Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019256.D
Acq On : 03 Jan 2024 19:32
Operator : MA/JU
Sample : O5951-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 04 04:56:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GCF73

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	196207	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	694794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	416124	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	902930	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1075834	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1324665	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10418	1.813	ng/uL	0.00
4) Pyridine-d5	3.676	84	14747m	1.023	ng/ul	0.02
7) Phenol-d5	6.987	99	191004	10.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	112747	11.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	156746	11.050	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	139726	10.200	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	69838	11.628	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	78573	12.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	149121	11.377	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	25288	1.569	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	436476	11.875	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	517897	12.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	52841m	8.514	ng/ul	0.02
60) Fluorene-d10	15.440	176	414412	13.051	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	53561	9.048	ng/ul	0.00
73) Anthracene-d10	17.298	188	628820	13.336	ng/ul	0.00
81) Pyrene-d10	19.545	212	828830	12.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	962742	12.644	ng/ul	0.00
Target Compounds						Qvalue
58) 2,3,4,6-Tetrachlorophenol	15.075	232	179306	18.903	ng/ul#	97
71) Pentachlorophenol	16.869	266	5755115	714.716	ng/ul	98
74) Anthracene	17.334	178	187558	3.443	ng/ul#	90
82) Pyrene	19.575	202	90283	1.145	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.216	149	72206	1.742	ng/ul#	92
87) Chrysene	21.322	228	95873	1.210	ng/ul#	83

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

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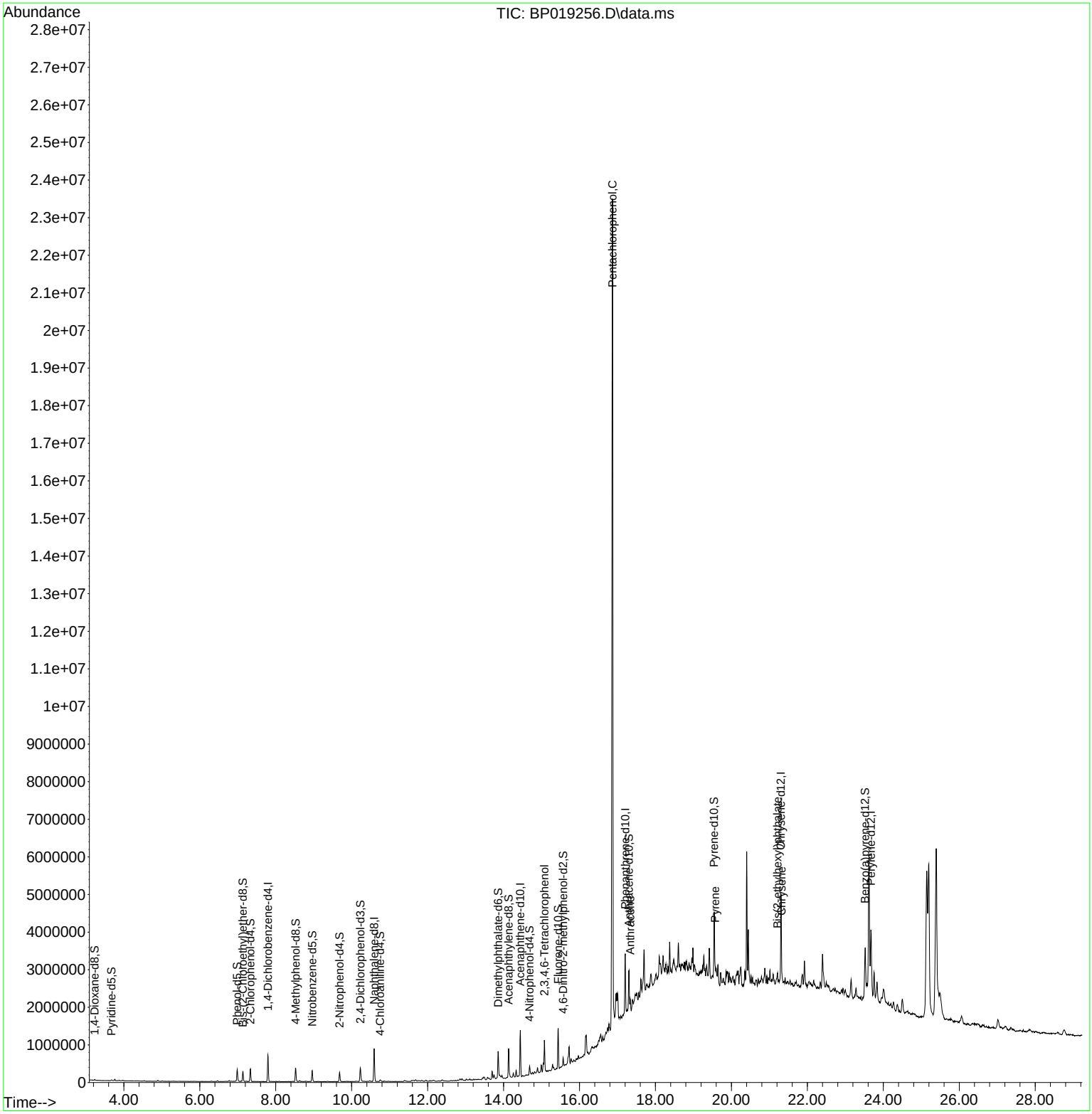

