Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022249.D
Acq On : 23 Aug 2019 10:51
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations APPROVED
mohammad
8/26/2019 8:29:21 AM

Quant Time: Aug 27 02:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 19:41:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	25576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	114345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	77506	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	182239	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	221941	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	204268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	1041	1.82	ng/uL	0.00
5) Phenol-d5	6.75	99	32772	14.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	20124	15.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	28652	16.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	20115	10.51	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	13969	16.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	15009	15.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	30570	15.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	21938	8.93	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	118067	17.30	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	123312	16.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	11398m	11.27	ng/ul	0.02
57) Fluorene-d10	15.22	176	101263	17.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	15546	11.06	ng/ul	0.00
70) Anthracene-d10	17.08	188	168945	17.51	ng/ul	0.00
78) Pyrene-d10	19.39	212	239709	20.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	217935	19.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.78	94	3446	1.458	ng/ul	92
44) Dimethylphthalate	13.69	163	34406	4.954	ng/ul	99
76) Fluoranthene	19.05	202	29283	1.782	ng/ul	98
79) Pyrene	19.42	202	29484	2.052	ng/ul	98
82) Benzo(a)anthracene	21.17	228	34742	2.080	ng/ul#	89
84) Chrysene	21.22	228	29944	1.917	ng/ul#	86
87) Benzo(b)fluoranthene	22.73	252	39274	2.764	ng/ul#	89
90) Benzo(a)pyrene	23.29	252	30823	2.276	ng/ul#	92
93) Benzo(g,h,i)perylene	26.25	276	17779	1.482	ng/ul#	91

