

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024811.D
 Acq On : 10 Feb 2020 16:52
 Operator : CG/JU
 Sample : L1402-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L4

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:50:20 AM

Quant Time: Feb 10 17:45:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 10 16:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	259525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1018862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	663009	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1417327	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1399742	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1463479	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24514	4.54	ng/uL	0.00
5) Phenol-d5	6.60	99	435762	25.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	270172	27.75	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	401904	26.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	264879	18.21	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	198760	26.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	235825	27.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	406852	23.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	435195	26.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1324825	26.47	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1584279	27.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	165547	20.36	ng/ul	0.00
58) Fluorene-d10	15.06	176	1161812	26.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	191835	20.76	ng/ul	0.00
71) Anthracene-d10	16.91	188	1677962	25.93	ng/ul	0.00
79) Pyrene-d10	19.22	212	1970171	28.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2013514	27.39	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.85	178	404996	5.241	ng/ul	99
77) Fluoranthene	18.88	202	689409	7.267	ng/ul	99
80) Pyrene	19.24	202	602417	6.502	ng/ul	99
83) Benzo(a)anthracene	21.00	228	333247	3.534	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	162130	2.956	ng/ul	98
85) Chrysene	21.06	228	327271	3.526	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	491014	5.276	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	133498m	1.490	ng/ul	
91) Benzo(a)pyrene	23.03	252	286485	3.434	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	215143	2.071	ng/ul	97
94) Benzo(g,h,i)perylene	25.79	276	196144	2.271	ng/ul	97

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

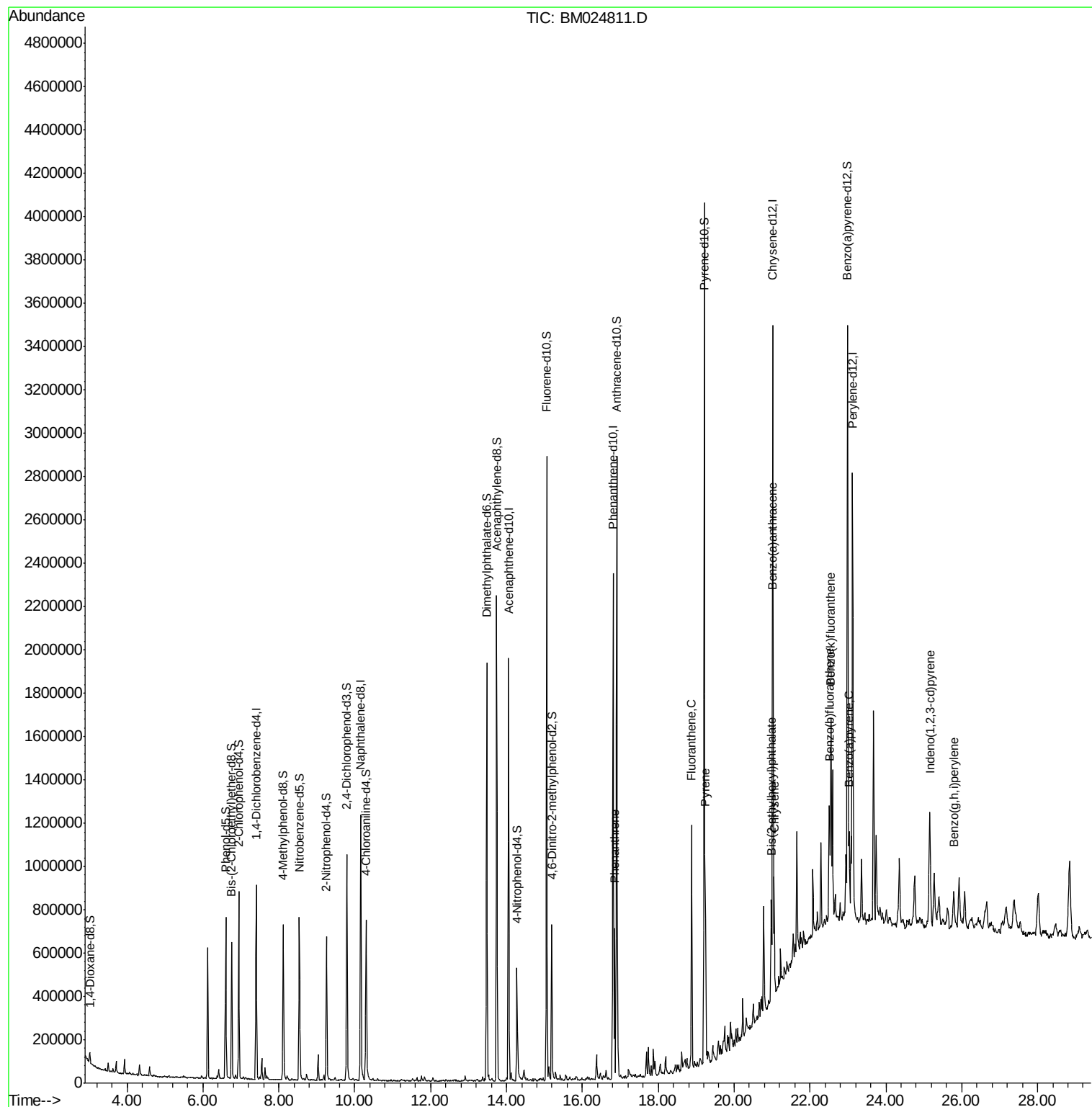
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024811.D
Acq On : 10 Feb 2020 16:52
Operator : CG/JU
Sample : L1402-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