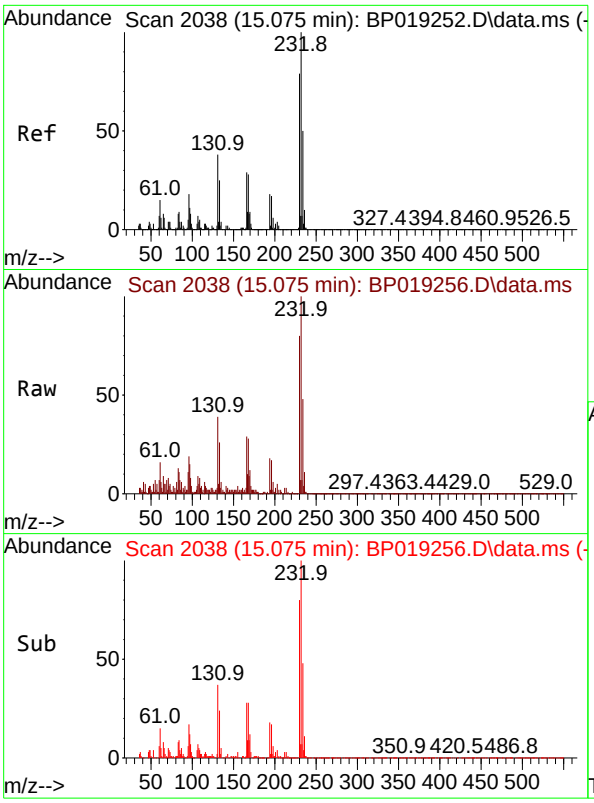

#58
2,3,4,6-Tetrachlorophenol
Concen: 18.903 ng/ul
RT: 15.075 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:232 Resp: 17930(

Ion	Ratio	Lower	Upper
232	100		
131	39.4	29.3	43.9
130	2.5	1.4	2.2#
166	29.0	22.6	33.8

