

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:06:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	130081	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	599557	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	416044	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	897981	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	879543m	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	792432	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	7659m	2.628	ng/uL	0.00
4) Pyridine-d5	3.793	84	34328	4.272	ng/u1	0.00
7) Phenol-d5	7.099	99	179863	15.749	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	117773	17.322	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	145741	16.918	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	157420	16.512	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	75330	17.423	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	83841	17.687	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	169260	17.064	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	104745	7.414	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	596000	18.237	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	680600	17.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	79862m	13.475	ng/u1	0.00
60) Fluorene-d10	15.563	176	551606	20.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	66183	12.441	ng/u1	-0.01
73) Anthracene-d10	17.428	188	869928	20.233	ng/u1	0.00
81) Pyrene-d10	19.651	212	1055110	21.965	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	838206	20.312	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.763	105	27901m	1.858	ng/u1	
72) Phenanthrene	17.369	178	575415	12.005	ng/u1	99
74) Anthracene	17.457	178	85240	1.754	ng/u1	99
77) Carbazole	17.728	167	72866	1.659	ng/u1#	96
80) Fluoranthene	19.333	202	1974113m	35.704	ng/u1	
82) Pyrene	19.680	202	1714456	30.583	ng/u1#	94
85) Benzo(a)anthracene	21.392	228	916354	16.434	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.316	149	107704	3.114	ng/u1#	80
87) Chrysene	21.445	228	1394000	25.912	ng/u1	97
90) Benzo(b)fluoranthene	23.121	252	2208730	41.952	ng/u1	98
91) Benzo(k)fluoranthene	23.163	252	610330m	12.704	ng/u1	
93) Benzo(a)pyrene	23.757	252	1192517	24.435	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.427	276	1100127	21.557	ng/u1	97
95) Dibenzo(a,h)anthracene	26.439	278	243046	5.492	ng/u1#	89
96) Benzo(g,h,i)perylene	27.221	276	983346	23.369	ng/u1#	92

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

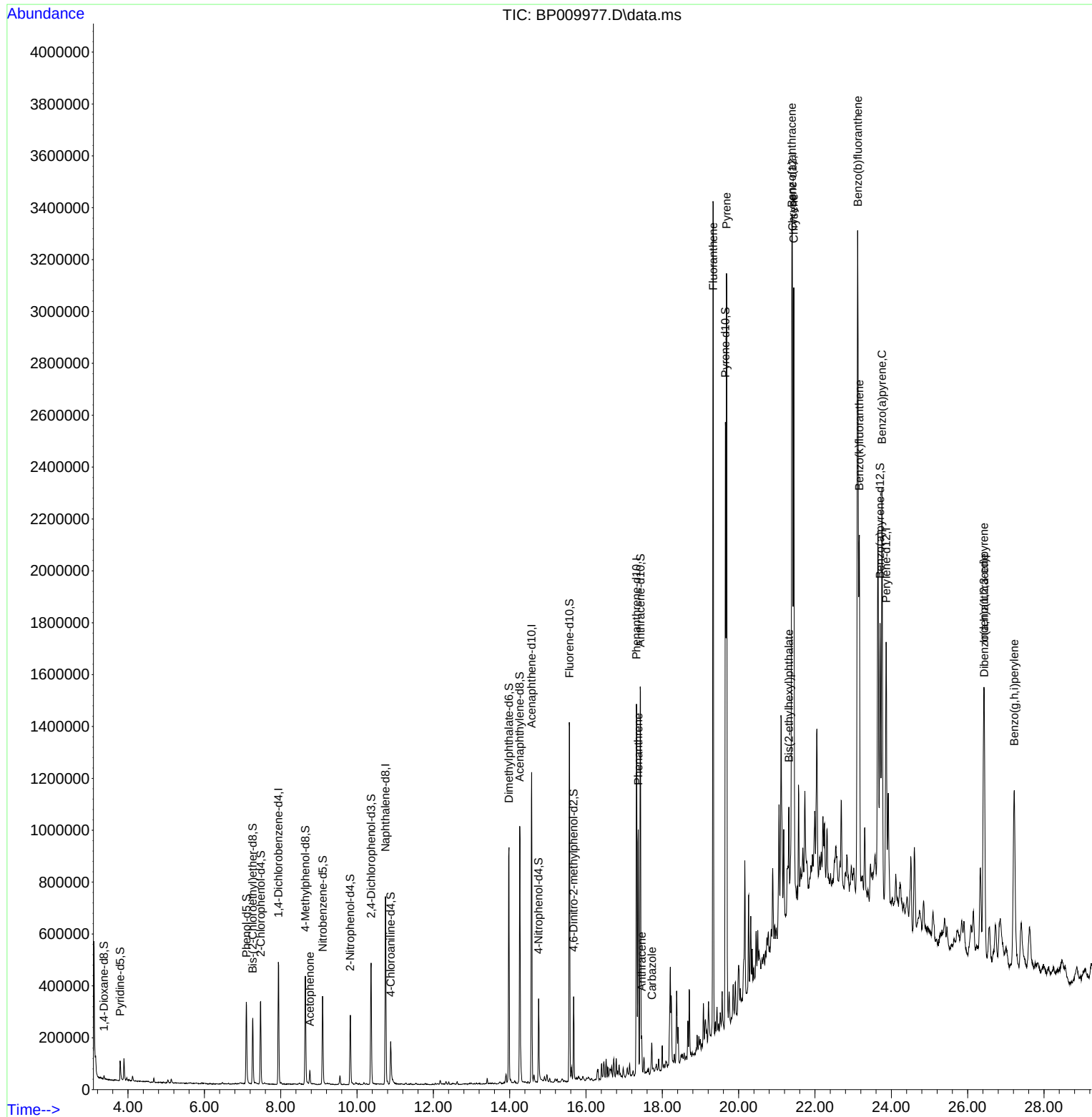
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Data File : BP009977.D
Acq On : 20 Apr 2022 15:36
Operator : CG/JU
Sample : N2374-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

