Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBH02

Manual Integrations APPROVED
mohammad
2/23/2021 3:42:34 PM

Quant Time: Feb 22 14:16:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	170720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	119033	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	258786	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	338577	20.00	ng/ul	0.03
86) Perylene-d12	25.17	264	261958	20.00	ng/ul	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	594	0.55	ng/uL	0.00
5) Phenol-d5	7.32	99	15795	4.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	11391	5.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	12085	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	11741	3.94	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6697	5.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	6335	4.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	11653	3.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	661m	0.22	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	35456	4.02	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	43632	4.05	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	4834	3.23	ng/ul	0.01
58) Fluorene-d10	15.73	176	31455	4.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	2661	1.68	ng/ul	0.00
71) Anthracene-d10	17.59	188	50398	4.54	ng/ul	0.00
79) Pyrene-d10	19.87	212	59850m	3.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	57559	4.31	ng/ul	0.10
Target Compounds						Qvalue
4) Benzaldehyde	7.26	77	18661	8.364	ng/ul	94
6) Phenol	7.34	94	5409	1.381	ng/ul	90
16) 4-Methylphenol	8.93	108	7146	2.336	ng/ul	83
83) Benzo(a)anthracene	21.83	228	158258m	7.482	ng/ul	
85) Chrysene	21.89	228	384597m	19.025	ng/ul	