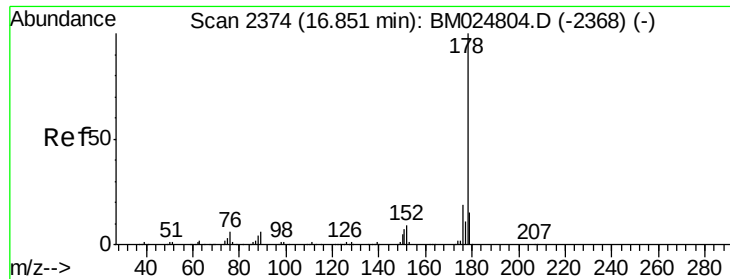
Instrument :
BNA_M
ClientSampleId :
CB6L4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





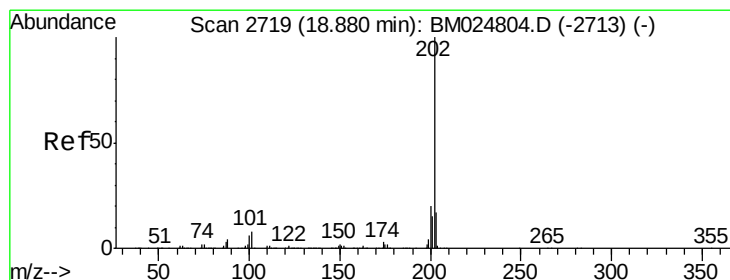
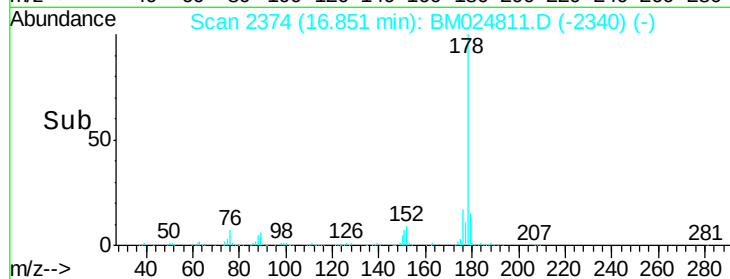
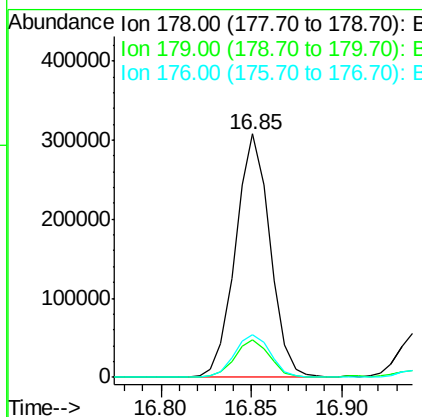
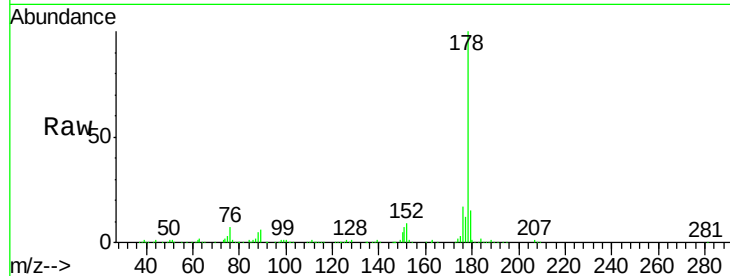
#70
Phenanthrene
Concen: 5.241 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Instrument :
BNA_M
ClientSampleId :
CB6L4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	17.5	14.5	21.7

