

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071524\  
 Data File : BP021007.D  
 Acq On : 17 Jul 2024 03:25  
 Operator : MA/JU  
 Sample : P3178-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 A4BT1

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 04:28:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	238911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	927500	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.304	164	544796	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.116	188	1121968	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1182872	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	1397656	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	16370	3.118	ng/uL	0.00
4) Pyridine-d5	3.675	84	26497	1.743	ng/ul	0.02
7) Phenol-d5	6.893	99	385691	19.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	236295	20.018	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	325982	20.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	322692	19.947	ng/ul	0.02
21) Nitrobenzene-d5	8.852	128	155707	21.614	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	175490	21.283	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	308320	20.679	ng/ul	0.01
31) 4-Chloroaniline-d4	10.610	131	219422	11.109	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	920578	23.245	ng/ul	0.01
49) Acenaphthylene-d8	13.998	160	1049623	23.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	121165m	21.503	ng/ul	0.01
60) Fluorene-d10	15.316	176	782380	24.080	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	109132	16.076	ng/ul	0.01
73) Anthracene-d10	17.216	188	1201927	24.119	ng/ul	0.00
81) Pyrene-d10	19.604	212	1194544	16.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	861339	12.495	ng/ul	0.02
Target Compounds						
72) Phenanthrene	17.157	178	91874	1.579	ng/ul	98
80) Fluoranthene	19.257	202	242184	2.742	ng/ul	99
82) Pyrene	19.639	202	151151	1.682	ng/ul	99
85) Benzo(a)anthracene	21.533	228	116599	1.407	ng/ul	97
87) Chrysene	21.610	228	139652	1.814	ng/ul	98
90) Benzo(b)fluoranthene	23.816	252	207434	2.446	ng/ul#	90

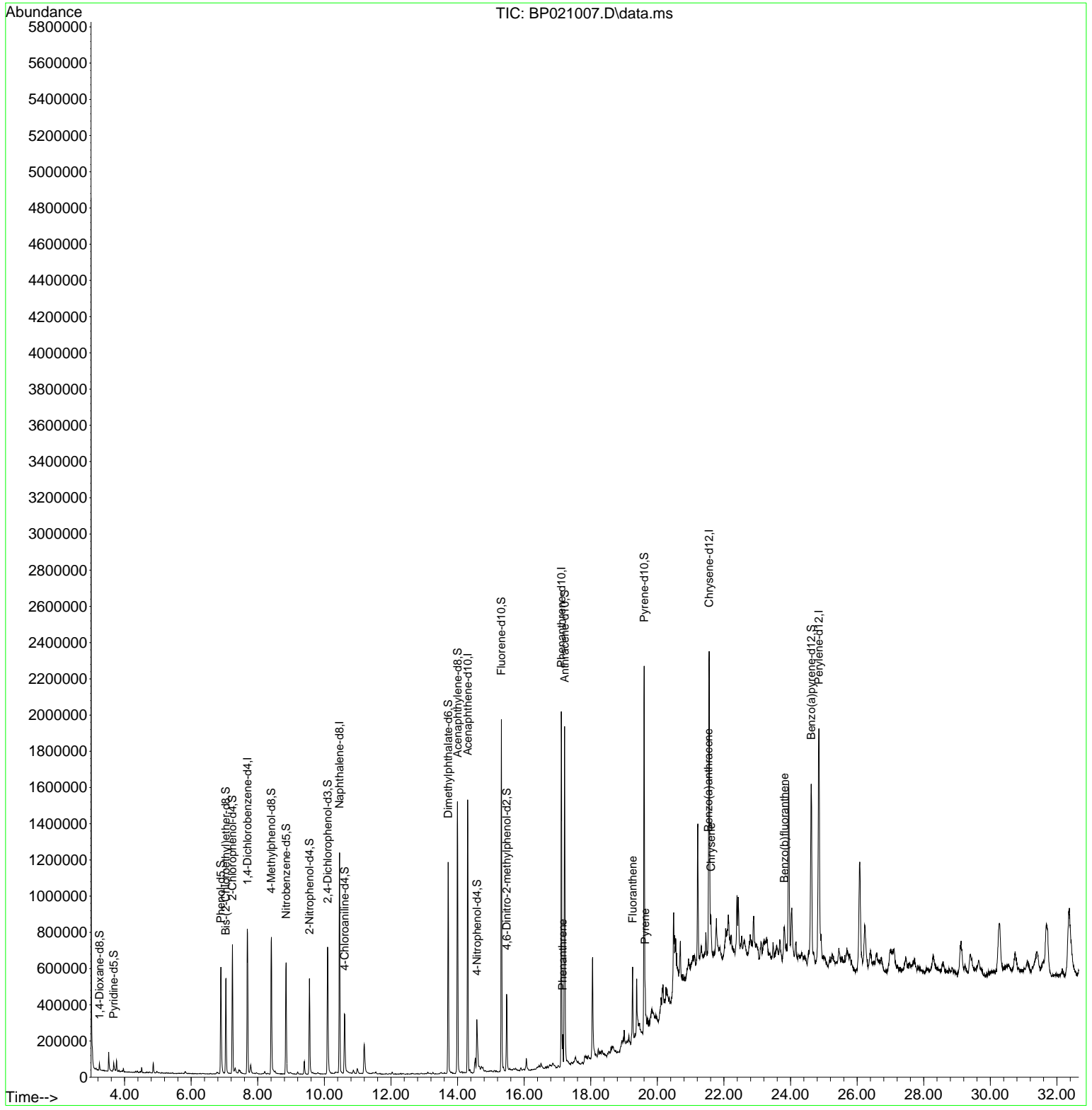
(#) = qualifier out of range (m) = manual integration (+) = signals summed