Instrument :
BNA_P
ClientSampleId :
GCF73

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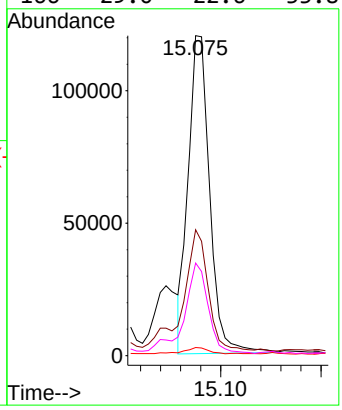
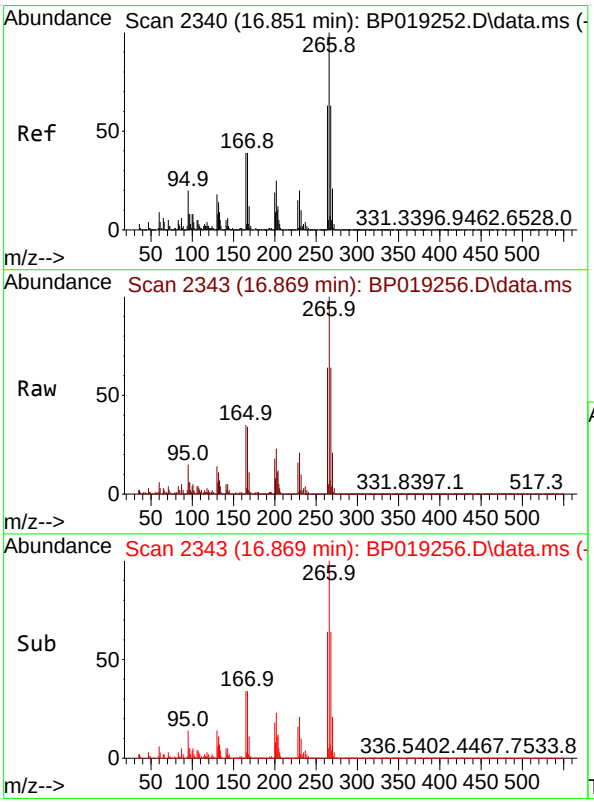
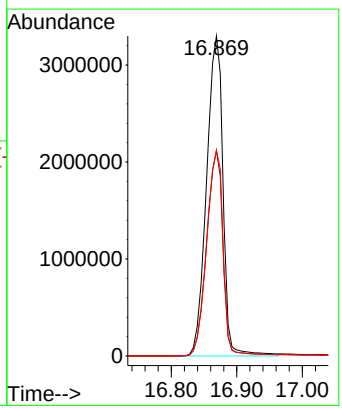


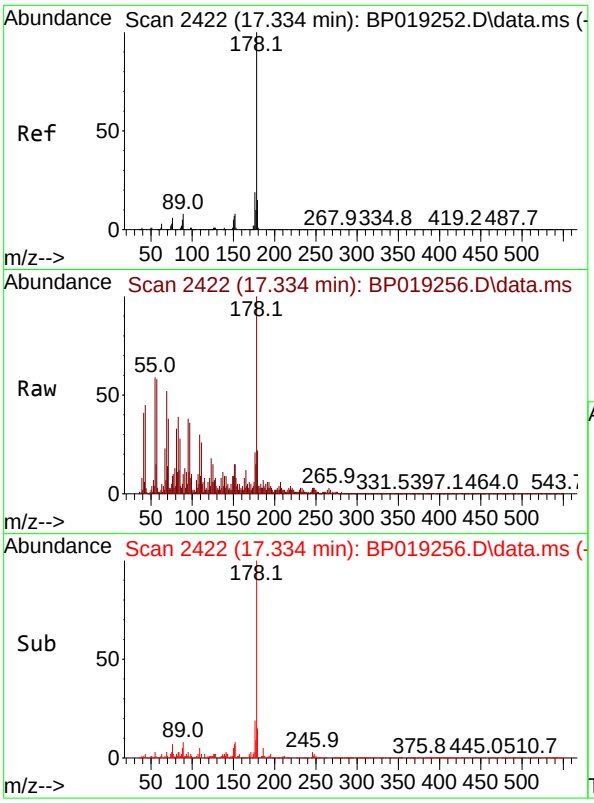


#71
Pentachlorophenol
Concen: 714.716 ng/ul
RT: 16.869 min Scan# 2343
Delta R.T. 0.018 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:266 Resp: 5755115

