

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021046.D
 Acq On : 18 Jul 2024 14:44
 Operator : MA/JU
 Sample : P3201-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BZ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 18 15:24:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	142086	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	569651	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	379869	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	830448	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	815873	20.000	ng/u1	-0.01
88) Perylene-d12	24.886	264	988884	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13612	4.360	ng/uL	0.00
4) Pyridine-d5	3.652	84	191174	21.149	ng/u1	0.00
7) Phenol-d5	6.905	99	308629	26.643	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	178792	25.469	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	254789	26.696	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	259451	26.967	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	121731	27.513	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	142058	28.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	245640	26.825	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.593	131	308673	25.445	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	783849	28.385	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	888190	28.645	ng/u1	0.01
54) 4-Nitrophenol-d4	14.598	143	113824m	28.971	ng/u1	0.00
60) Fluorene-d10	15.328	176	676764	29.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	104762	20.850	ng/u1	0.00
73) Anthracene-d10	17.228	188	1094610	29.677	ng/u1	0.00
81) Pyrene-d10	19.610	212	1363641	27.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	1409946	28.909	ng/u1	-0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.163	178	59248	1.375	ng/u1	98
80) Fluoranthene	19.263	202	117650	1.931	ng/u1	98
82) Pyrene	19.639	202	112451	1.814	ng/u1	98
85) Benzo(a)anthracene	21.551	228	57441	1.005	ng/u1#	93
87) Chrysene	21.616	228	54141	1.019	ng/u1#	90
90) Benzo(b)fluoranthene	23.833	252	80236	1.337	ng/u1#	85