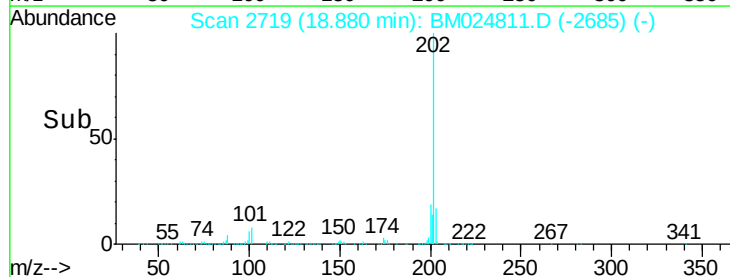
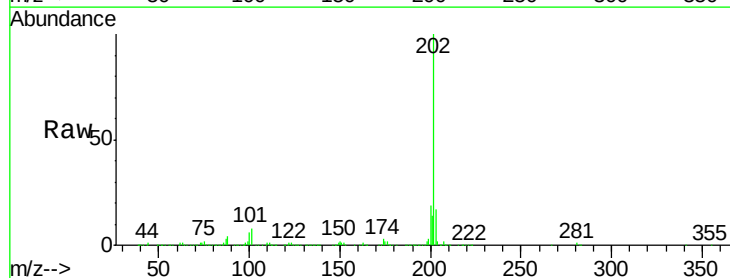
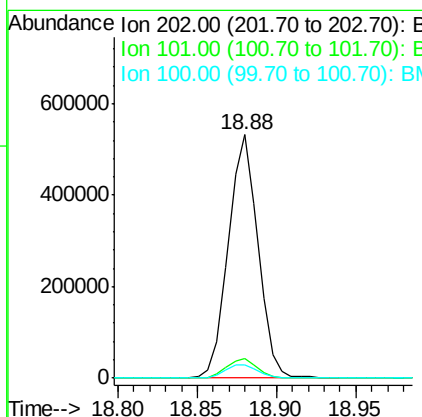
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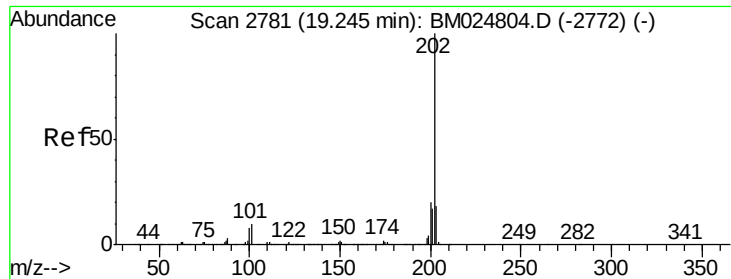
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#77
Fluoranthene
Concen: 7.267 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.1	9.1
100	5.7	4.8	7.2





