng/ul	91
52) Acenaphthene	14.657	153	57355	1.59	ng/ul	98
56) Dibenzofuran	14.993	168	59264	1.13	ng/ul	97
61) Fluorene	15.645	166	66980	1.69	ng/ul	98
72) Phenanthrene	17.392	178	1017123	17.14	ng/ul	99
74) Anthracene	17.481	178	241310	4.06	ng/ul	100
77) Carbazole	17.745	167	114879	2.20	ng/ul	98
80) Fluoranthene	19.351	202	1628963	21.93	ng/ul	99
82) Pyrene	19.704	202	947509	12.65	ng/ul	99
85) Benzo(a)anthracene	21.416	228	782614	10.64	ng/ul	99
87) Chrysene	21.469	228	751878	10.55	ng/ul	98
90) Benzo(b)fluoranthene	23.133	252	914729	11.64	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	388838m	5.31	ng/ul	
93) Benzo(a)pyrene	23.774	252	261787	3.48	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.439	276	251156	2.88	ng/ul	95
95) Dibenzo(a,h)anthracene	26.451	278	116039	1.56	ng/ul#	93

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

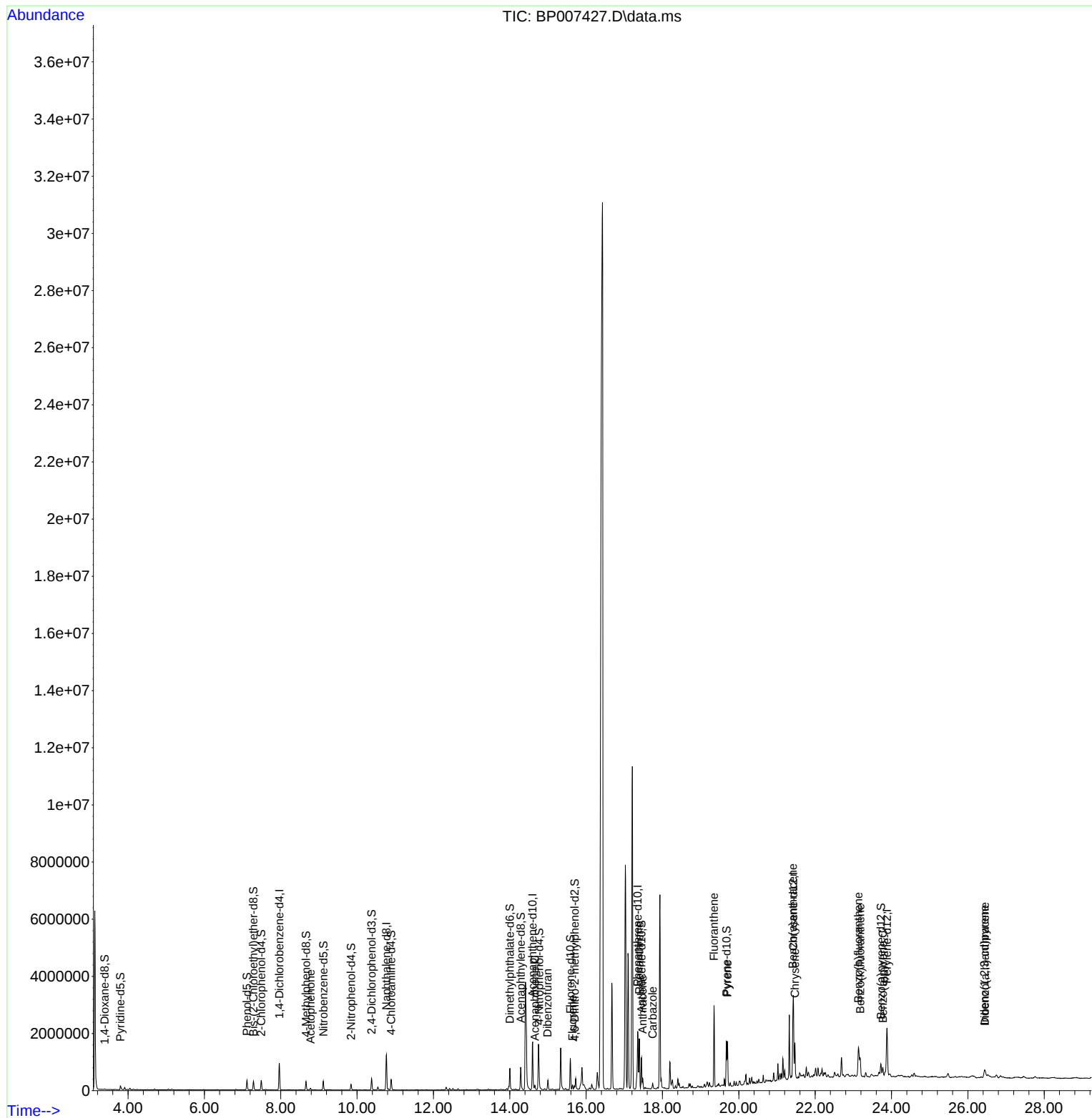
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Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