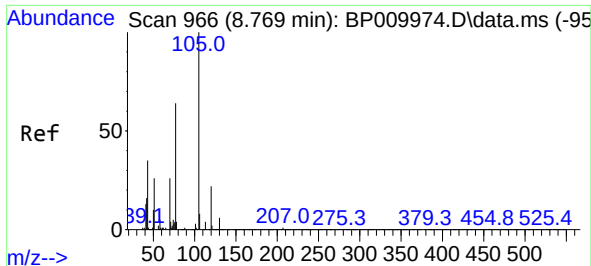
Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:06:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration





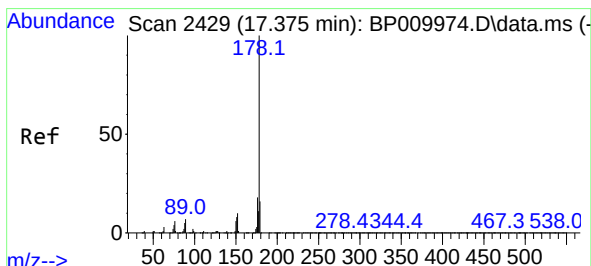
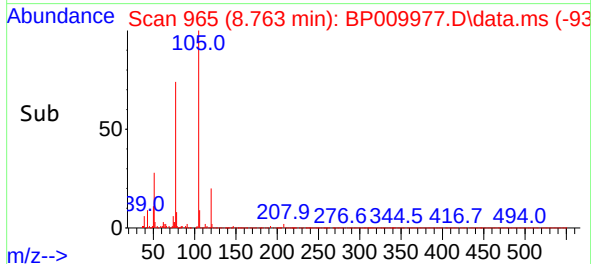
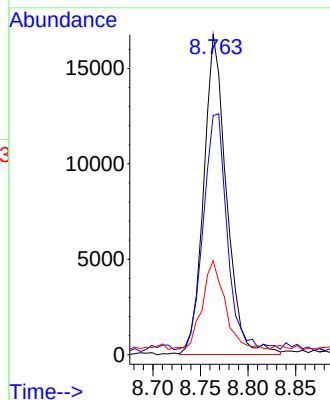
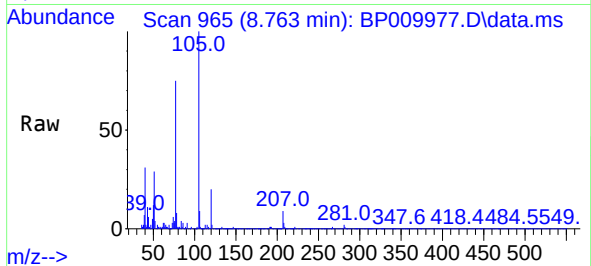
#16
Acetophenone
Concen: 1.858 ng/ul m
RT: 8.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Instrument :
BNA_P
ClientSampleId :
BFFE3

Tgt Ion:105 Resp: 2790
Ion Ratio Lower Upper
105 100
77 74.7 53.4 80.2
51 29.3 13.8 20.8

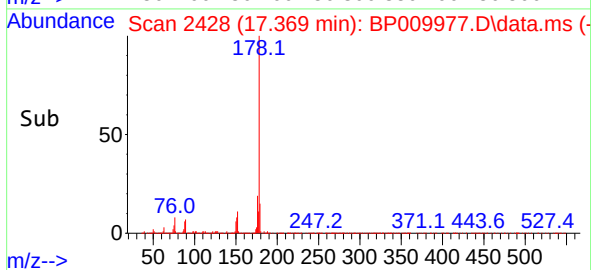
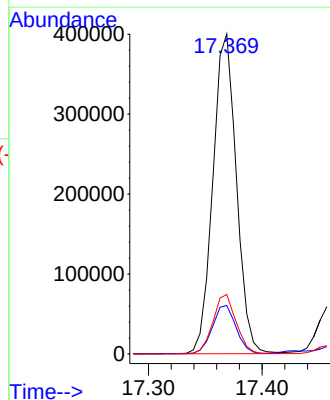
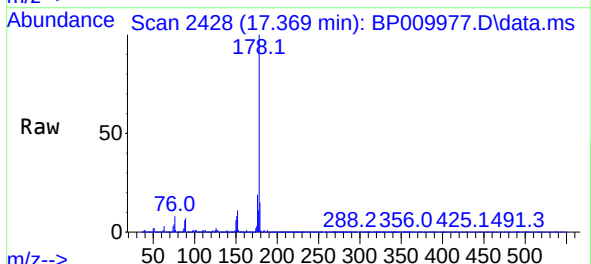
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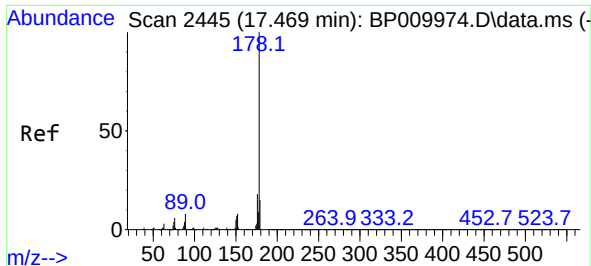
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#72
Phenanthrene
Concen: 12.005 ng/ul
RT: 17.369 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Tgt Ion:178 Resp: 575415
Ion Ratio Lower Upper
178 100
179 15.1 11.7 17.5
176 18.6 14.5 21.7