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

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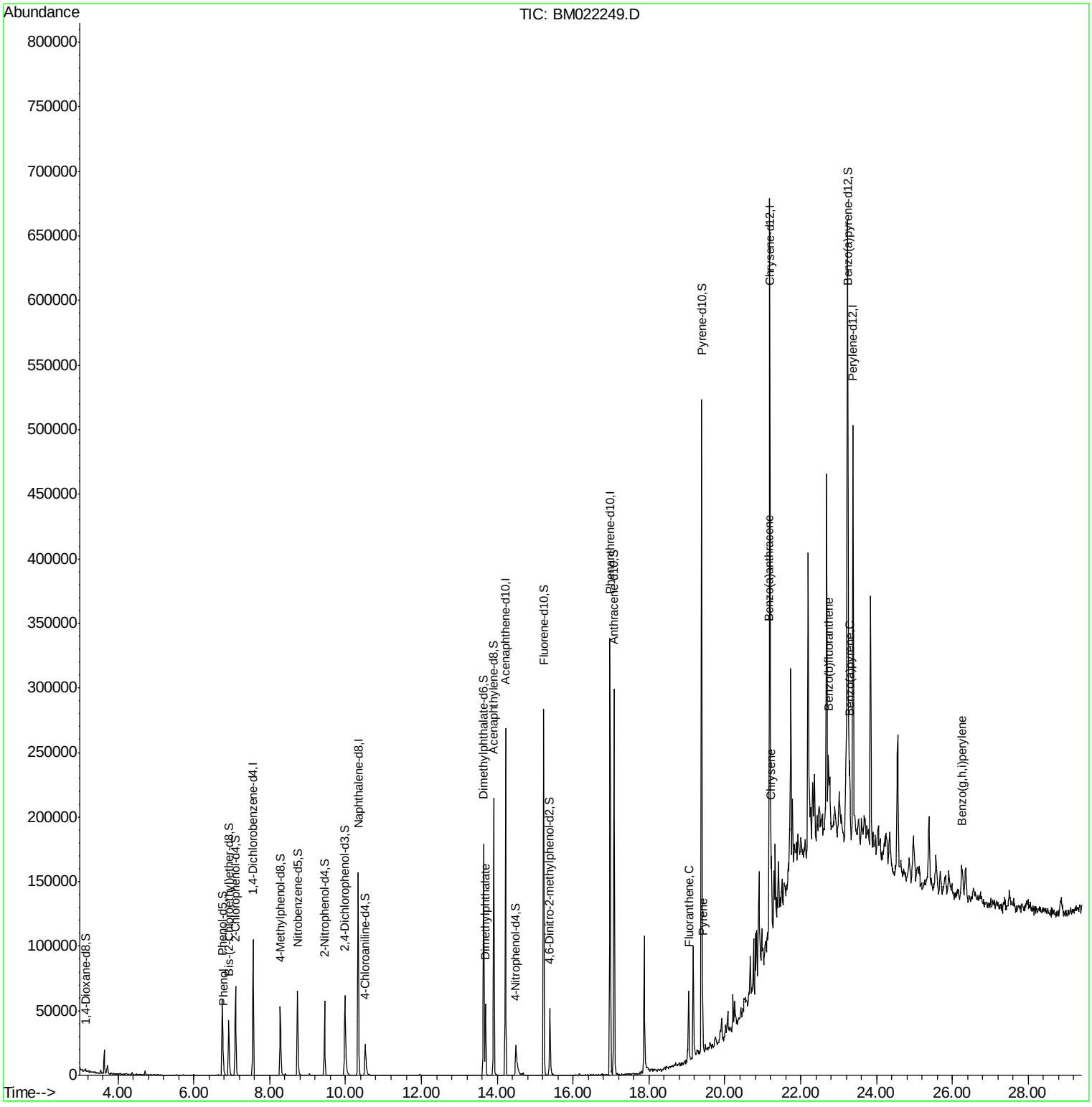
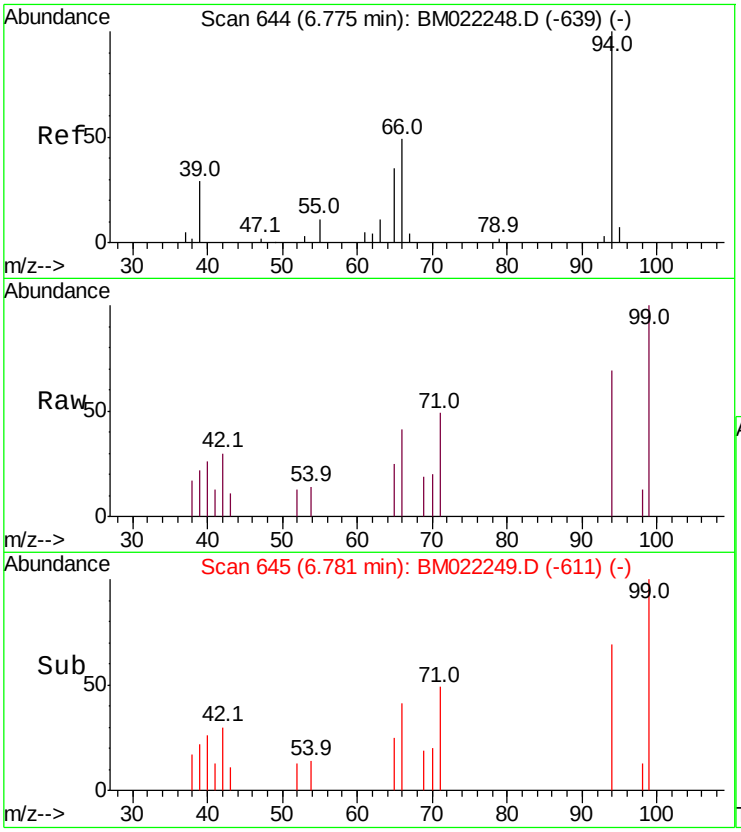
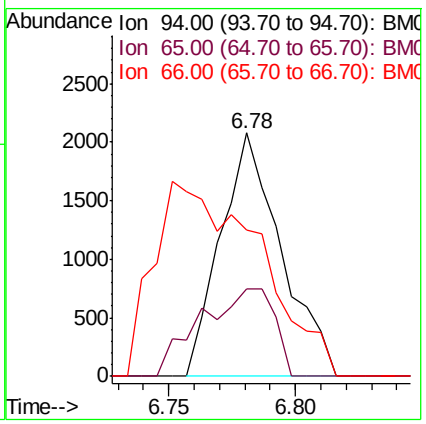