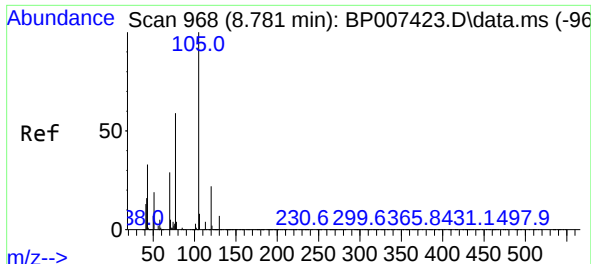
Instrument :
BNA_P
ClientSampleId :
C0AA4

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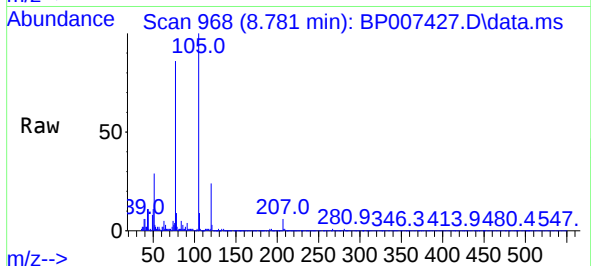
Quant Time: Oct 15 02:17:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.41 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

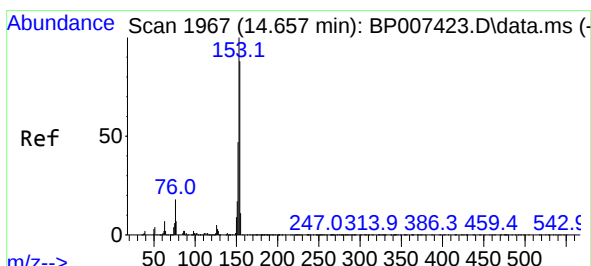
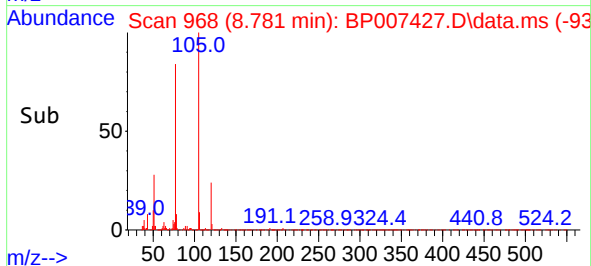
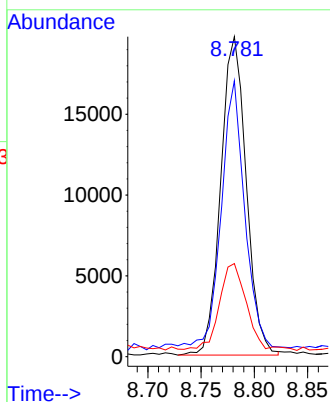
Instrument :
BNA_P
ClientSampled :
C0AA4



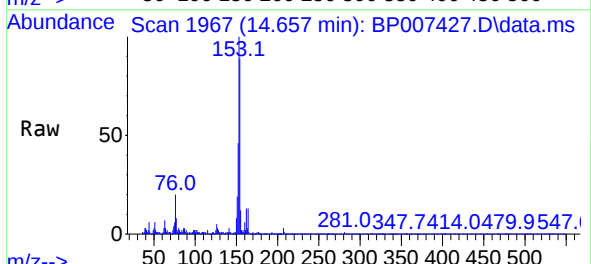
Tgt Ion:	105	Resp:	32748
Ion	Ratio	Lower	Upper
105	100		
77	86.2	61.8	92.6
51	29.1	20.8	31.2

Manual Integrations
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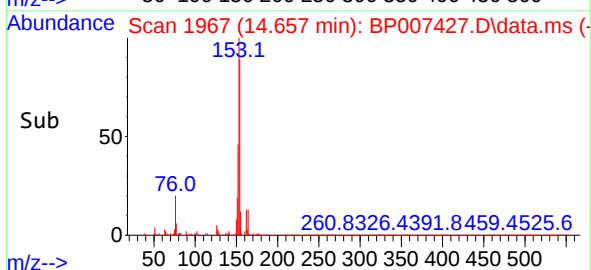
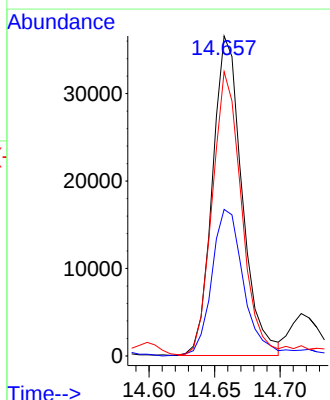
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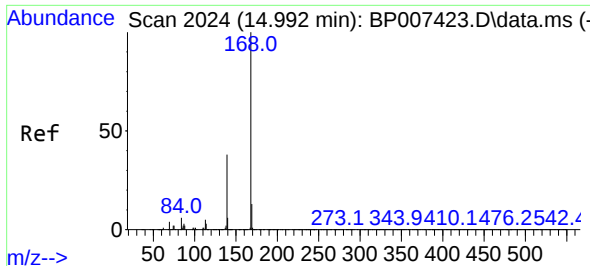


#52
Acenaphthene
Concen: 1.59 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25



Tgt Ion:	153	Resp:	57355
Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.9	56.9
154	88.9	70.1	105.1