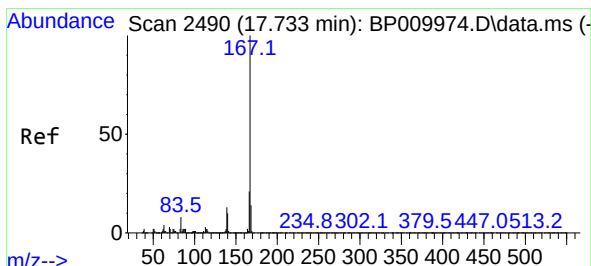
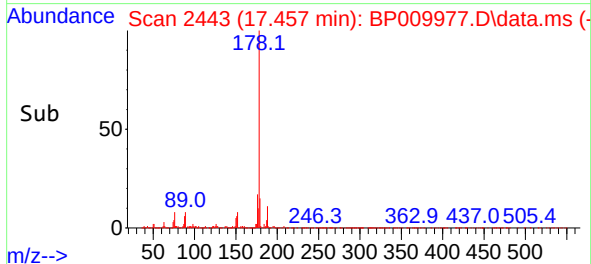
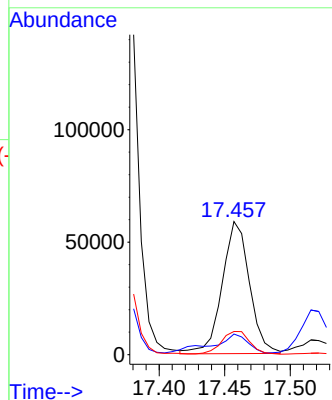
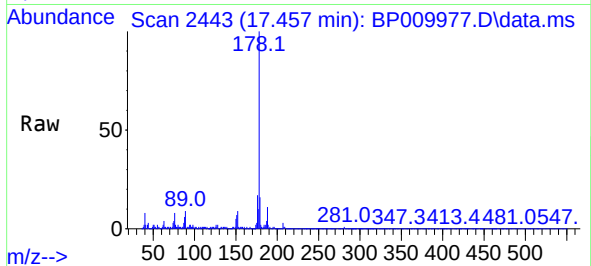
#74
 Anthracene
 Concen: 1.754 ng/ul
 RT: 17.457 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BP009977.D
 Acq: 20 Apr 2022 15:36

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Tgt Ion:178 Resp: 85240
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 17.5 13.4 20.2

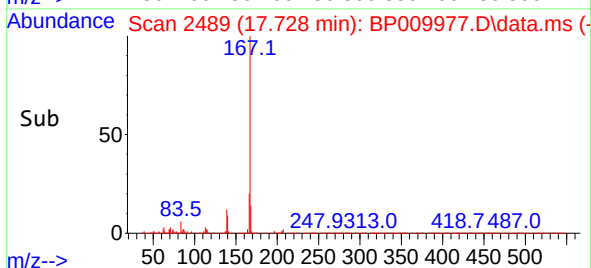
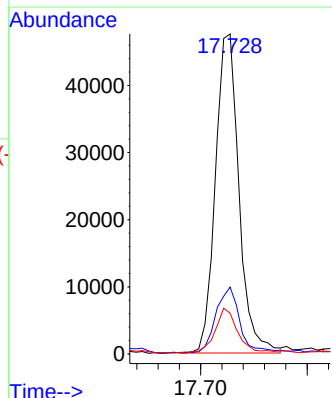
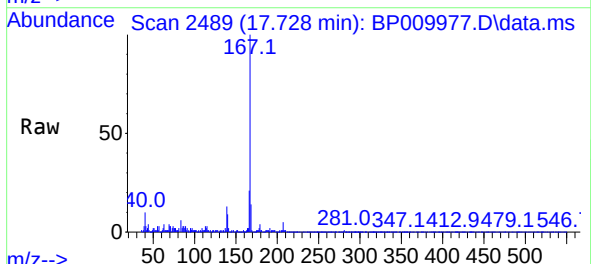
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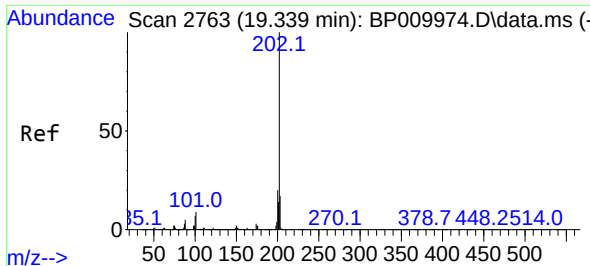
Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022