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

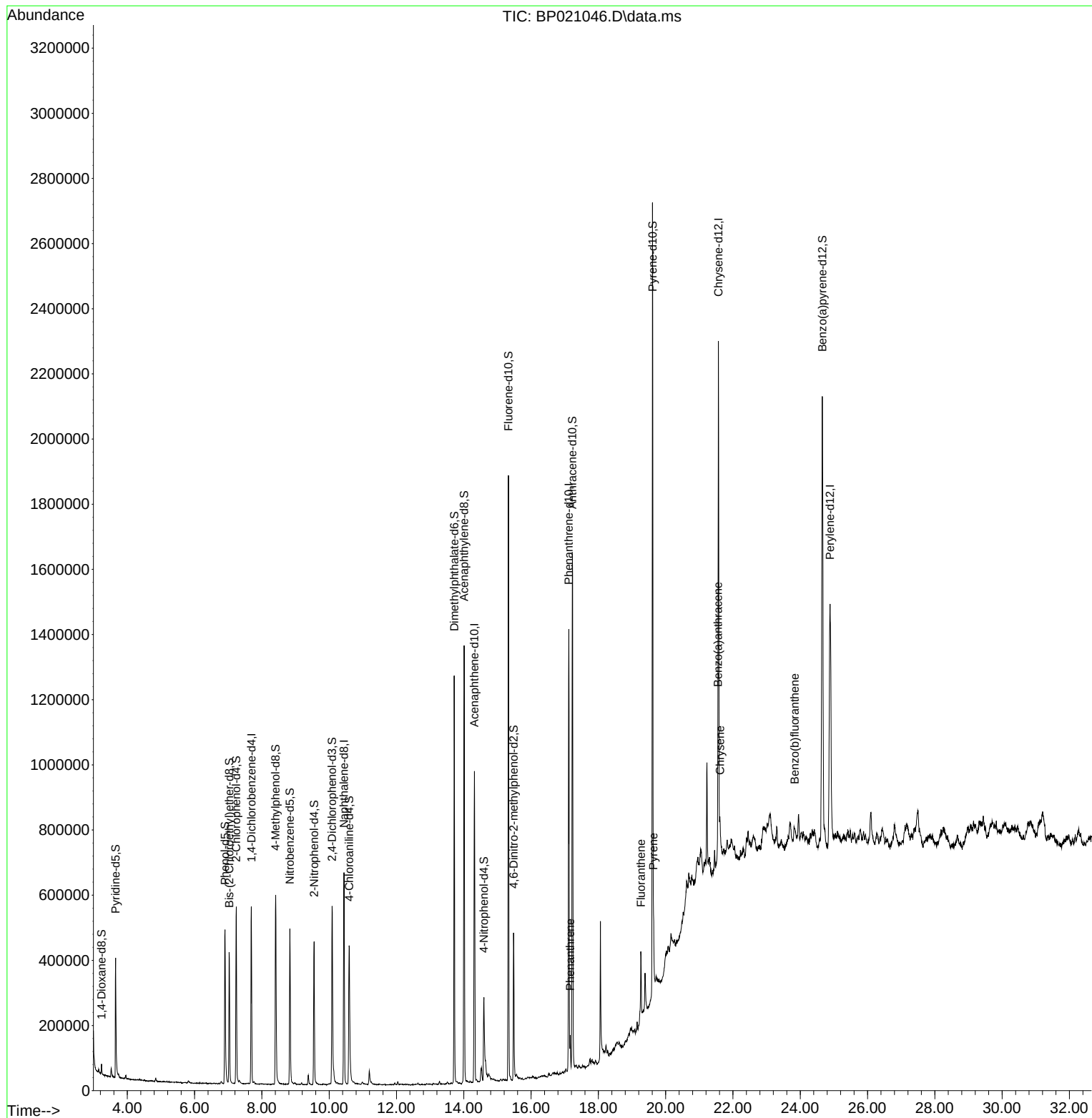
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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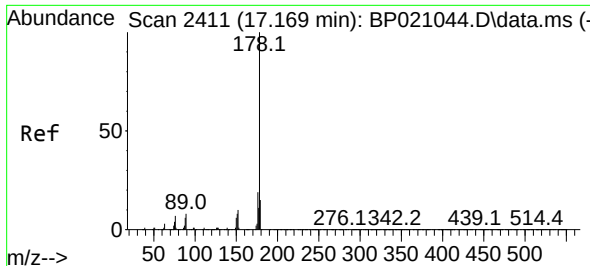
Instrument :
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Quant Title : SVOA CALIBRATION
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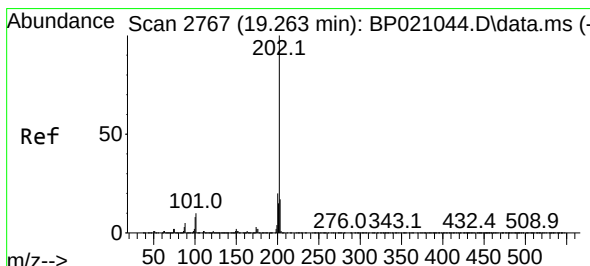
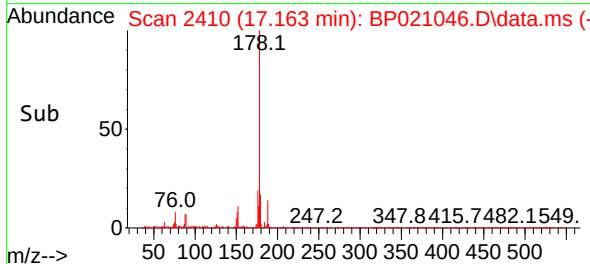
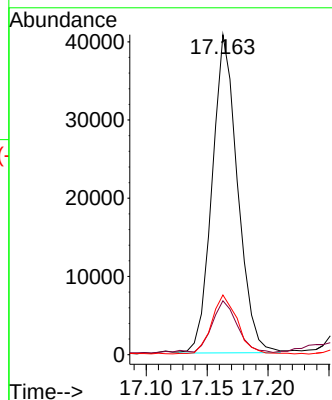
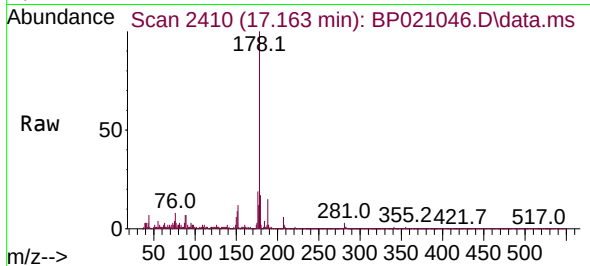
#72
Phenanthrene
Concen: 1.375 ng/ul
RT: 17.163 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP021046.D
Acq: 18 Jul 2024 14:44

Instrument :
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ClientSampleId :
A4BZ2

Tgt Ion:178 Resp: 59248
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.4
176 18.6 15.0 22.4