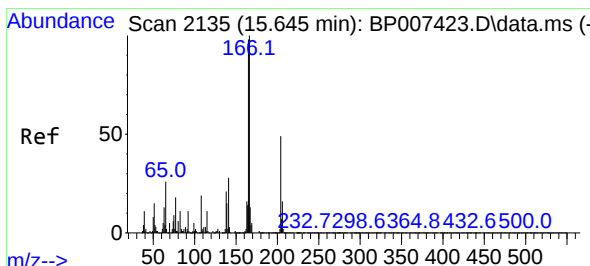
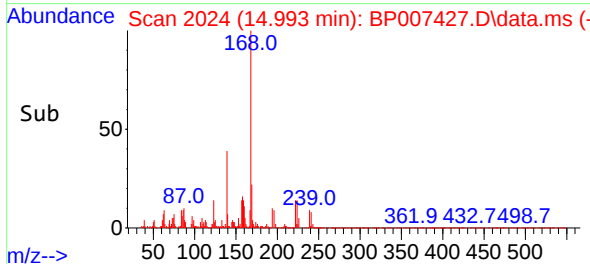
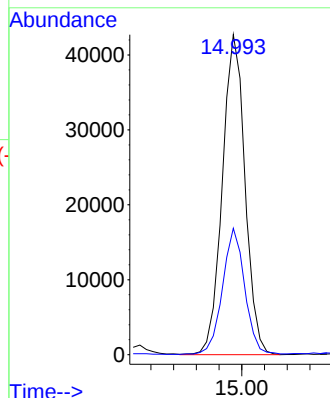
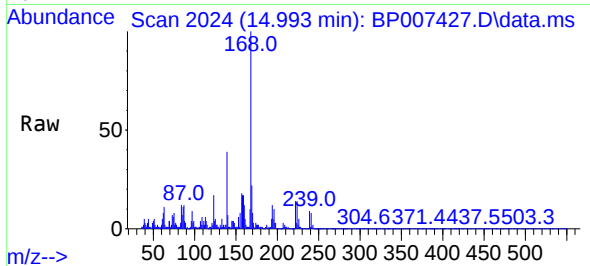
#56
Dibenzenofuran
Concen: 1.13 ng/ul
RT: 14.993 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

Instrument :
BNA_P
ClientSampled :
C0AA4

Tgt Ion:168 Resp: 59264
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1

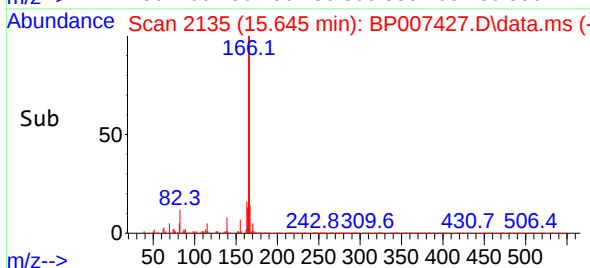
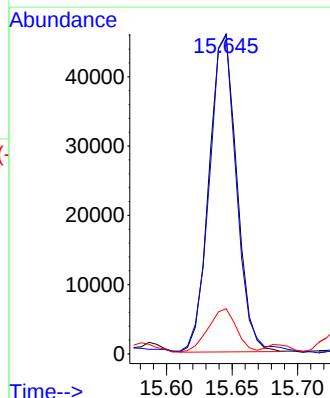
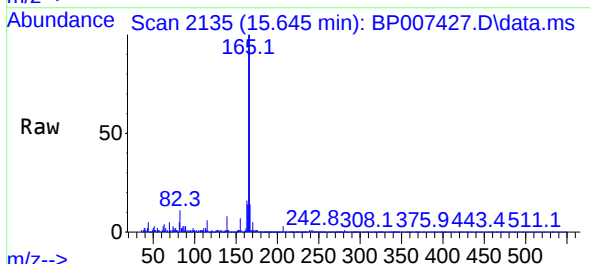
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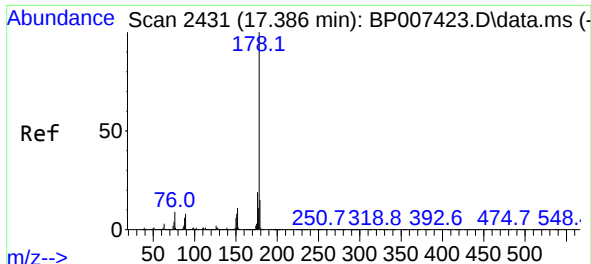
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#61
Fluorene
Concen: 1.69 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

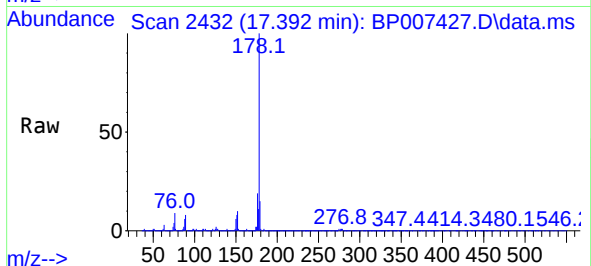
Tgt Ion:166 Resp: 66980
Ion Ratio Lower Upper
166 100
165 100.4 78.4 117.6
167 14.2 10.9 16.3





#72
Phenanthrene
Concen: 17.14 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