#77
 Carbazole
 Concen: 1.659 ng/ul
 RT: 17.728 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BP009977.D
 Acq: 20 Apr 2022 15:36

Tgt Ion:167 Resp: 72866
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.8 23.8
 139 12.8 8.3 12.5





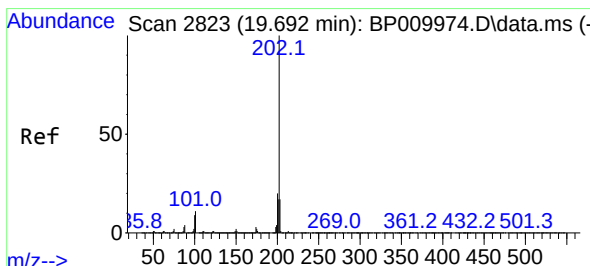
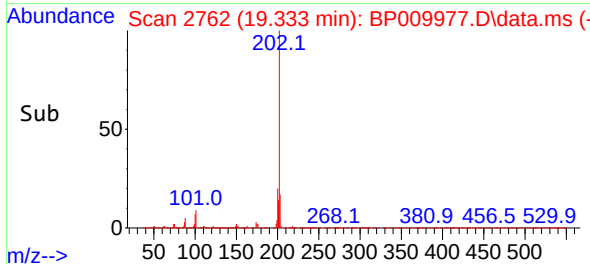
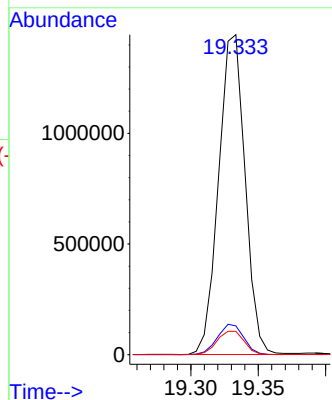
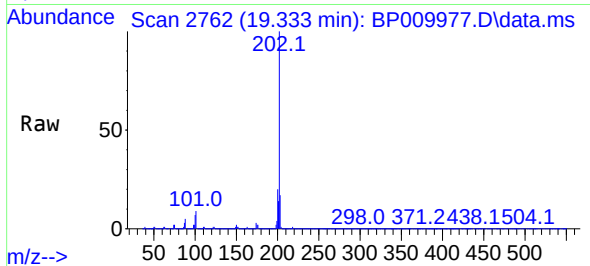
#80
Fluoranthene
Concen: 35.704 ng/ul m
RT: 19.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Instrument :
BNA_P
ClientSampleId :
BFFE3

Tgt Ion:202 Resp: 1974111
Ion Ratio Lower Upper
202 100
101 9.0 9.6 14.4
100 7.3 6.3 9.5

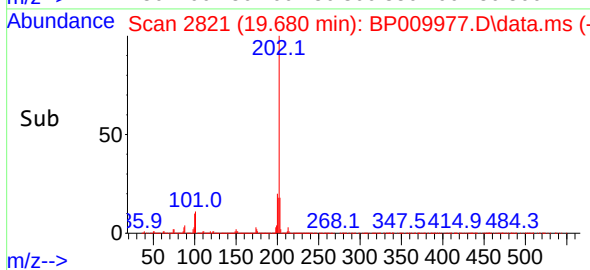
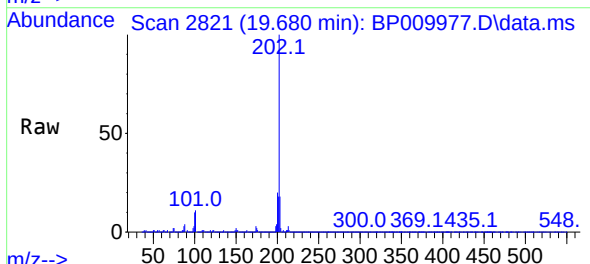
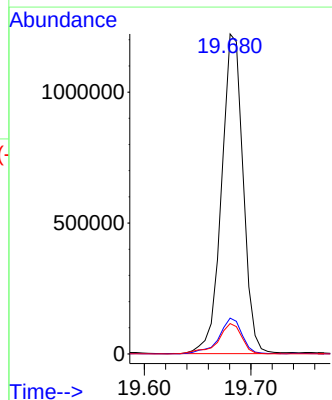
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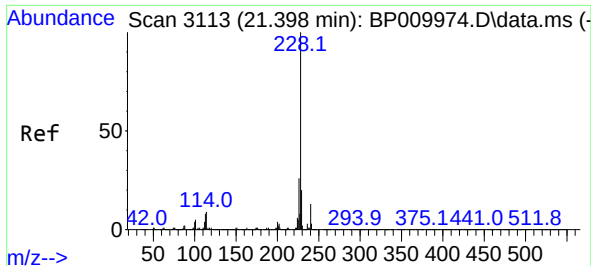
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#82
Pyrene
Concen: 30.583 ng/ul
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