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

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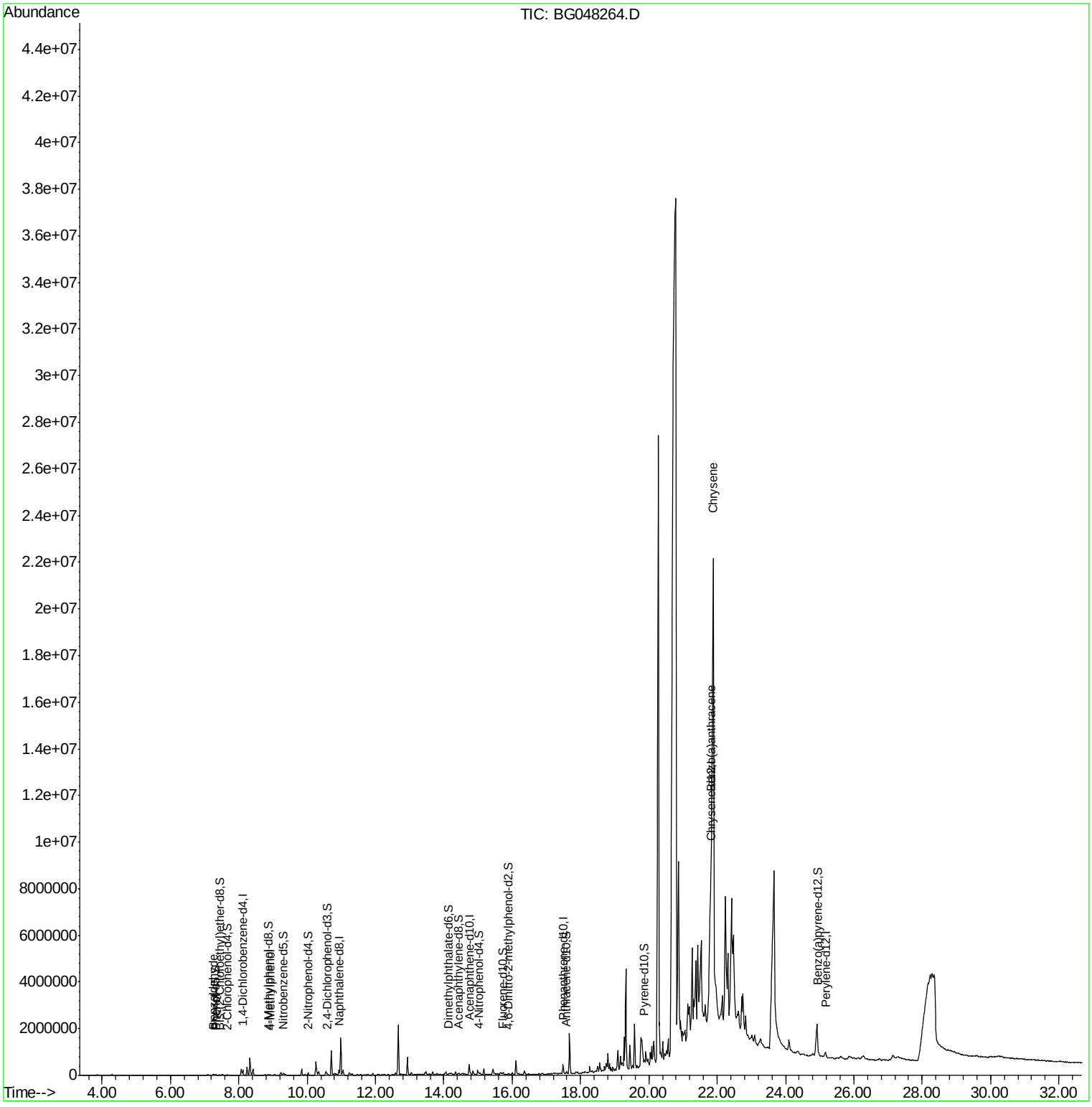
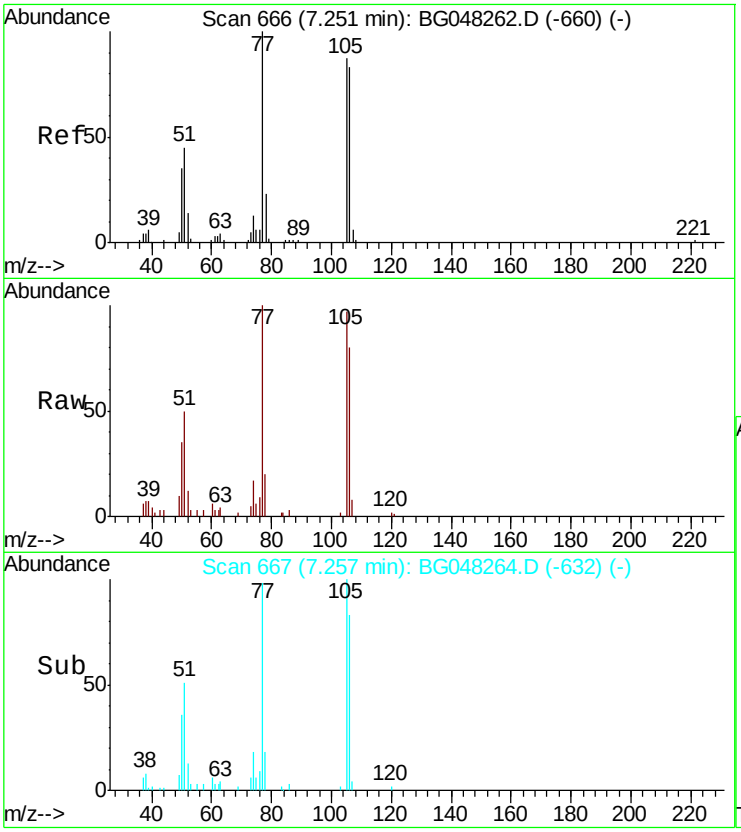
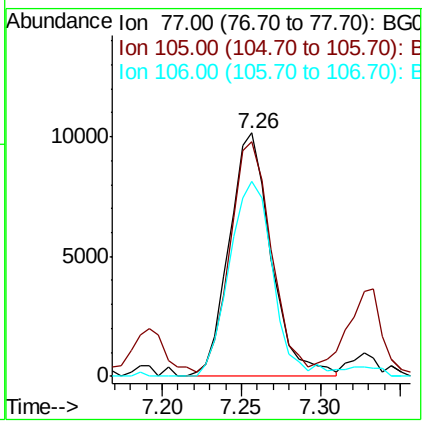




#4
Benzaldehyde
Concen: 8.364 ng/ul
RT: 7.26 min Scan# 667
Delta R.T. 0.01 min
Lab File: BG048264.D
Acq: 22 Feb 2021 11:53