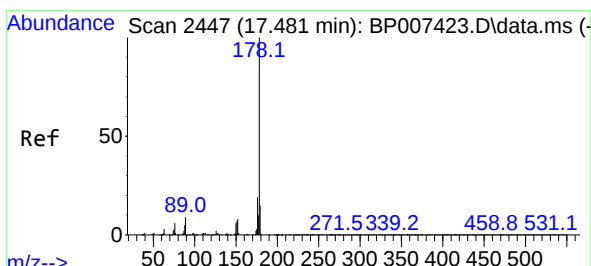
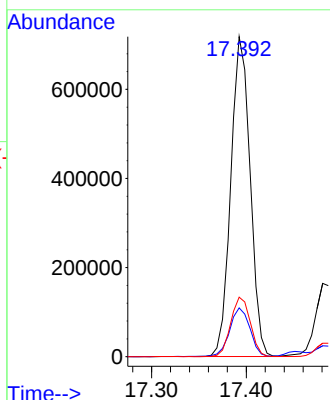
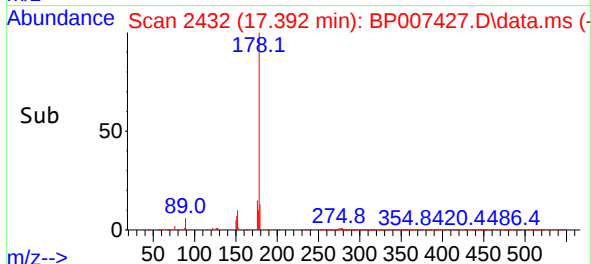
Instrument :
BNA_P
ClientSampleId :
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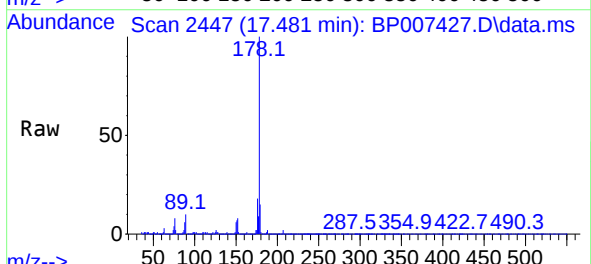
Tgt Ion:178 Resp: 1017123
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.6 15.2 22.8

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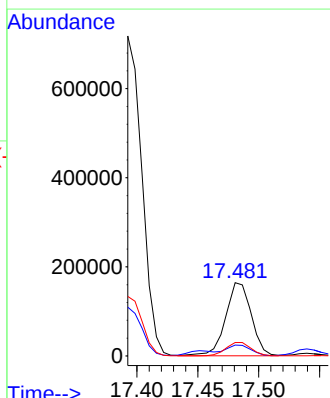
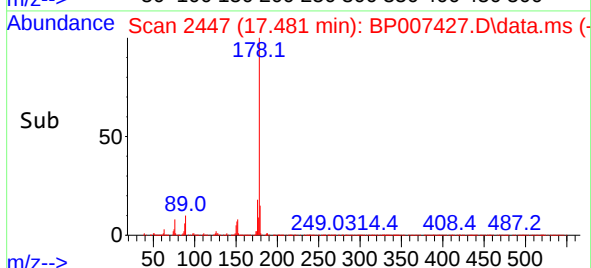
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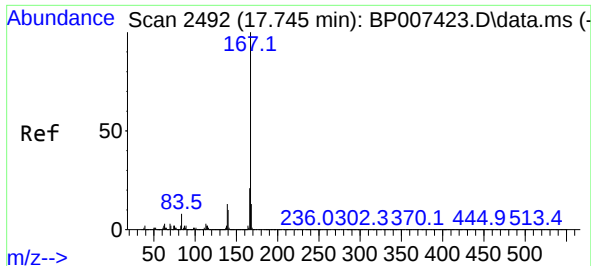


#74
Anthracene
Concen: 4.06 ng/ul
RT: 17.481 min Scan# 2447
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25



Tgt Ion:178 Resp: 241310
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 18.3 14.6 22.0





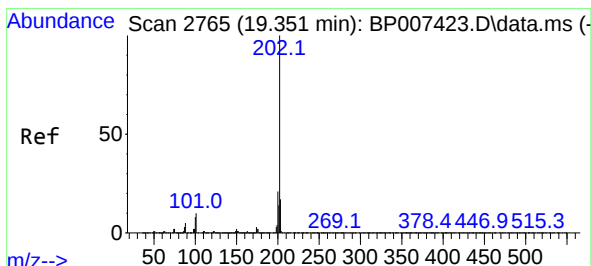
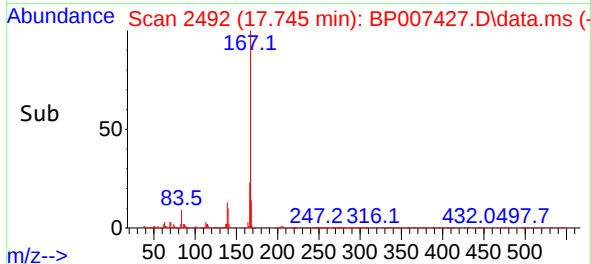
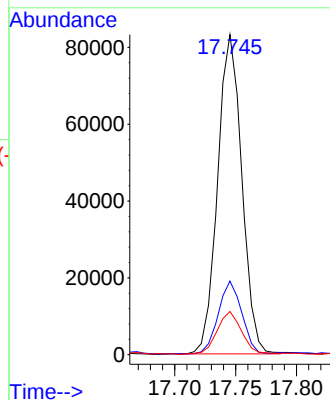
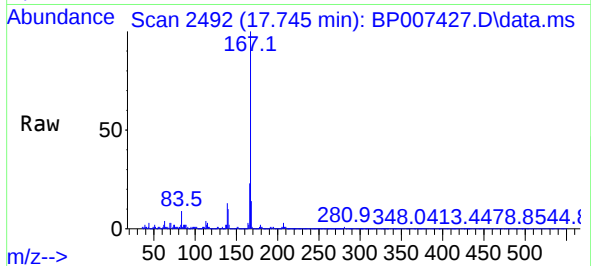
#77
 Carbazole
 Concen: 2.20 ng/ul
 RT: 17.745 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP007427.D
 Acq: 14 Oct 2021 23:25