#6
Phenol
Concen: 1.458 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion: 94 Resp: 3446

Ion	Ratio	Lower	Upper
94	100		
65	35.9	29.2	43.8
66	59.9	40.6	60.8



Instrument :
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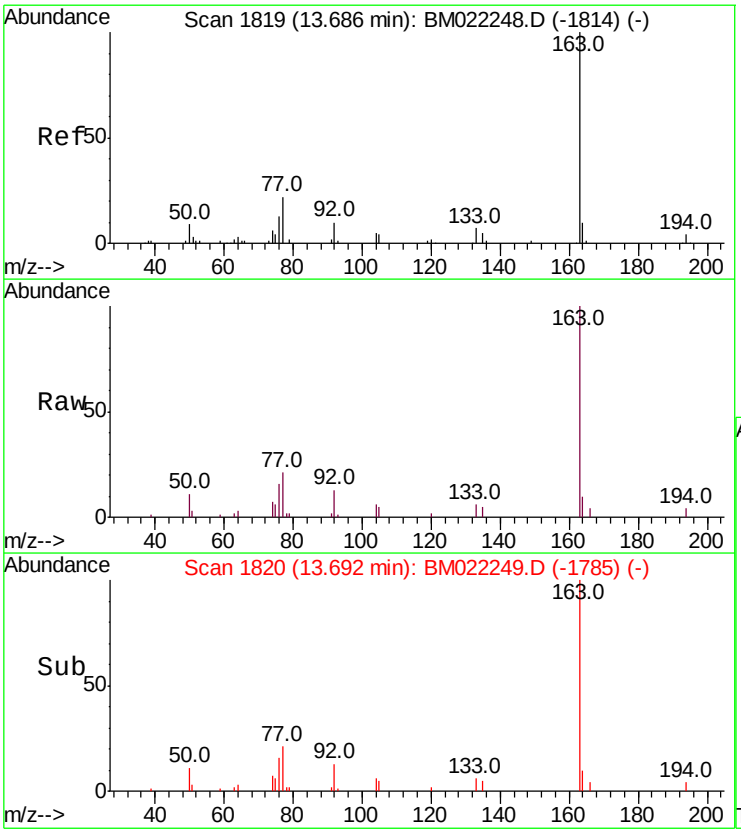
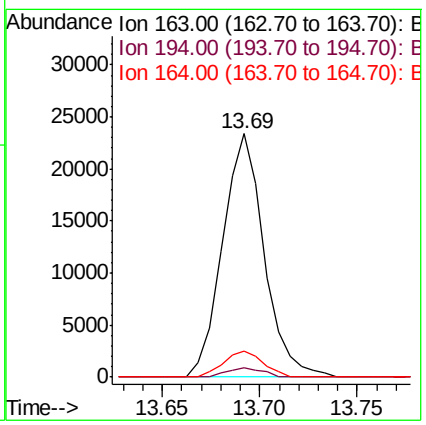
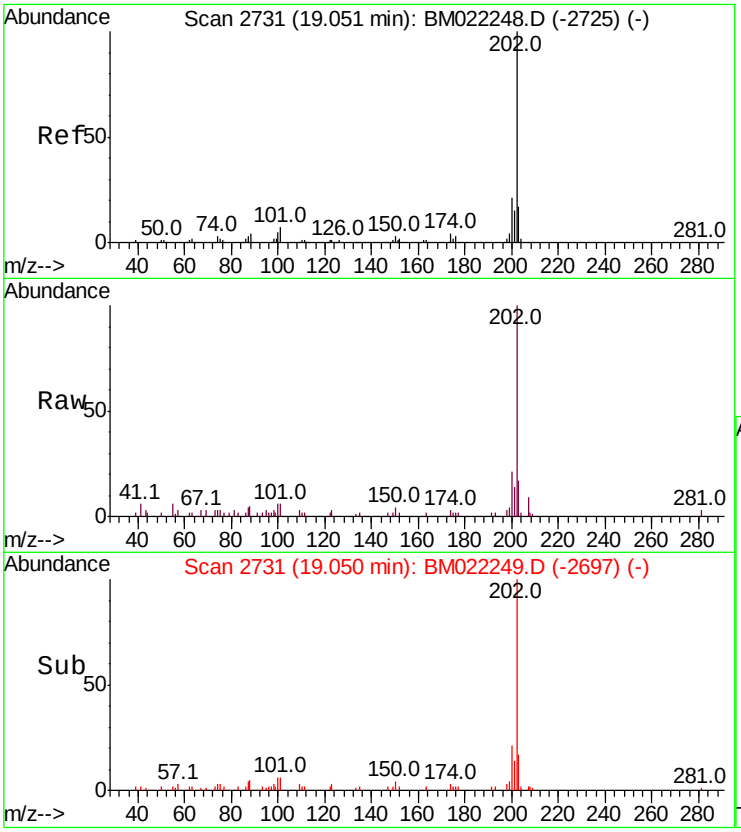