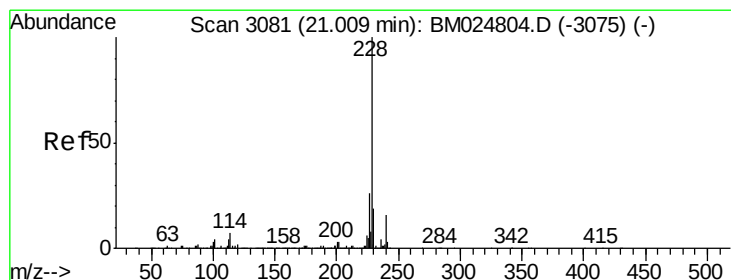
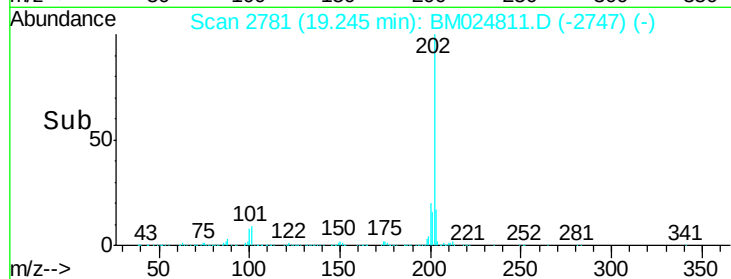
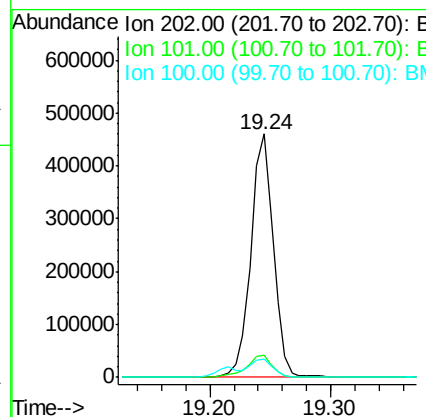
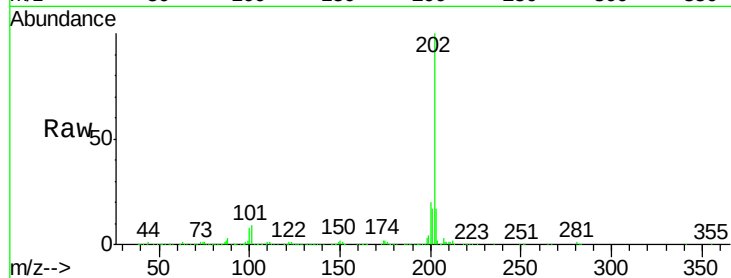
#80
Pvrene
Concen: 6.502 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Instrument :
BNA_M
ClientSampleId :
CB6L4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	7.0	10.4
100	7.7	5.8	8.8

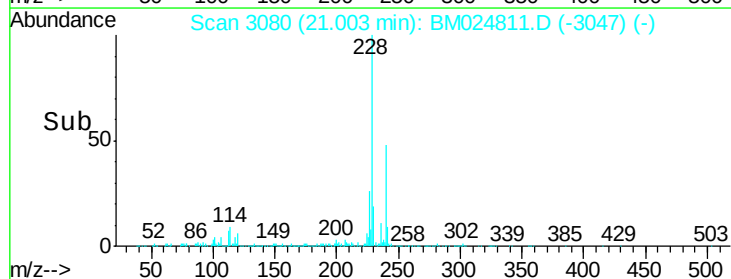
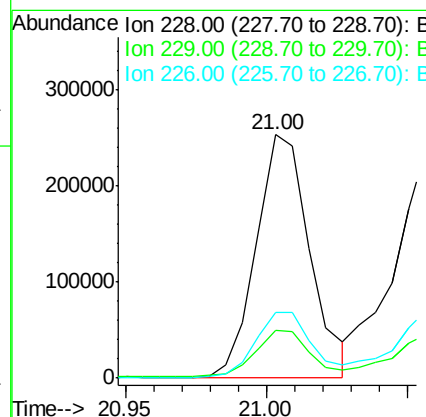
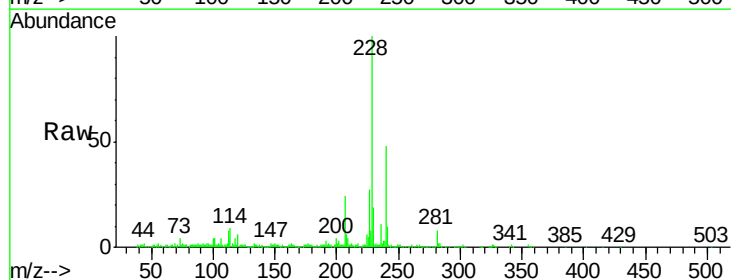
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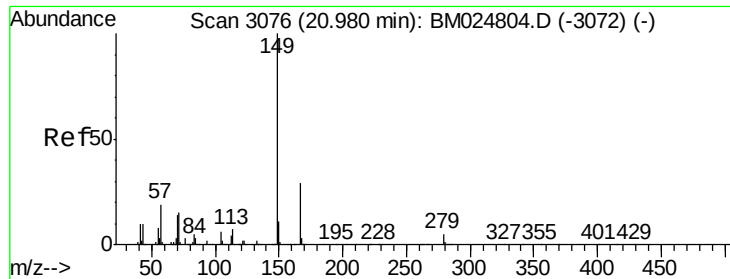
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#83
Benzo(a)anthracene
Concen: 3.534 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.5	15.9	23.9
226	26.7	20.8	31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.956 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024811.D