Tgt Ion:167 Resp: 114879
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.3 25.9
 139 13.5 10.4 15.6

Instrument :
 BNA_P
 ClientSampled :
 C0AA4

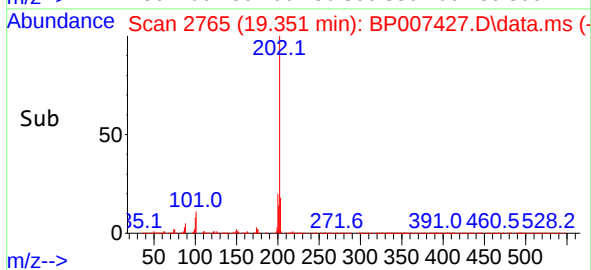
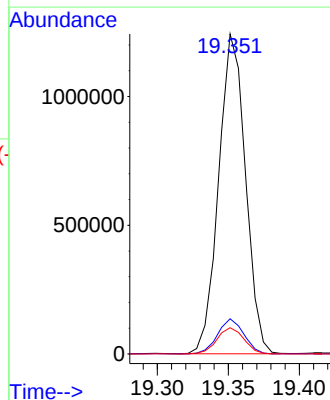
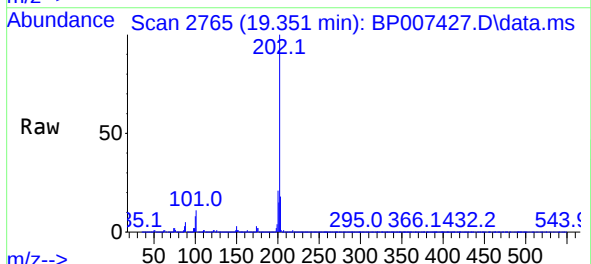
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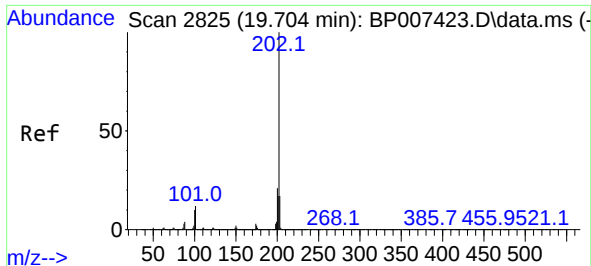
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#80
 Fluoranthene
 Concen: 21.93 ng/ul
 RT: 19.351 min Scan# 2765
 Delta R.T. -0.012 min
 Lab File: BP007427.D
 Acq: 14 Oct 2021 23:25

Tgt Ion:202 Resp: 1628963
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.4 12.6
 100 8.2 6.3 9.5





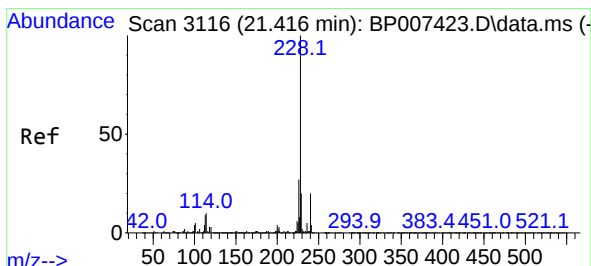
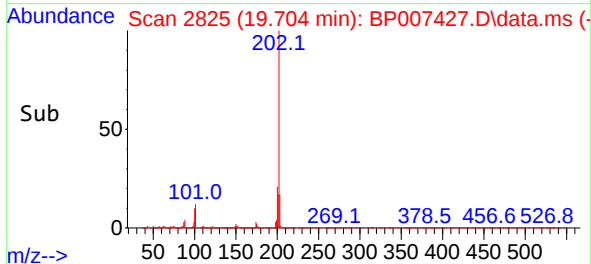
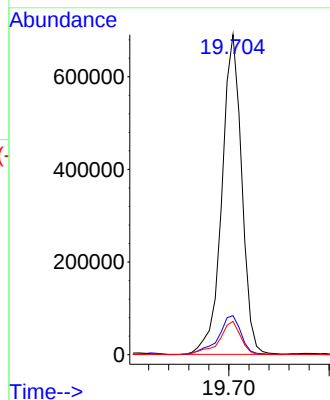
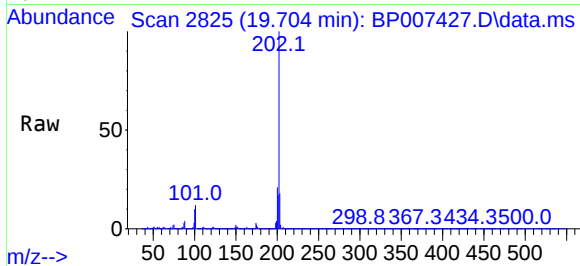
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Pyrene
Concen: 12.65 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