Tgt Ion: 77 Resp: 18661

Ion	Ratio	Lower	Upper
77	100		
105	96.5	70.4	105.6
106	80.0	66.1	99.1



Instrument :
BNA_G
ClientSampleId :
DBH02

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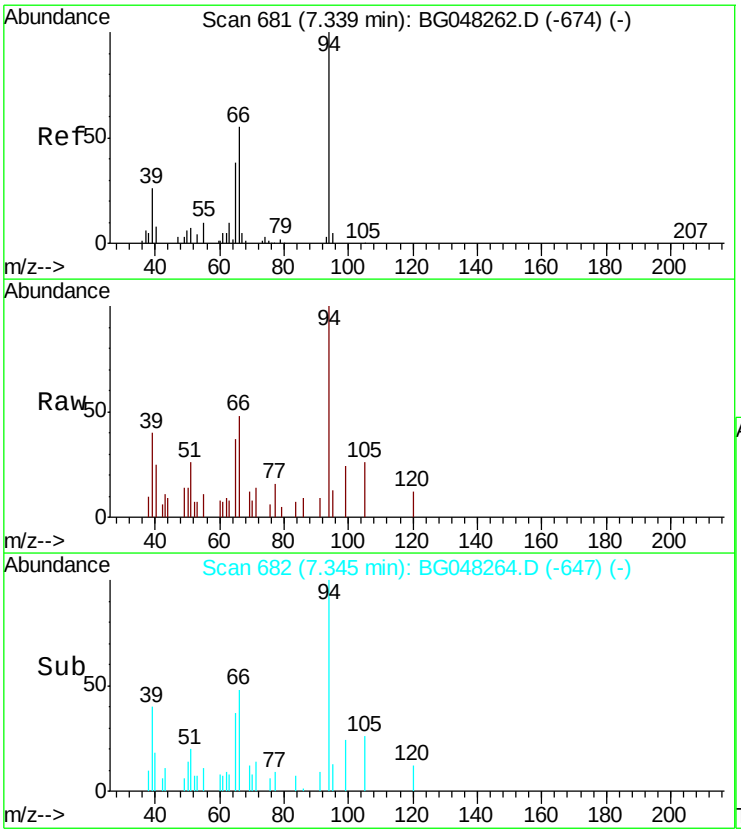
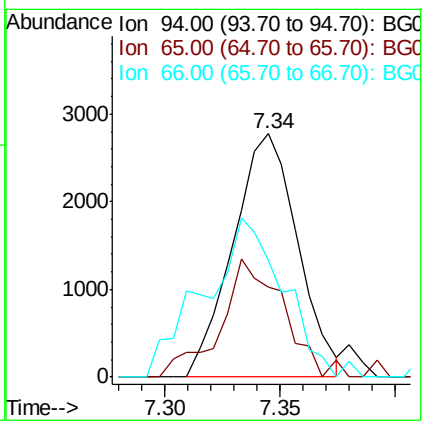
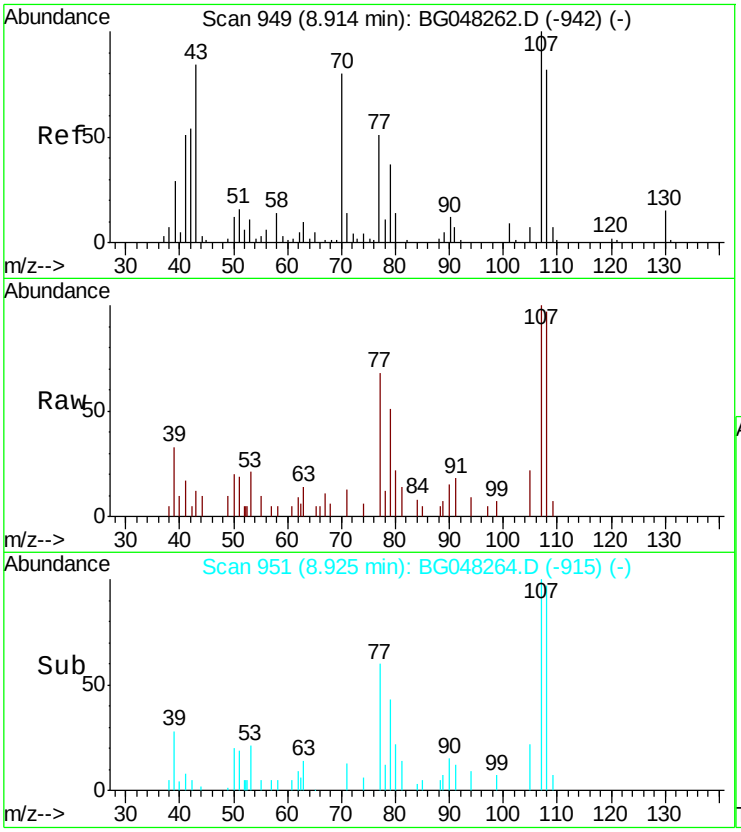