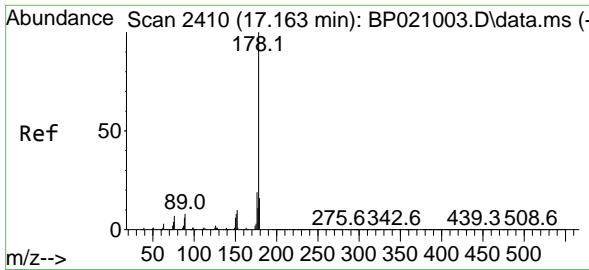
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071524\  
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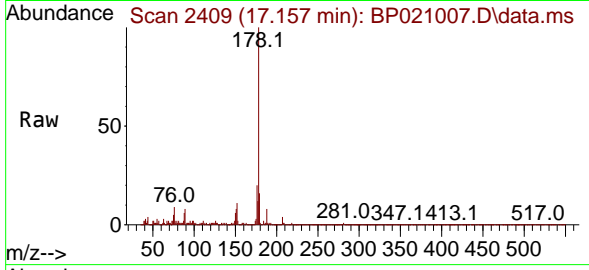
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 Reviewed By :Yogesh Patel 07/18/2024  
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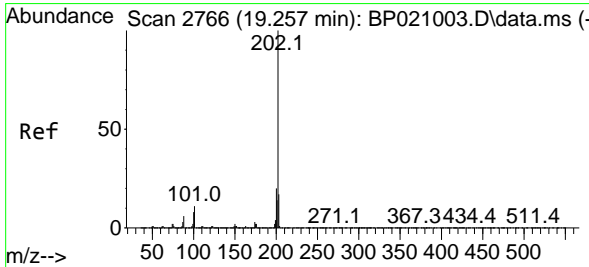
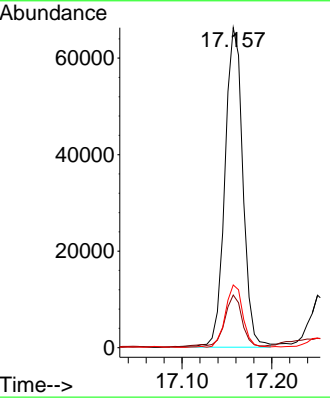
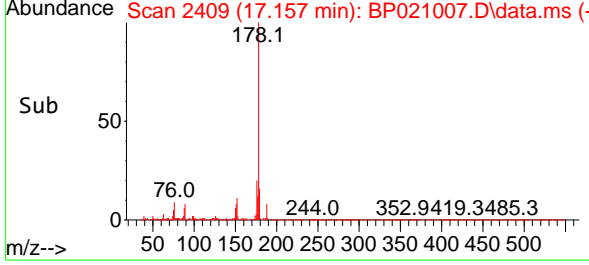
#72  
 Phenanthrene  
 Concen: 1.579 ng/uI  
 RT: 17.157 min Scan# 2410  
 Delta R.T. -0.006 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25