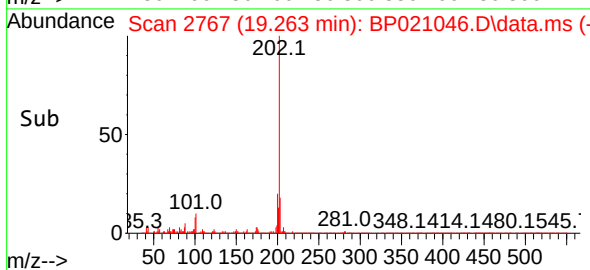
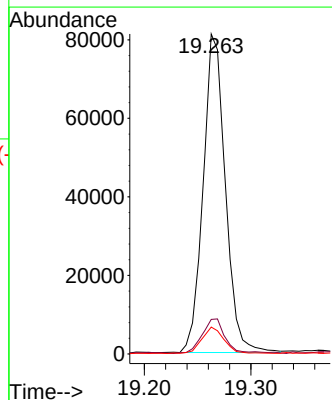
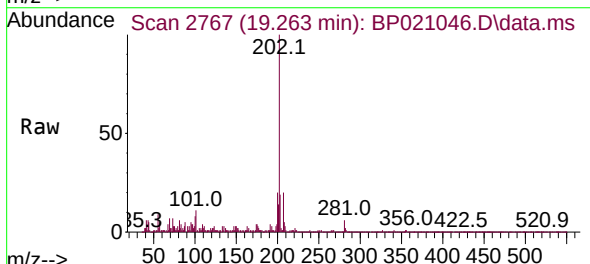
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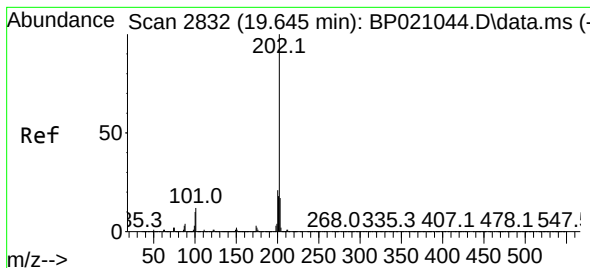
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#80
Fluoranthene
Concen: 1.931 ng/ul
RT: 19.263 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP021046.D
Acq: 18 Jul 2024 14:44

Tgt Ion:202 Resp: 117650
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 8.4 6.1 9.1





#82

Pyrene

Concen: 1.814 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021046.D

Acq: 18 Jul 2024 14:44

Instrument :

BNA_P

ClientSampleId :

A4BZ2

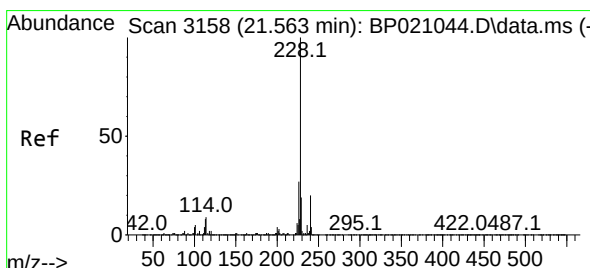
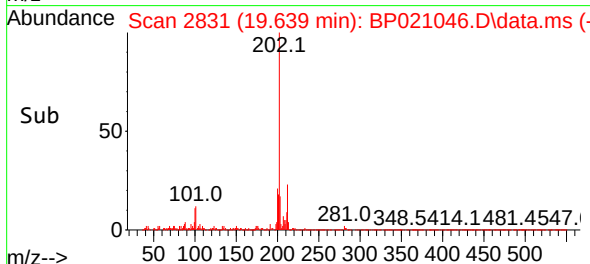
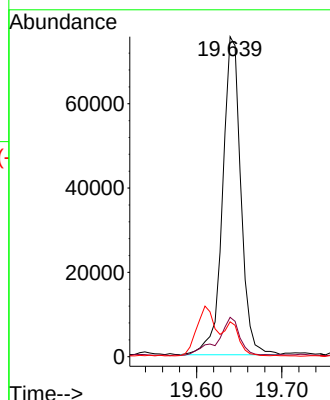
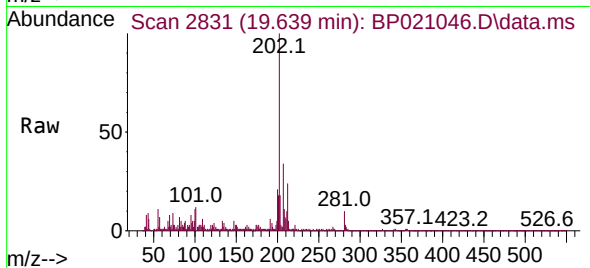
Tgt Ion:	202	Resp:	11245
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.4	14.2
100	10.9	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.005 ng/ul