#44
Dimethylphthalate
Concen: 4.954 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:163 Resp: 34406

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.4	7.8	11.8

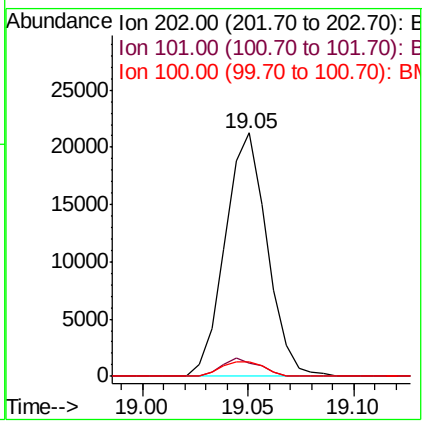




#76
Fluoranthene
Concen: 1.782 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:202 Resp: 29283

Ion	Ratio	Lower	Upper
202	100		
101	5.7	5.3	7.9
100	6.0	4.6	6.8



Instrument :
BNA_M
ClientSampleId :
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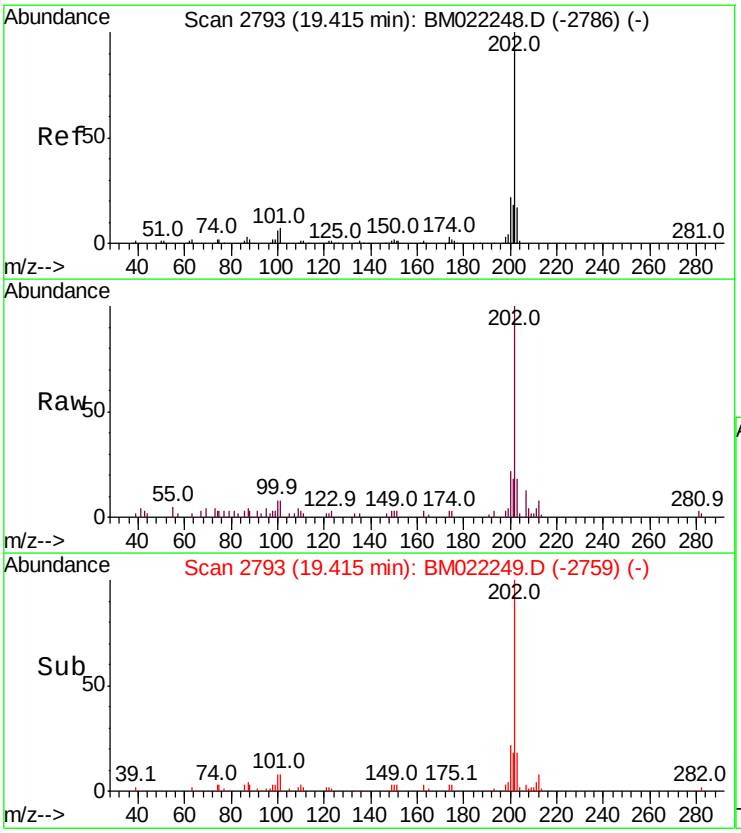
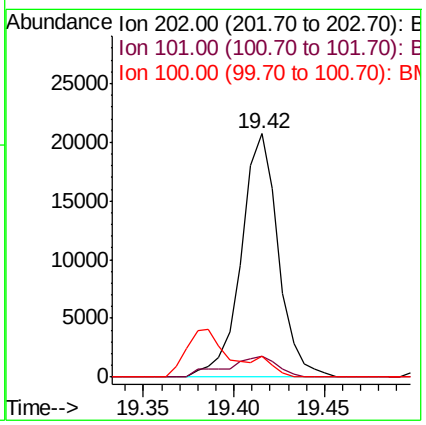
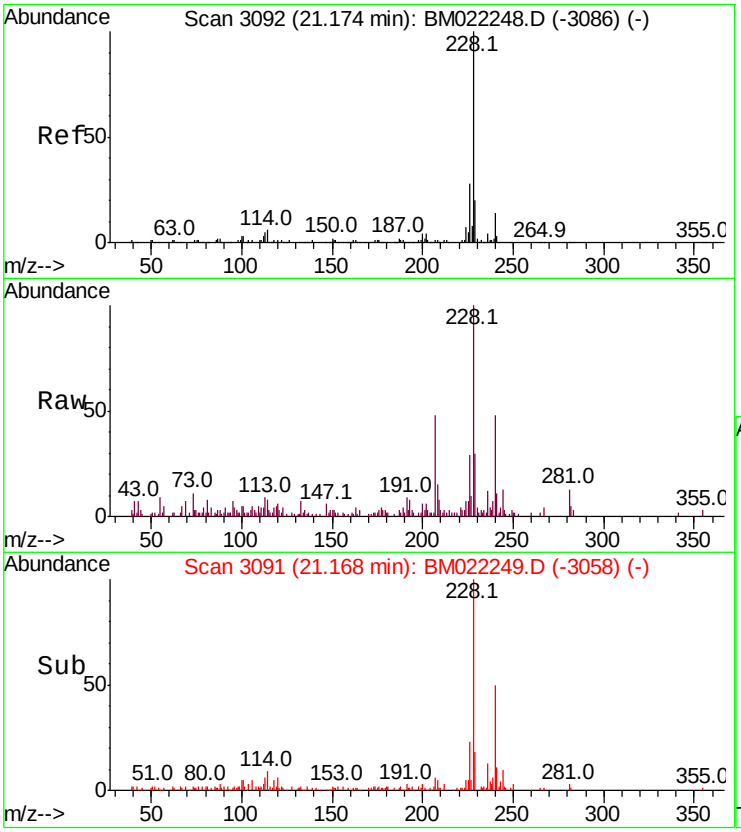


#79
Pyrene
Concen: 2.052 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:202 Resp: 29484

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	8.5	5.8	8.8

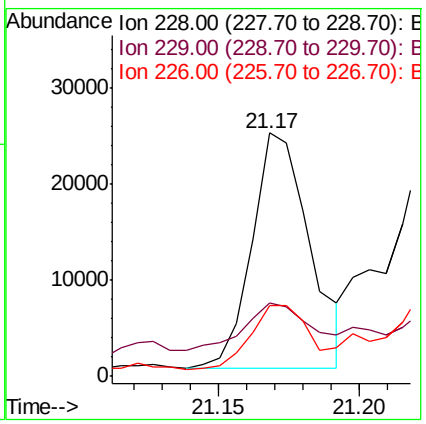




#82
Benzo(a)anthracene
Concen: 2.080 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:228 Resp: 34742