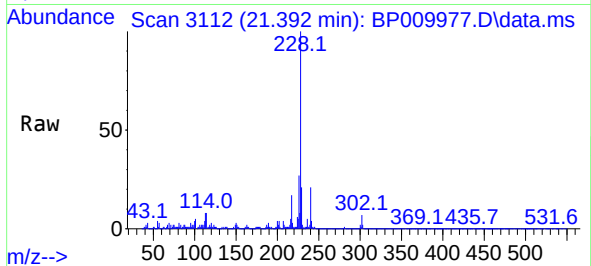
Tgt Ion:202 Resp: 1714456
Ion Ratio Lower Upper
202 100
101 11.2 10.6 15.8
100 9.5 9.8 14.6





#85
Benzo(a)anthracene
Concen: 16.434 ng/ul
RT: 21.392 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

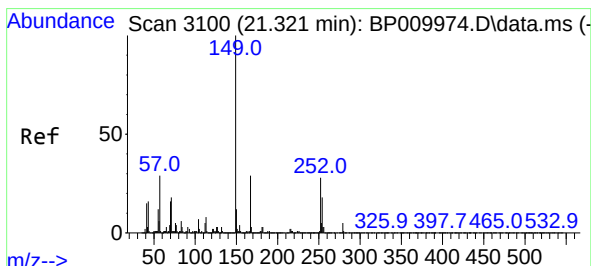
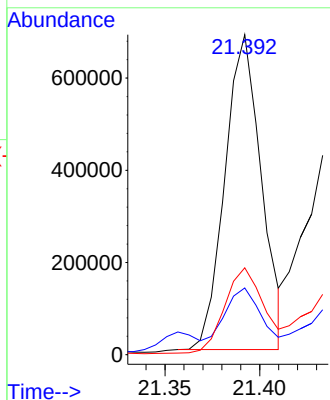
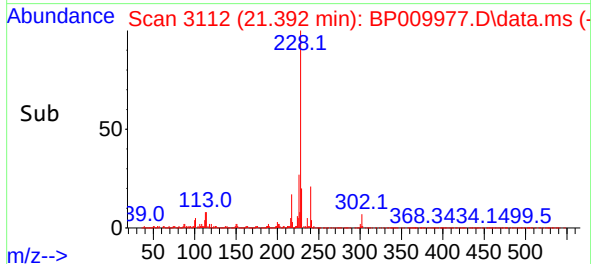
Instrument :
BNA_P
ClientSampleId :
BFFE3



Tgt Ion:228 Resp: 916354
Ion Ratio Lower Upper
228 100
229 20.9 18.2 27.2
226 27.1 22.8 34.2

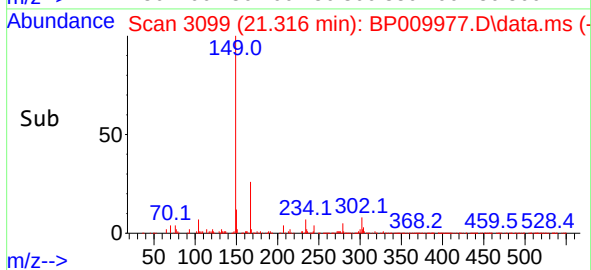
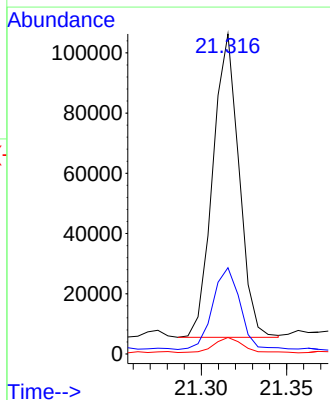
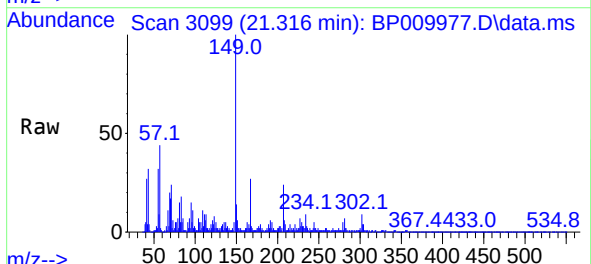
Manual Integrations
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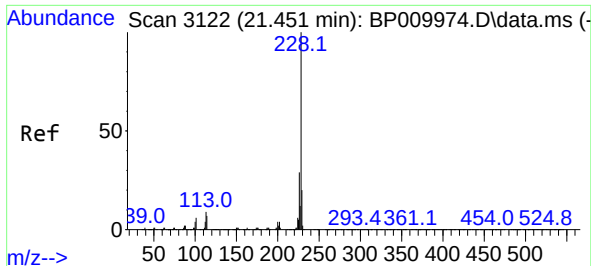
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.114 ng/ul
RT: 21.316 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