Instrument : BNA\_P  
 Client SampleId : A4BT1

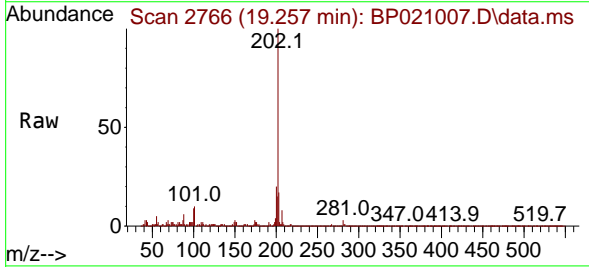


Tgt Ion:178 Resp: 91874  
 Ion Ratio Lower Upper  
 178 100  
 179 16.4 12.2 18.4  
 176 19.6 15.0 22.4

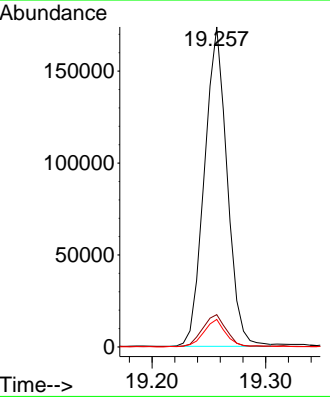
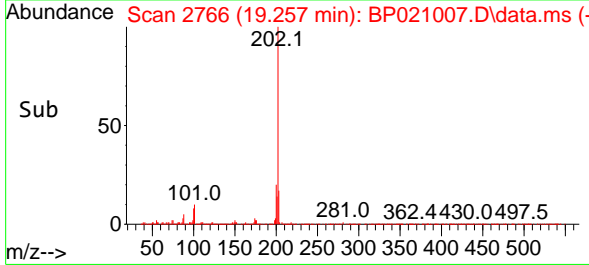
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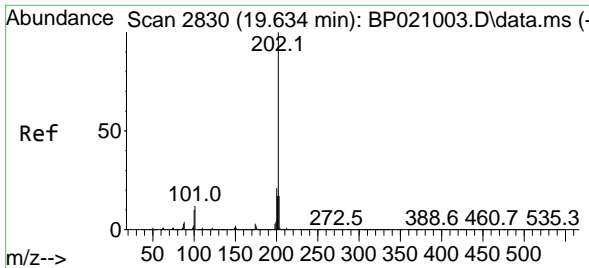


#80  
 Fluoranthene  
 Concen: 2.742 ng/uI  
 RT: 19.257 min Scan# 2766  
 Delta R.T. 0.006 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25



Tgt Ion:202 Resp: 242184  
 Ion Ratio Lower Upper  
 202 100  
 101 10.1 8.0 12.0  
 100 8.6 6.1 9.1





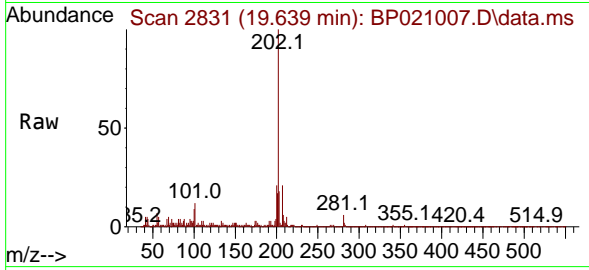
#82  
 Pyrene  
 Concen: 1.682 ng/uI  
 RT: 19.639 min Scan# 2831  
 Delta R.T. 0.012 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25