Ion	Ratio	Lower	Upper
228	100		
229	30.3	15.2	22.8#
226	28.9	22.3	33.5



Instrument :
BNA_M
ClientSampleId :
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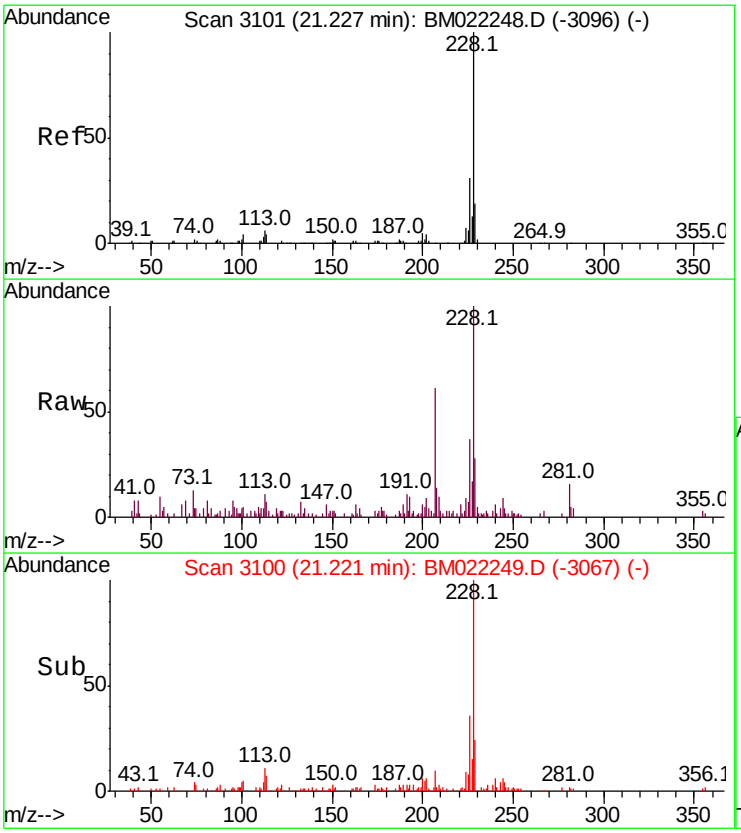
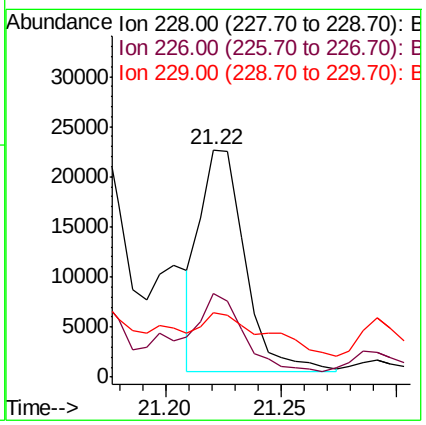
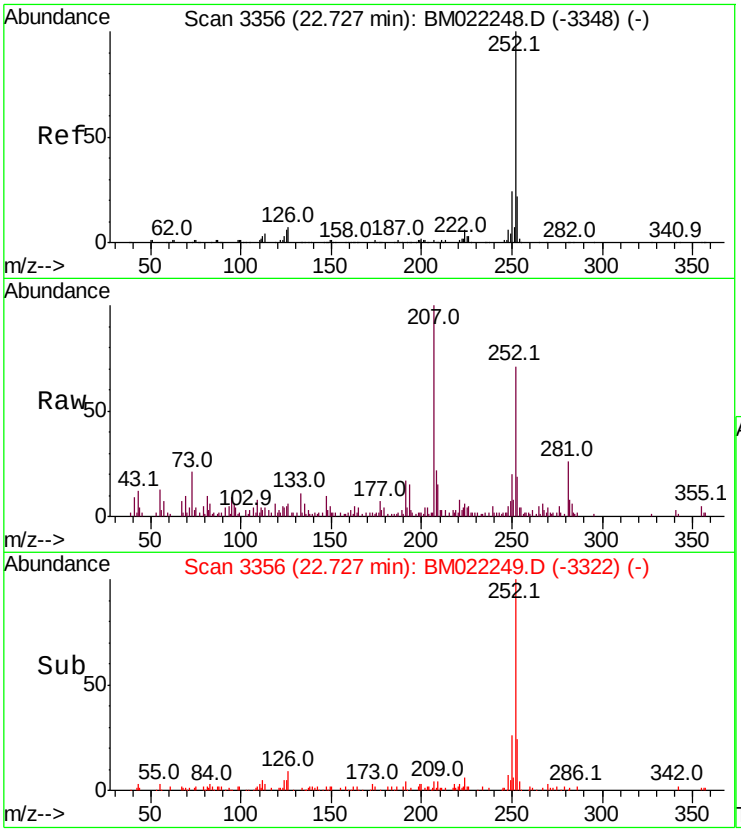