Acq: 10 Feb 2020 16:52

Instrument :

BNA_M

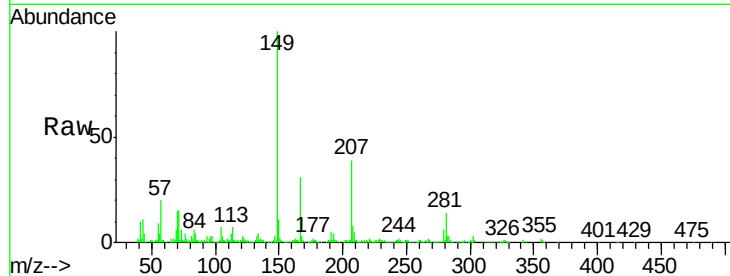
ClientSampleId :

CB6L4

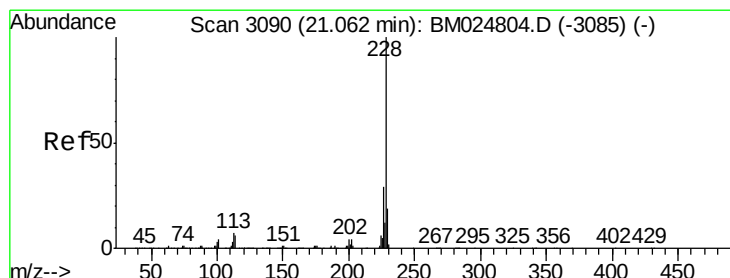
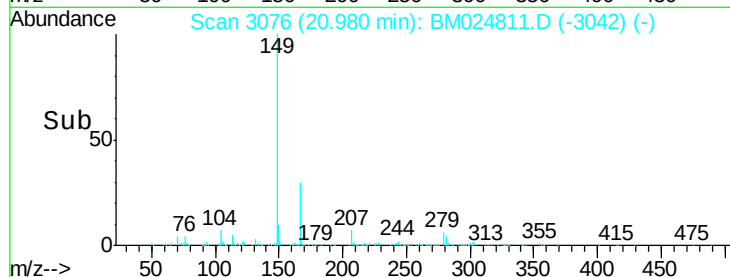
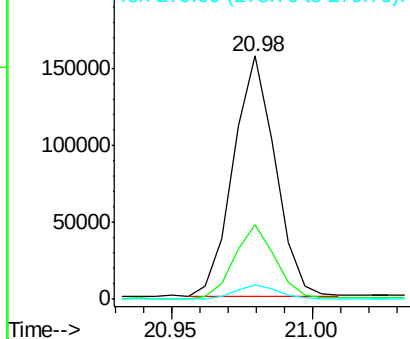
Tot Ion:	149	Resp:	162130
Ion Ratio		Lower	Upper
149	100		
167	30.8	23.4	35.2
279	6.1	4.7	7.1

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.526 ng/ul

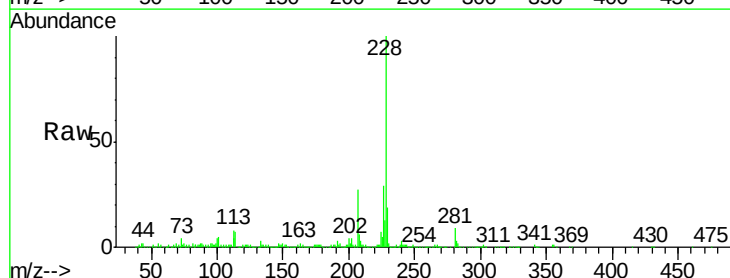
RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