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.0	75.0
268	64.3	52.8	79.2





#74
Anthracene
Concen: 3.443 ng/ul
RT: 17.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:178 Resp: 18755

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.2	18.4#
176	20.7	14.9	22.3

Instrument :
BNA_P
ClientSampleId :
GCF73

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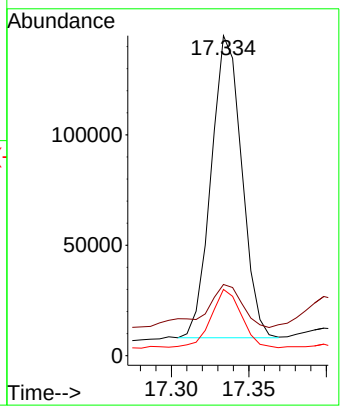
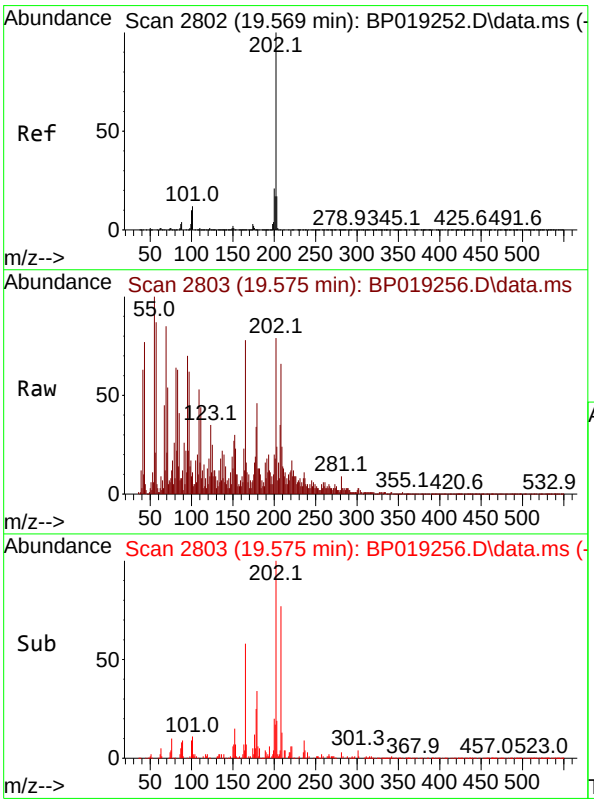
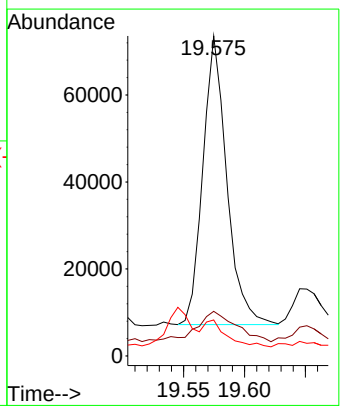