Tgt Ion:202 Resp: 947509
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 10.4 7.9 11.9

Instrument :
BNA_P
ClientSampled :
C0AA4

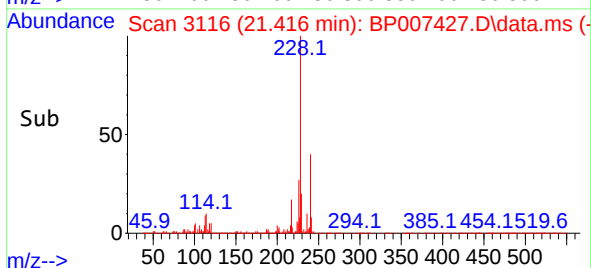
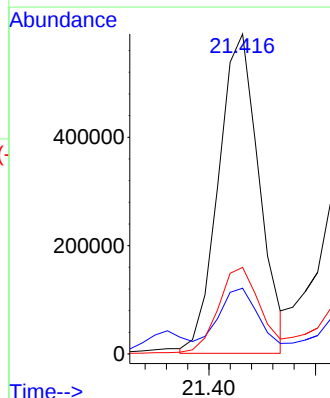
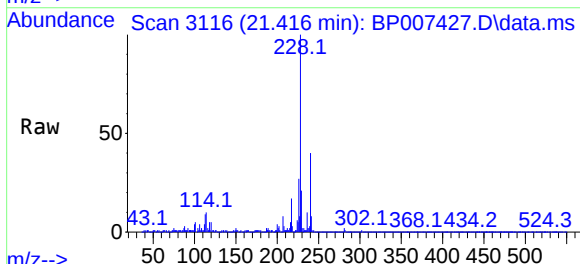
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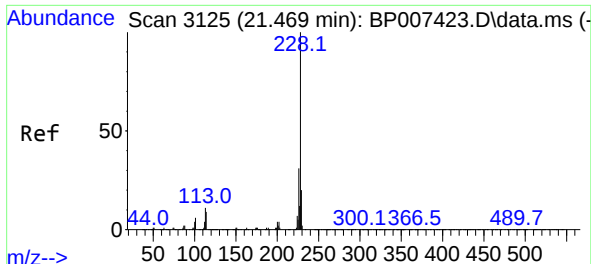
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#85
Benzo(a)anthracene
Concen: 10.64 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

Tgt Ion:228 Resp: 782614
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.1 21.4 32.0





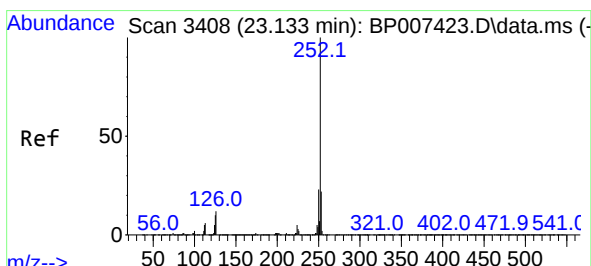
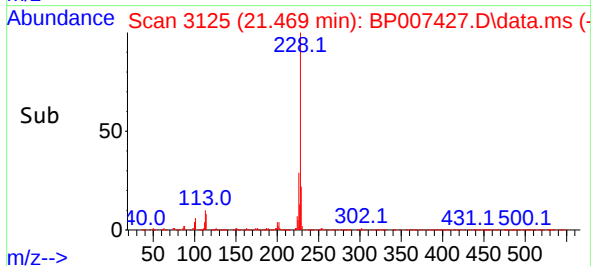
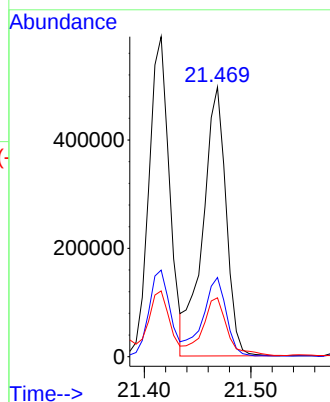
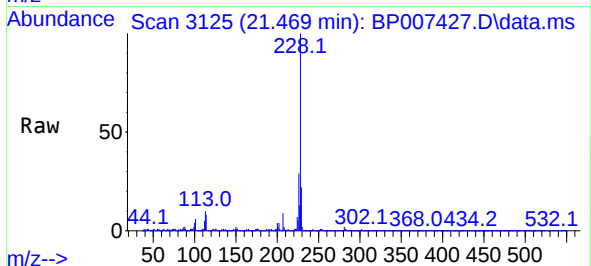
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Chrysene
Concen: 10.55 ng/u1
RT: 21.469 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

Tgt Ion:	228	Resp:	751878
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.7	35.5
229	21.8	16.0	24.0