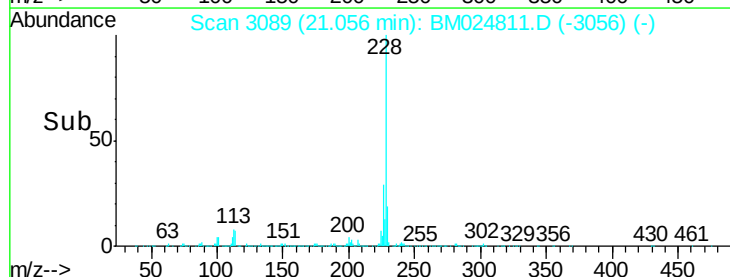
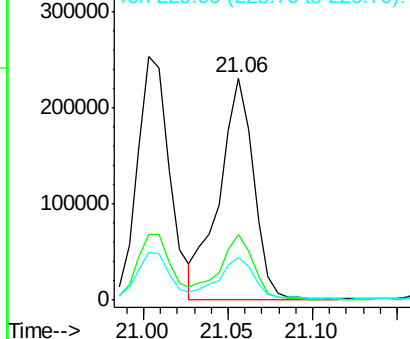
Lab File: BM024811.D

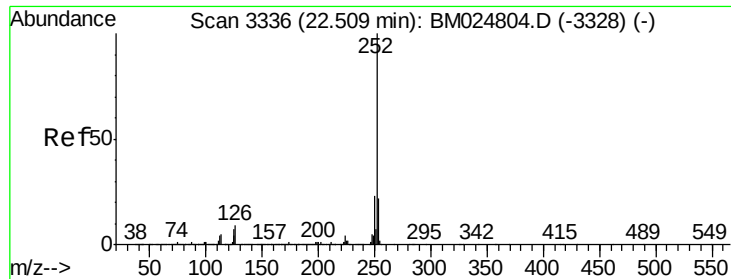
Acq: 10 Feb 2020 16:52

Tgt Ion:	228	Resp:	327271
Ion Ratio		Lower	Upper
228	100		
226	29.3	23.0	34.4
229	19.5	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





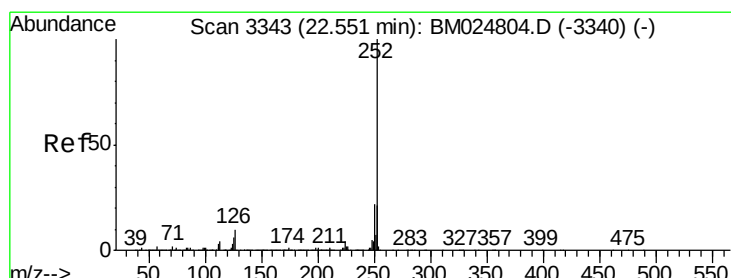
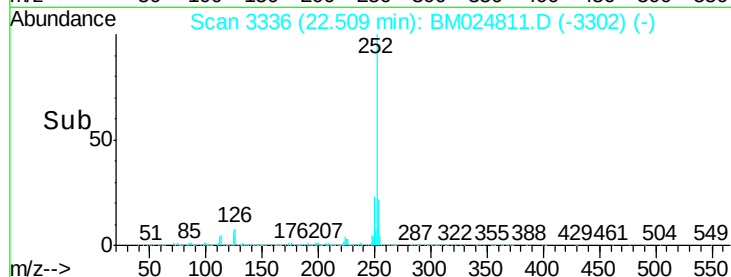
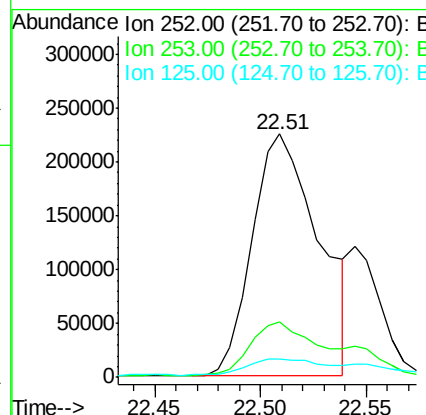
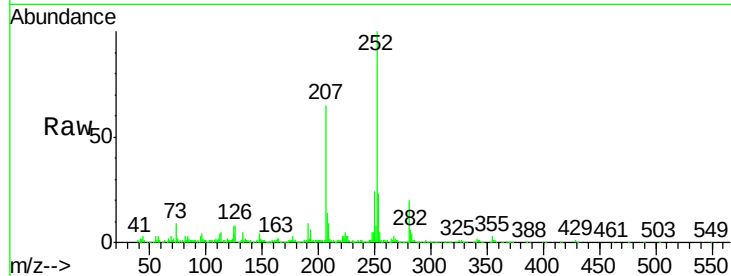
#88
Benzo(b)fluoranthene
Concen: 5.276 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Instrument :
BNA_M
ClientSampleId :
CB6L4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	7.6	5.1	7.7