#84
Chrysene
Concen: 1.917 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:228 Resp: 29944

Ion	Ratio	Lower	Upper
228	100		
226	36.9	24.7	37.1
229	28.2	15.7	23.5#

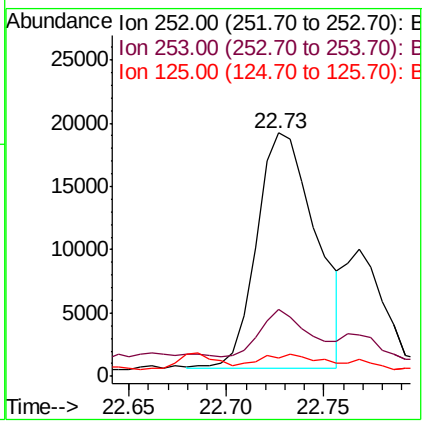




#87
Benzo(b)fluoranthene
Concen: 2.764 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:252 Resp: 39274

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	7.6	5.2	7.8



Instrument :
BNA_M
ClientSampleId :
C0AF0

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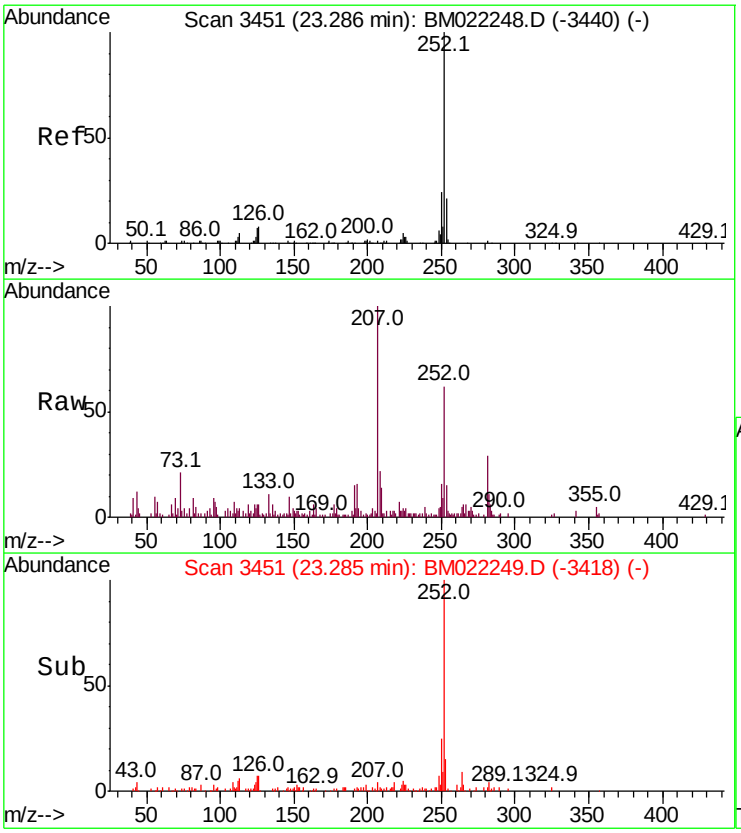
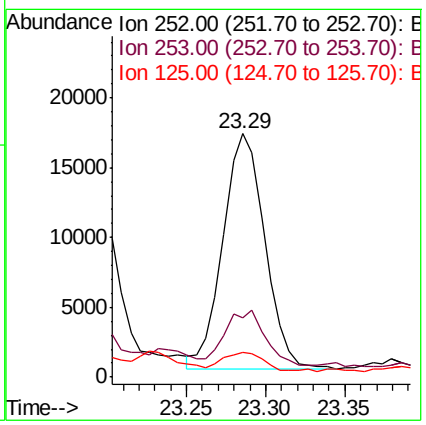