Instrument :
BNA_P
ClientSampleId :
C0AA4

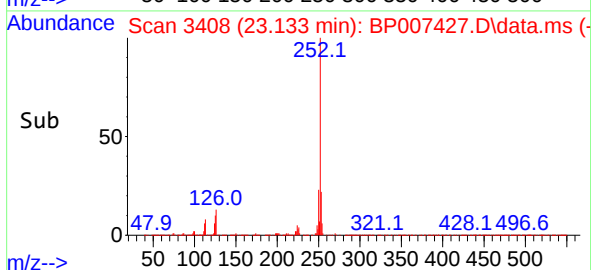
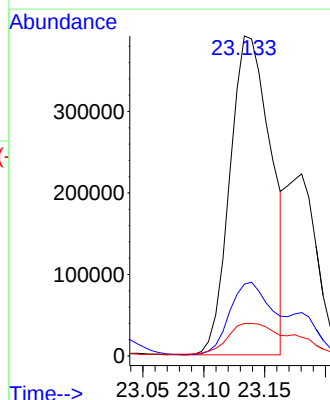
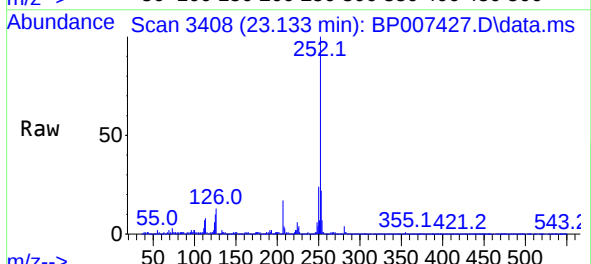
Manual Integrations
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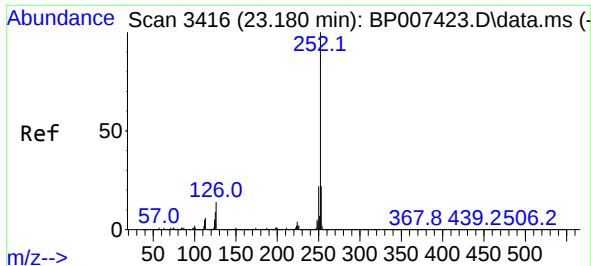
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10/18/2021 10:30:46 AM



#90
Benzo(b)fluoranthene
Concen: 11.64 ng/u1
RT: 23.133 min Scan# 3408
Delta R.T. -0.018 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

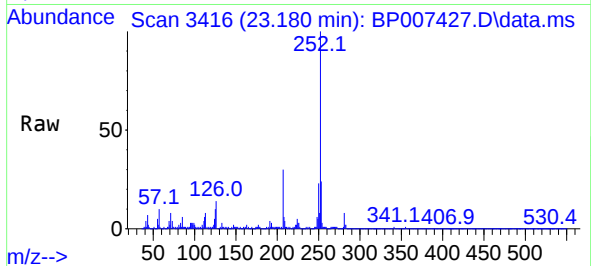
Tgt Ion:	252	Resp:	914729
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	10.2	7.8	11.6





#91
Benzo(k)fluoranthene
Concen: 5.31 ng/ul m
RT: 23.180 min Scan# 3416
Delta R.T. -0.018 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

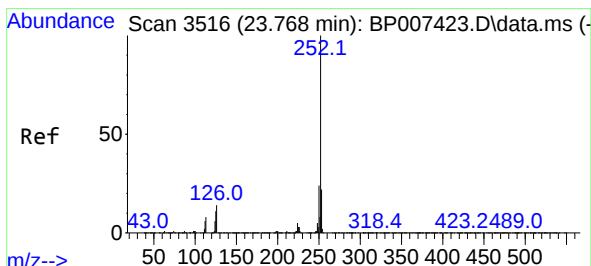
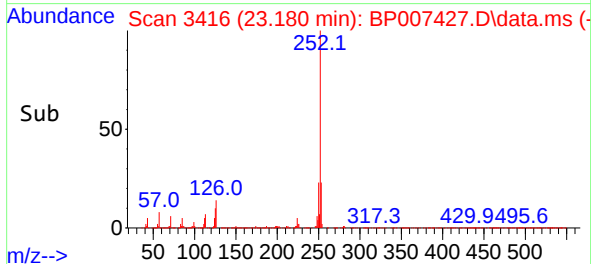
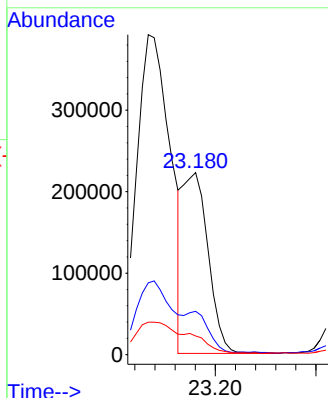
Instrument :
BNA_P
ClientSampleId :
C0AA4



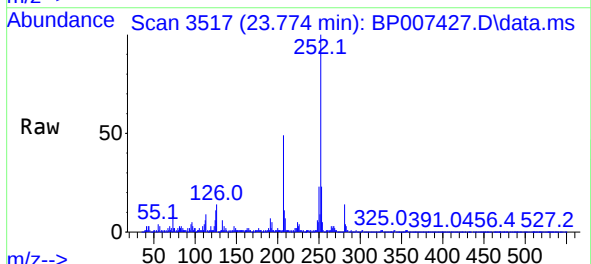
Tgt Ion:252 Resp: 388838
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 10.3 8.0 12.0