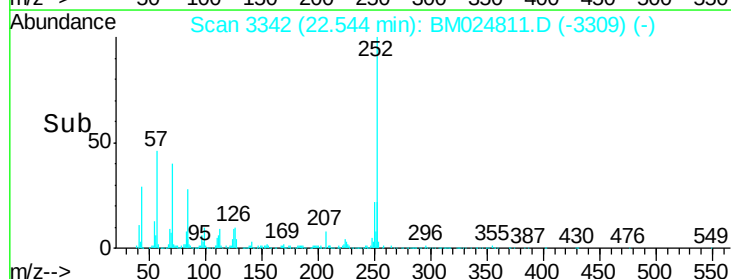
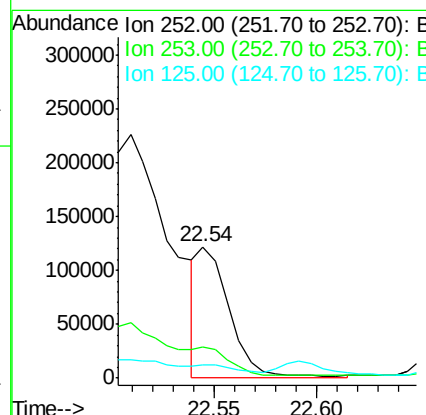
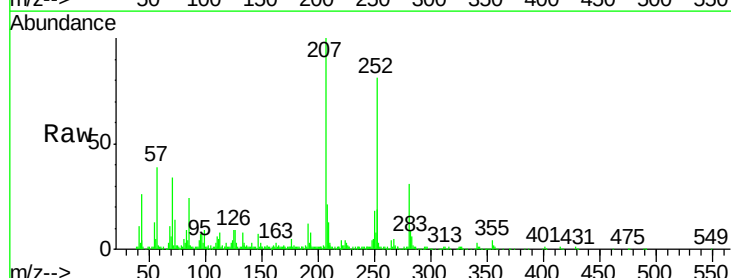
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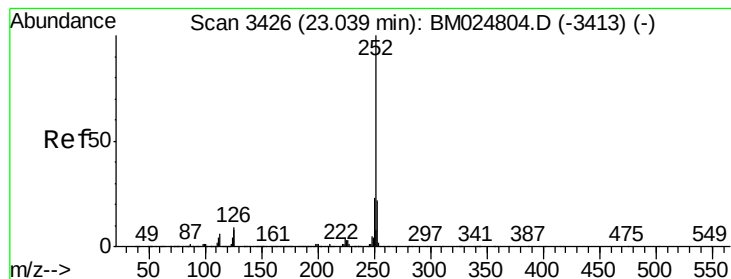
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#89
Benzo(k)fluoranthene
Concen: 1.490 ng/ul m
RT: 22.54 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BM024811.D
Acq: 10 Feb 2020 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.6	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 3.434 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024811.D

Acq: 10 Feb 2020 16:52

Instrument :