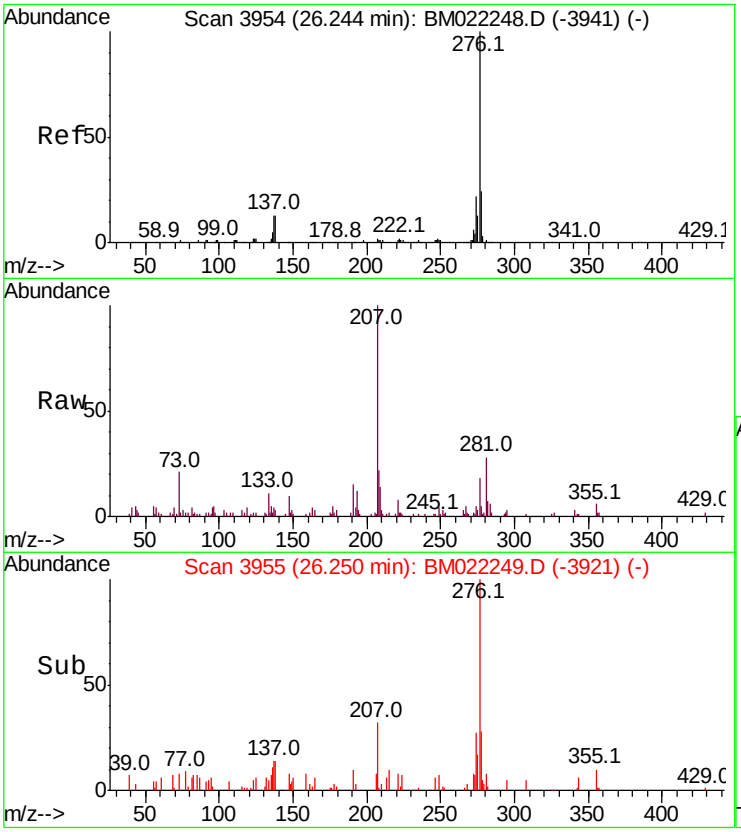


#90
Benzo(a)pyrene
Concen: 2.276 ng/ul
RT: 23.29 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:252 Resp: 30823

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.9	25.3
125	10.3	5.5	8.3#

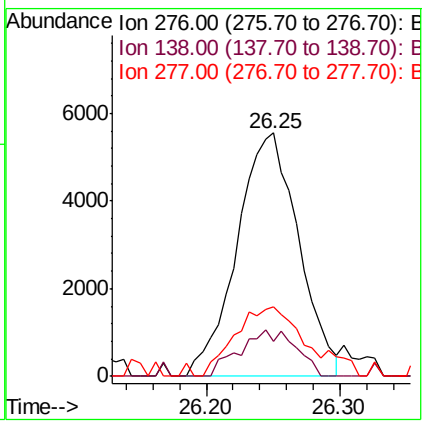




#93
Benzo(g,h,i)perylene
Concen: 1.482 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.00 min
Lab File: BM022249.D
Acq: 23 Aug 2019 10:51

Tgt Ion:276 Resp: 17779

Ion	Ratio	Lower	Upper
276	100		
138	14.3	10.2	15.4
277	28.3	18.2	27.4#



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