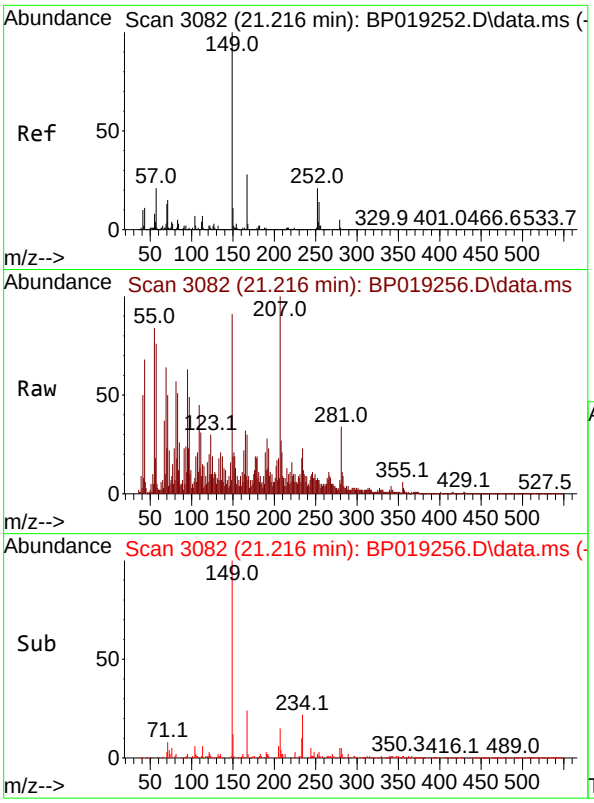


#82
Pyrene
Concen: 1.145 ng/ul
RT: 19.575 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:202 Resp: 90283

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.2	13.8#
100	11.3	7.8	11.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.742 ng/ul
RT: 21.216 min Scan# 3(
Delta R.T. -0.006 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:149 Resp: 7220(

Ion	Ratio	Lower	Upper
149	100		
167	32.5	22.5	33.7
279	7.2	4.0	6.0#

Instrument :
BNA_P
ClientSampleId :
GCF73

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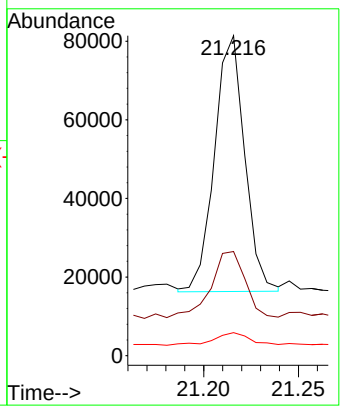
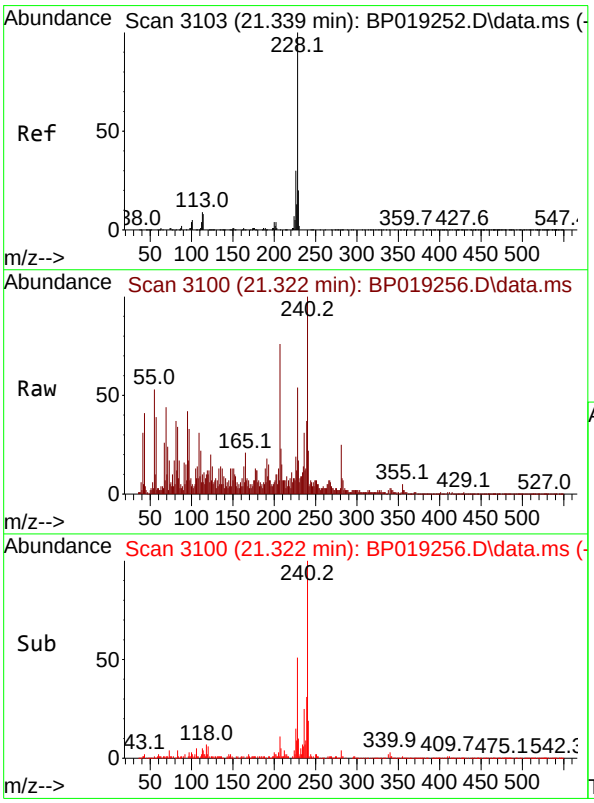
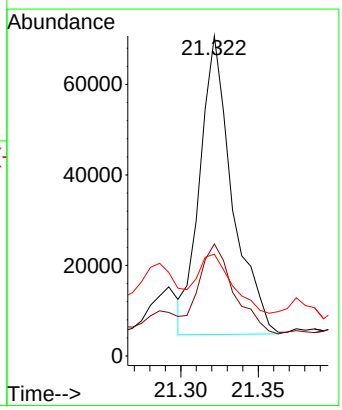




#87
Chrysene
Concen: 1.210 ng/ul
RT: 21.322 min Scan# 3100
Delta R.T. -0.023 min
Lab File: BP019256.D
Acq: 03 Jan 2024 19:32

Tgt Ion:228 Resp: 95873

Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.4	35.2
229	31.8	15.6	23.4#