Manual Integrations
APPROVED

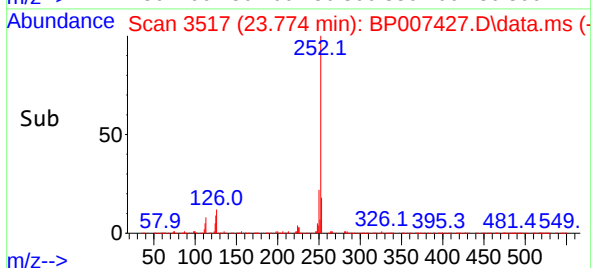
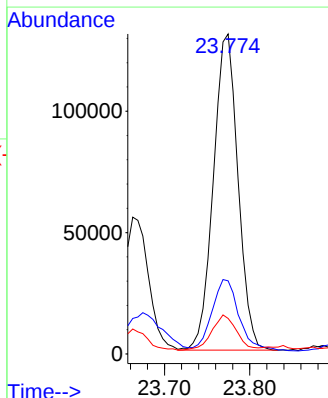
mohammad
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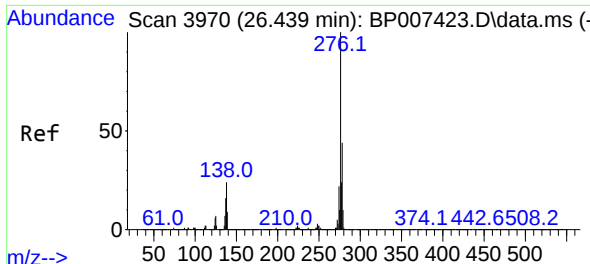


#93
Benzo(a)pyrene
Concen: 3.48 ng/ul
RT: 23.774 min Scan# 3517
Delta R.T. -0.018 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25



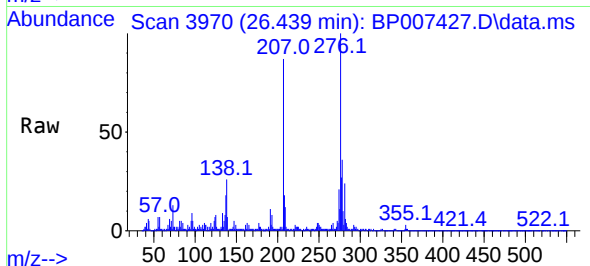
Tgt Ion:252 Resp: 261787
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.1 8.3 12.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.88 ng/ul
RT: 26.439 min Scan# 3970
Delta R.T. -0.035 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25

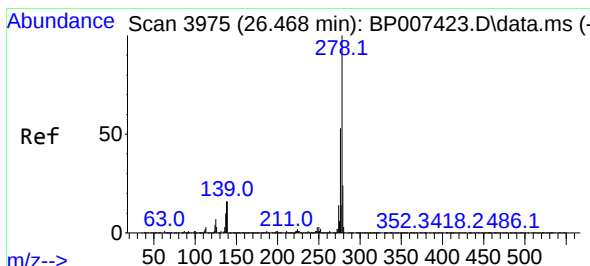
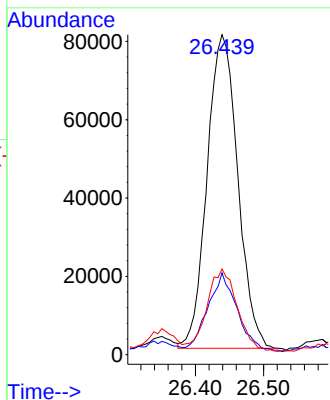
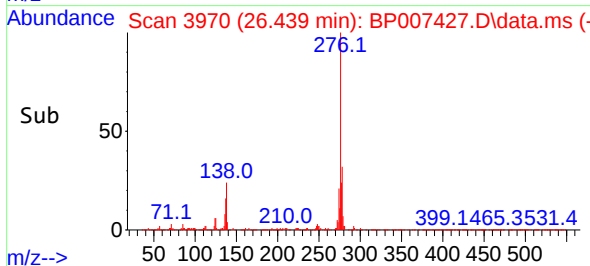
Instrument :
BNA_P
ClientSampleId :
C0AA4



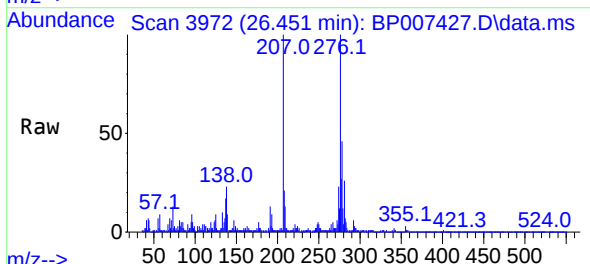
Tgt Ion:276 Resp: 251156
Ion Ratio Lower Upper
276 100
138 25.5 17.8 26.8
277 26.8 19.8 29.6

Manual Integrations
APPROVED

mohammad
10/18/2021 10:30:46 AM



#95
Dibenzo(a,h)anthracene
Concen: 1.56 ng/ul
RT: 26.451 min Scan# 3972
Delta R.T. -0.041 min
Lab File: BP007427.D
Acq: 14 Oct 2021 23:25



Tgt Ion:278 Resp: 116039
Ion Ratio Lower Upper
278 100
139 19.6 12.8 19.2#
279 26.8 19.1 28.7