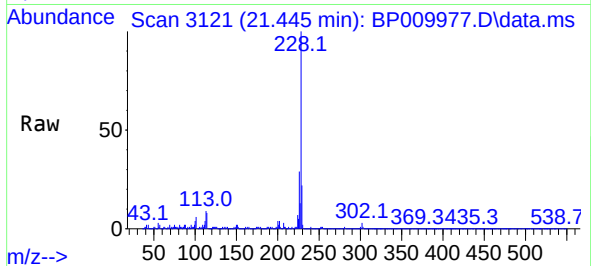
Tgt Ion:149 Resp: 107704
Ion Ratio Lower Upper
149 100
167 26.9 32.8 49.2#
279 5.2 5.6 8.4#





#87
Chrysene
Concen: 25.912 ng/u1
RT: 21.445 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

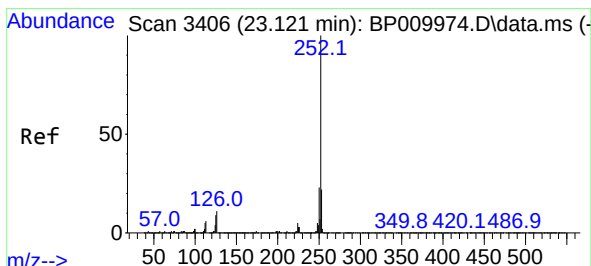
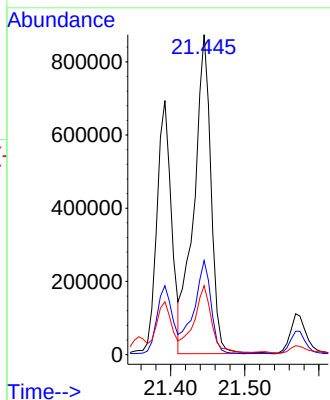
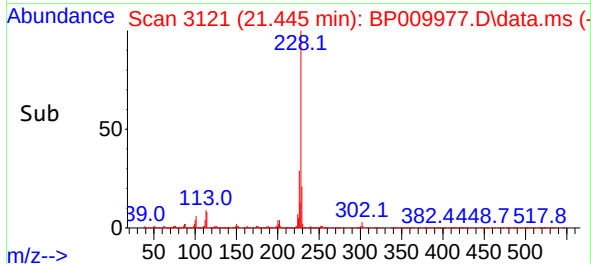
Instrument :
BNA_P
ClientSampleId :
BFFE3



Tgt Ion:228 Resp: 1394000
Ion Ratio Lower Upper
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226 29.4 22.7 34.1
229 21.5 15.2 22.8

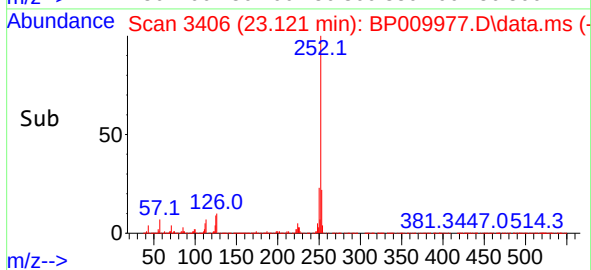
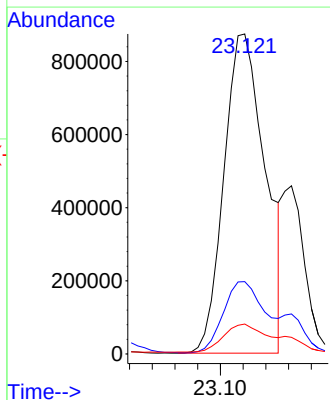
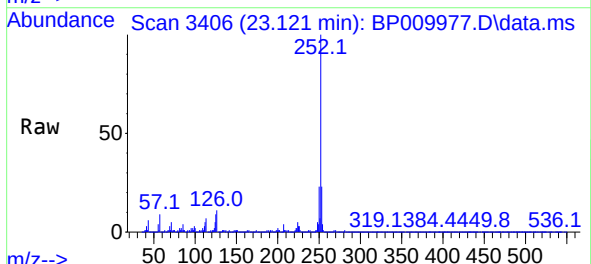
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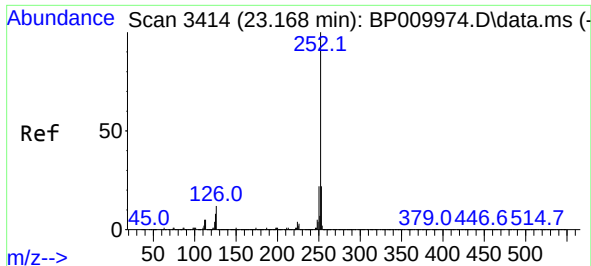
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#90
Benzo(b)fluoranthene
Concen: 41.952 ng/u1
RT: 23.121 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Tgt Ion:252 Resp: 2208730
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.3 7.3 10.9