Instrument :

BNA\_P

Client SampleId :

A4BT1



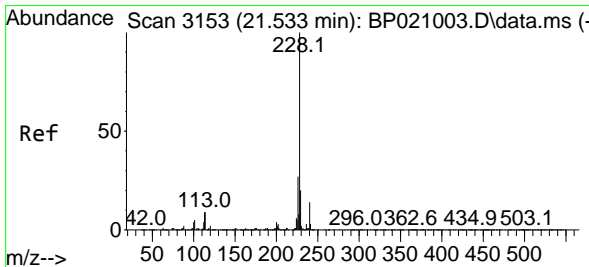
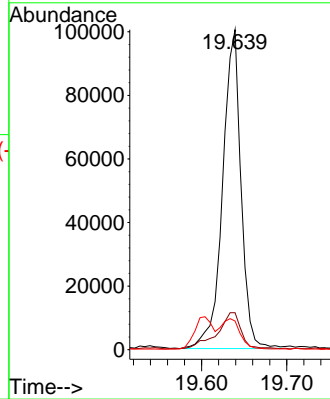
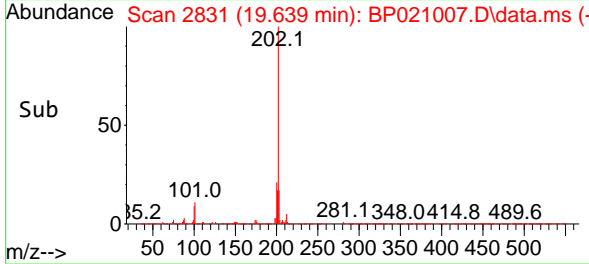
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 Ion Ratio Lower Upper  
 202 100  
 101 11.6 9.4 14.2  
 100 9.0 7.8 11.6

Manual Integrations

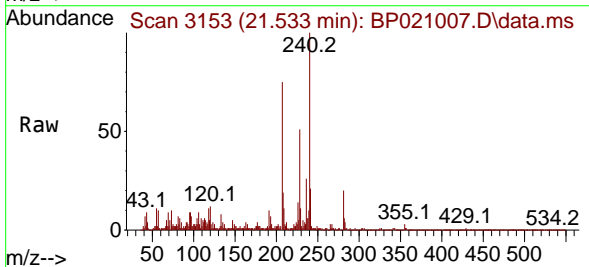
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Reviewed By :Yogesh Patel 07/18/2024

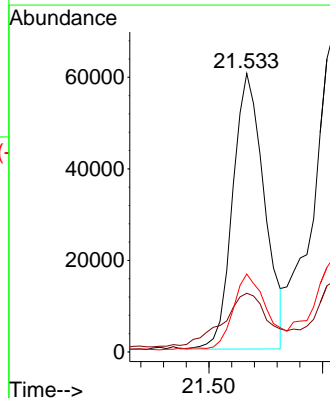
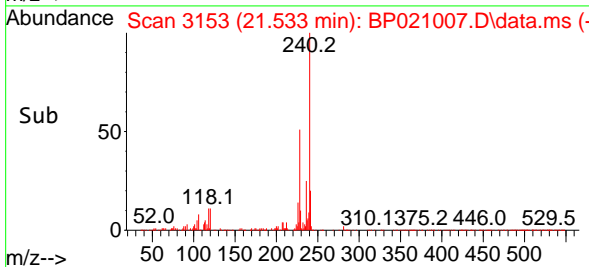
Supervised By :mohammad ahmed 07/18/2024