#6
Phenol
Concen: 1.381 ng/ul
RT: 7.34 min Scan# 682
Delta R.T. 0.01 min
Lab File: BG048264.D
Acq: 22 Feb 2021 11:53

Tgt Ion: 94 Resp: 5409

Ion	Ratio	Lower	Upper
94	100		
65	37.1	31.0	46.6
66	48.0	46.8	70.2





#16
4-Methylphenol
Concen: 2.336 ng/ul
RT: 8.93 min Scan# 951
Delta R.T. 0.01 min
Lab File: BG048264.D
Acq: 22 Feb 2021 11:53

Tgt Ion:108 Resp: 7146

Ion	Ratio	Lower	Upper
108	100		
107	103.5	98.0	147.0

Instrument :
BNA_G
ClientSampleId :
DBH02

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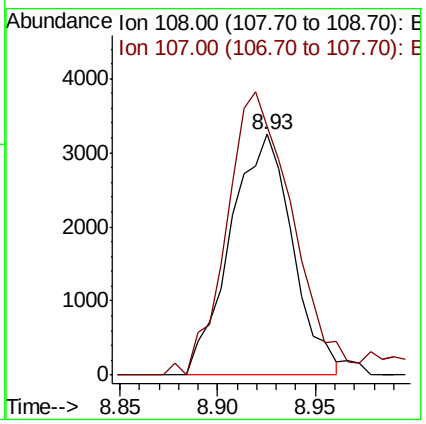
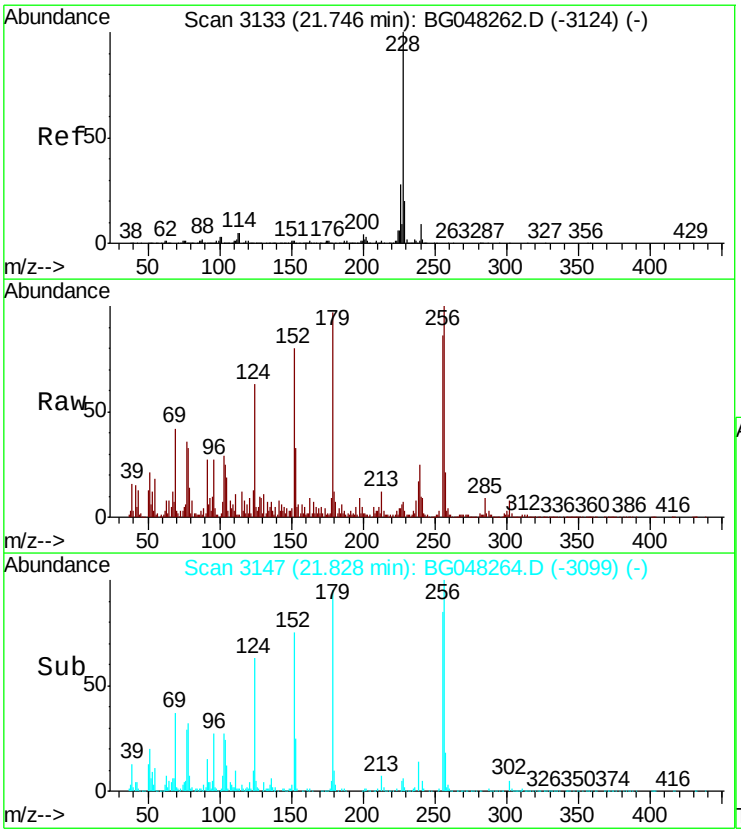
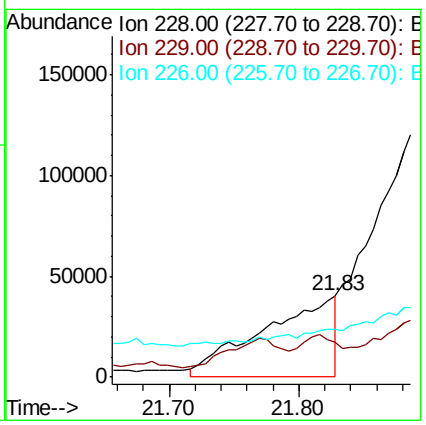