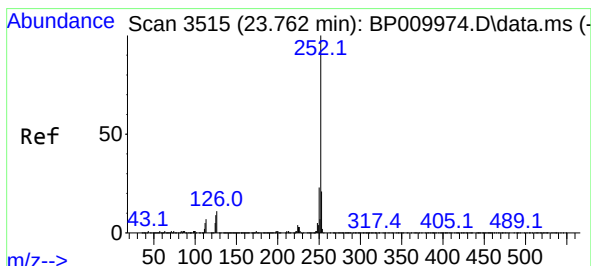
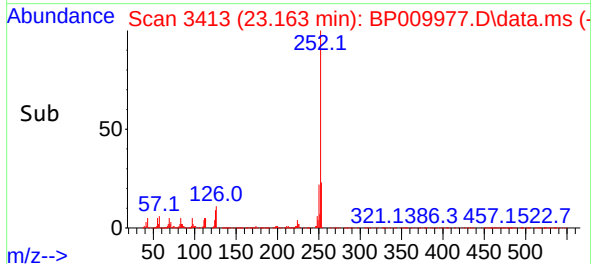
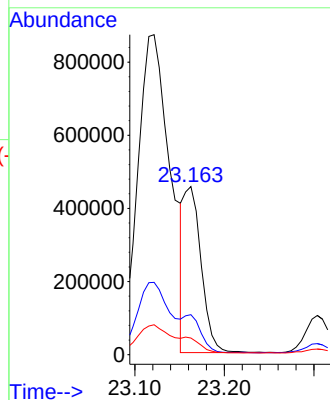
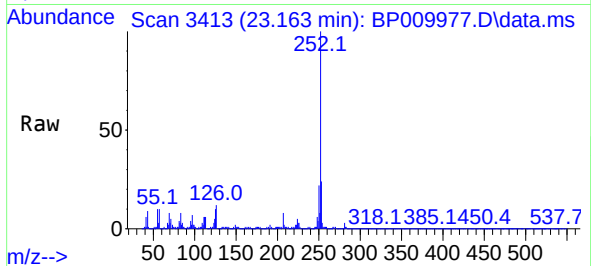
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Benzo(k)fluoranthene
Concen: 12.704 ng/ul m
RT: 23.163 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Instrument :
BNA_P
ClientSampleId :
BFFE3

Tgt Ion:252 Resp: 610330
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 9.9 5.1 7.7

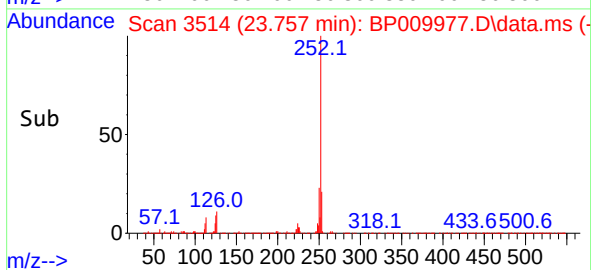
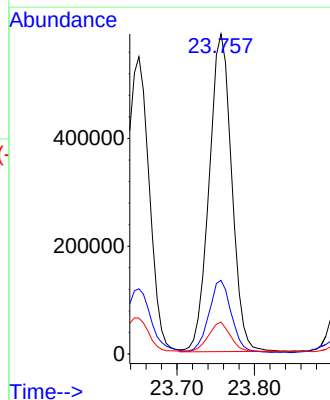
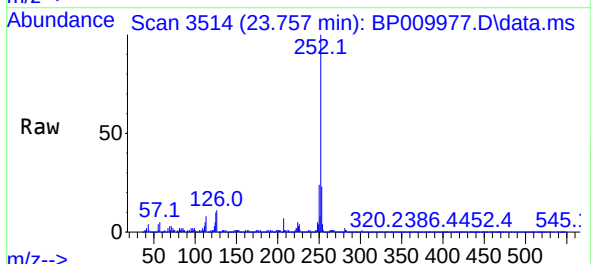
Manual Integrations
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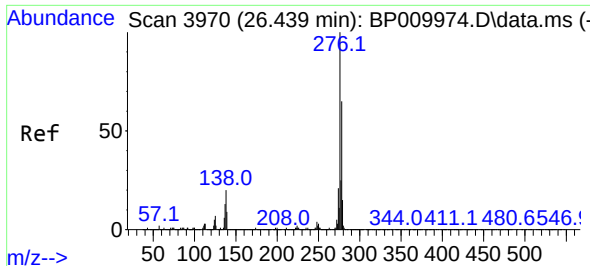
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#93
Benzo(a)pyrene
Concen: 24.435 ng/ul
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Tgt Ion:252 Resp: 1192517
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.9 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 21.557 ng/ul
RT: 26.427 min Scan# 3968
Delta R.T. -0.012 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

Instrument :

BNA_P

ClientSampleId :