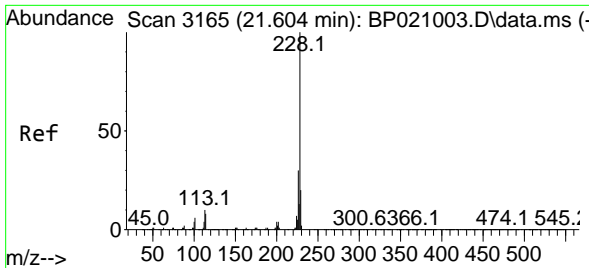


#85  
 Benzo(a)anthracene  
 Concen: 1.407 ng/uI  
 RT: 21.533 min Scan# 3153  
 Delta R.T. -0.000 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25



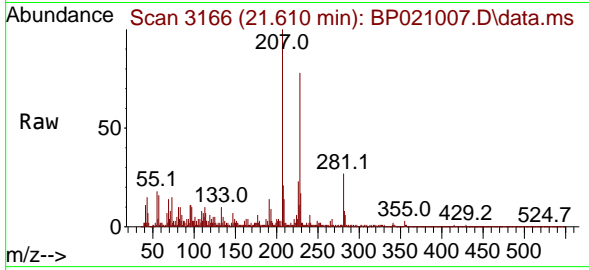
Tgt Ion: 228 Resp: 116599  
 Ion Ratio Lower Upper  
 228 100  
 229 21.1 15.5 23.3  
 226 28.0 21.4 32.2





#87  
 Chrysene  
 Concen: 1.814 ng/ul  
 RT: 21.610 min Scan# 3165  
 Delta R.T. 0.012 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25

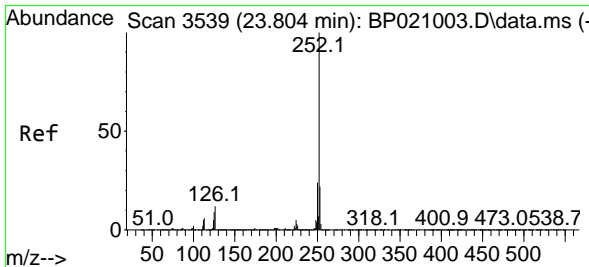
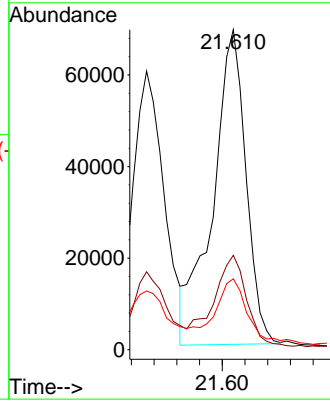
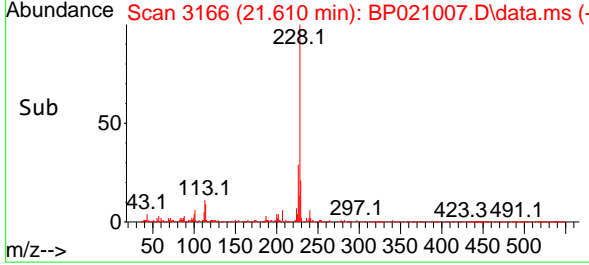
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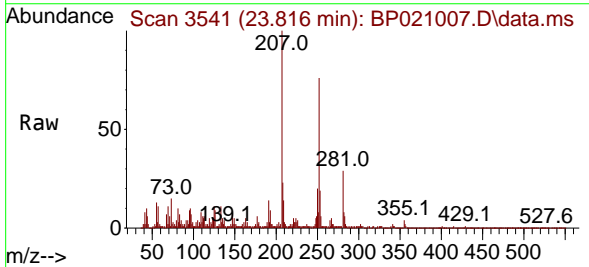
Tgt Ion:228 Resp: 13965  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 23.6 35.4  
 229 22.2 15.5 23.3

Manual Integrations  
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Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024



#90  
 Benzo(b)fluoranthene  
 Concen: 2.446 ng/ul  
 RT: 23.816 min Scan# 3541  
 Delta R.T. 0.035 min  
 Lab File: BP021007.D  
 Acq: 17 Jul 2024 03:25



Tgt Ion:252 Resp: 207434  
 Ion Ratio Lower Upper  
 252 100  
 253 25.1 17.1 25.7  
 125 14.0 7.0 10.4#