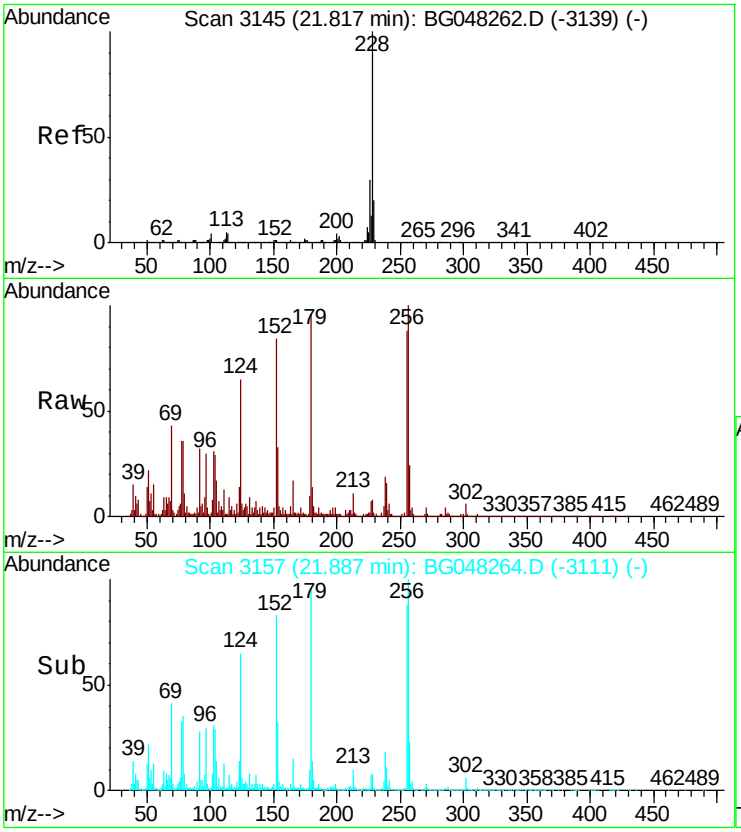


#83
Benzo(a)anthracene
Concen: 7.482 ng/ul m
RT: 21.83 min Scan# 3147
Delta R.T. 0.08 min
Lab File: BG048264.D
Acq: 22 Feb 2021 11:53

Tgt Ion:228 Resp: 158258

Ion	Ratio	Lower	Upper
228	100		
229	42.2	16.2	24.4#
226	59.1	22.8	34.2#

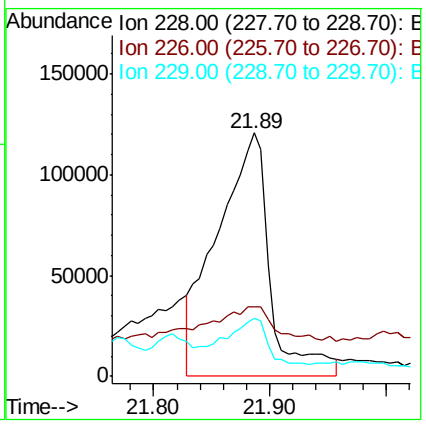




#85
Chrysene
Concen: 19.025 ng/ul m
RT: 21.89 min Scan# 3157
Delta R.T. 0.07 min
Lab File: BG048264.D
Acq: 22 Feb 2021 11:53

Tgt Ion:228 Resp: 384597

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	23.6	15.8	23.6



Instrument :
BNA_G
ClientSampleId :
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