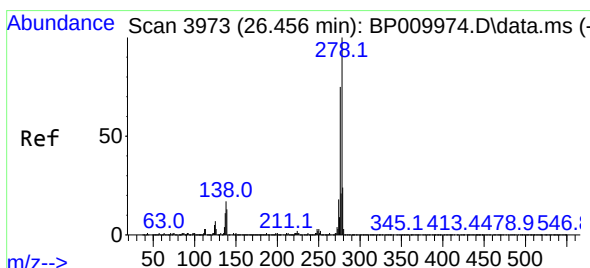
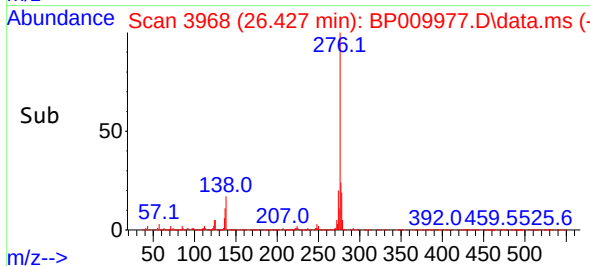
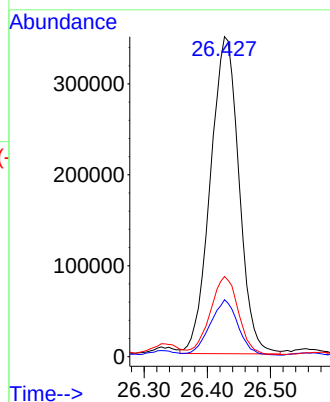
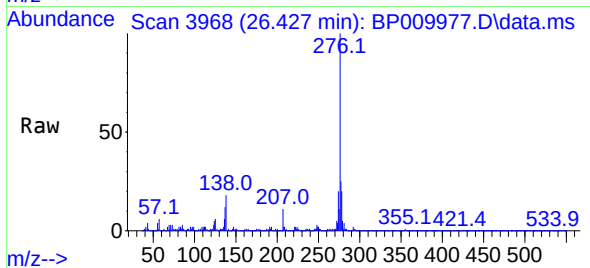
BFFE3

Tgt Ion:276 Resp: 110012
Ion Ratio Lower Upper
276 100
138 17.8 12.3 18.5
277 25.0 19.3 28.9

Manual Integrations

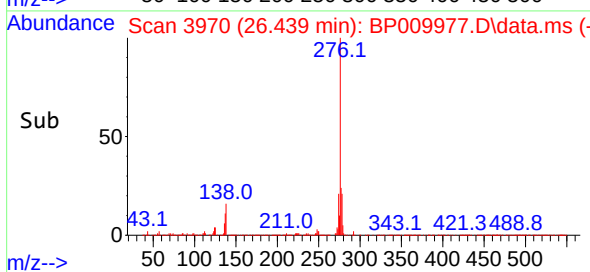
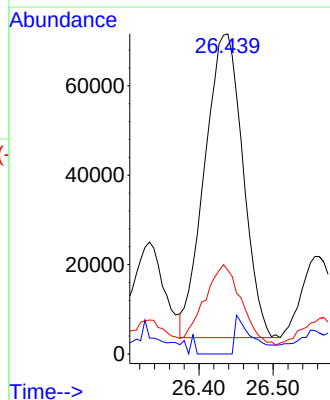
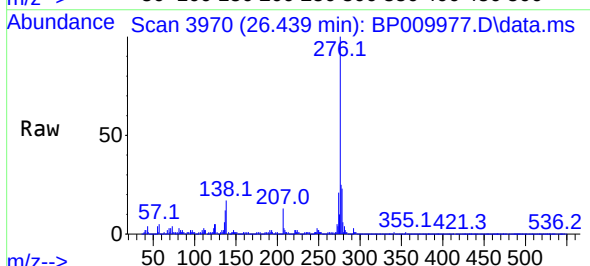
APPROVED

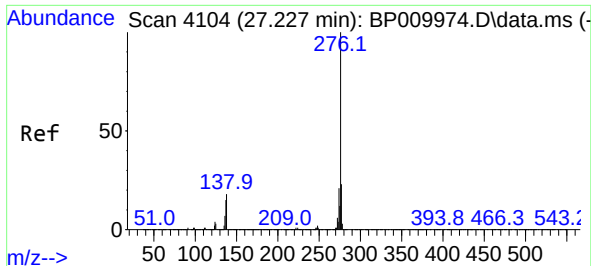
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



#95
Dibenzo(a,h)anthracene
Concen: 5.492 ng/ul
RT: 26.439 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BP009977.D
Acq: 20 Apr 2022 15:36

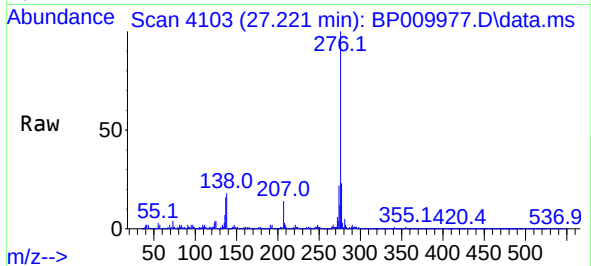
Tgt Ion:278 Resp: 243046
Ion Ratio Lower Upper
278 100
139 0.0 6.6 10.0#
279 26.2 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 23.369 ng/ul
 RT: 27.221 min Scan# 4103
 Delta R.T. -0.000 min
 Lab File: BP009977.D
 Acq: 20 Apr 2022 15:36

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3



Tgt Ion:276 Resp: 983340
 Ion Ratio Lower Upper
 276 100
 138 17.7 11.6 17.4
 277 23.4 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