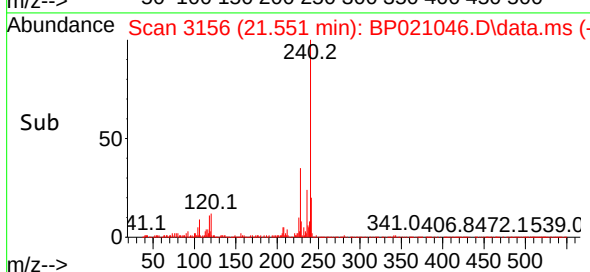
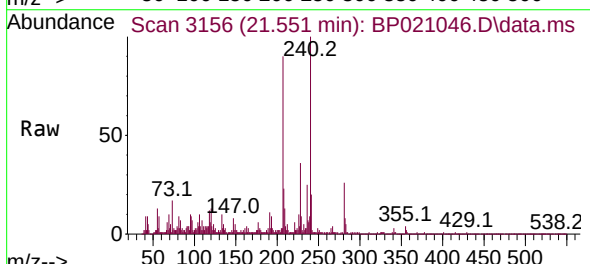
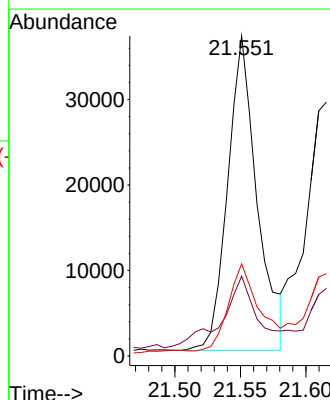
RT: 21.551 min Scan# 3156

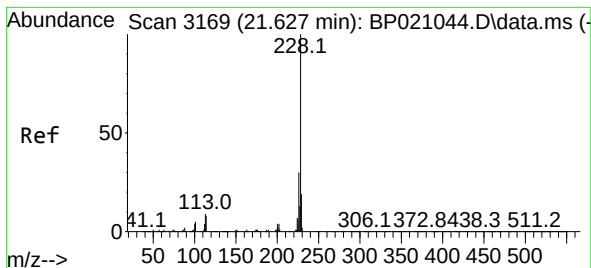
Delta R.T. -0.012 min

Lab File: BP021046.D

Acq: 18 Jul 2024 14:44

Tgt Ion:	228	Resp:	57441
Ion Ratio	Lower	Upper	
228	100		
229	25.0	15.5	23.3
226	28.8	21.4	32.2





#87

Chrysene

Concen: 1.019 ng/ul

RT: 21.616 min Scan# 3169

Delta R.T. -0.012 min

Lab File: BP021046.D

Acq: 18 Jul 2024 14:44

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A4BZ2

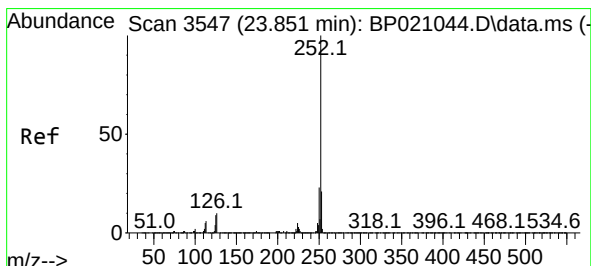
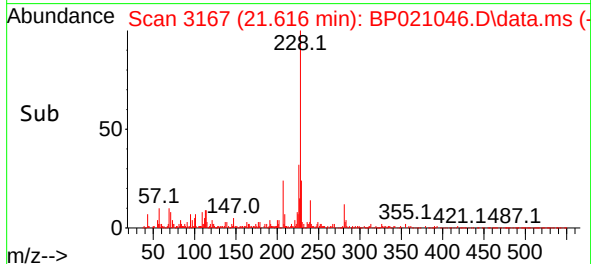
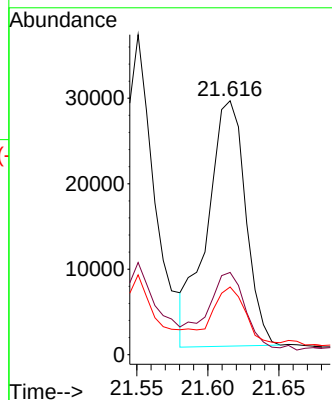
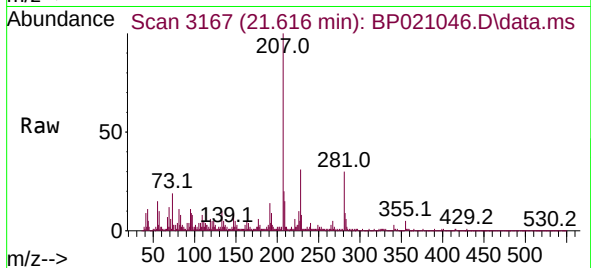
Tgt Ion:	228	Resp:	5414
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.6	35.4
229	26.6	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 1.337 ng/ul

RT: 23.833 min Scan# 3544

Delta R.T. -0.018 min

Lab File: BP021046.D

Acq: 18 Jul 2024 14:44

Tgt Ion:	252	Resp:	80236
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.1	25.7#
125	18.0	7.0	10.4#