BNA_M

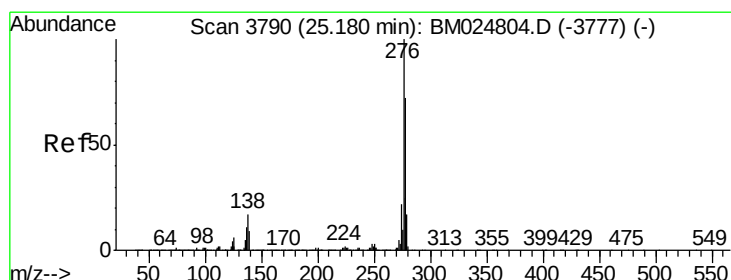
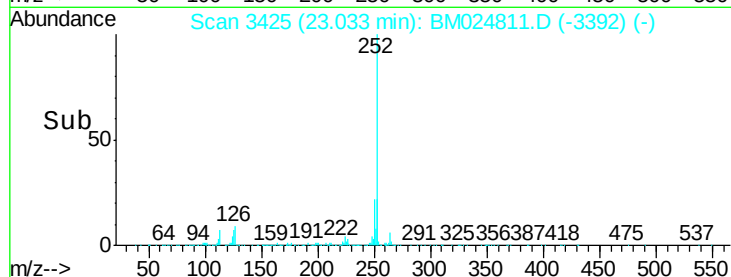
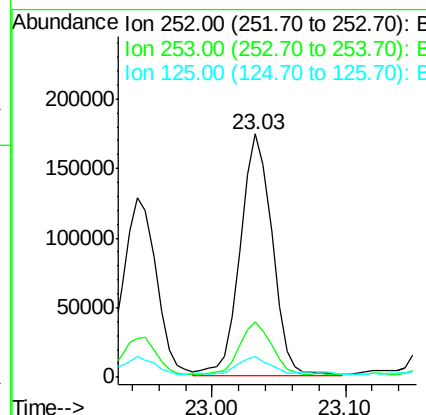
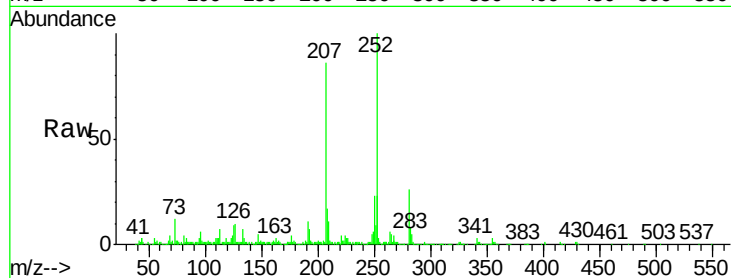
ClientSampled :

CB6L4

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.9	17.5	26.3	
125	8.6	5.6	8.4	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.071 ng/ul

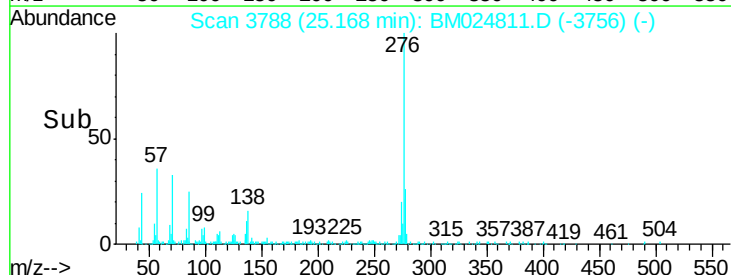
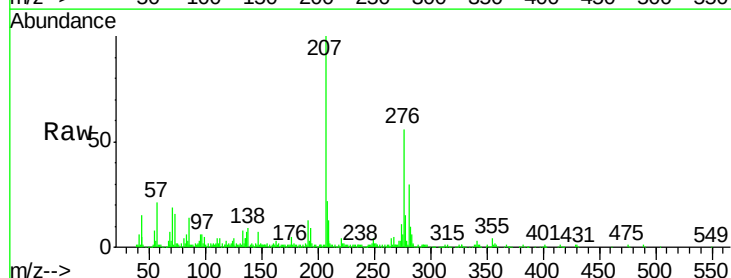
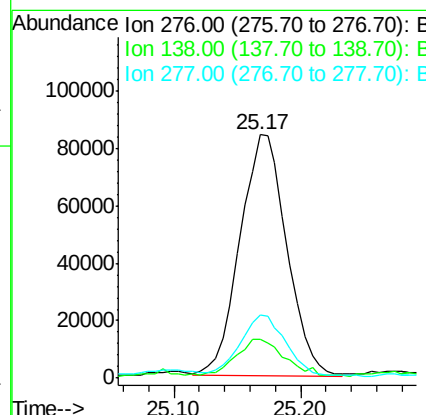
RT: 25.17 min Scan# 3788

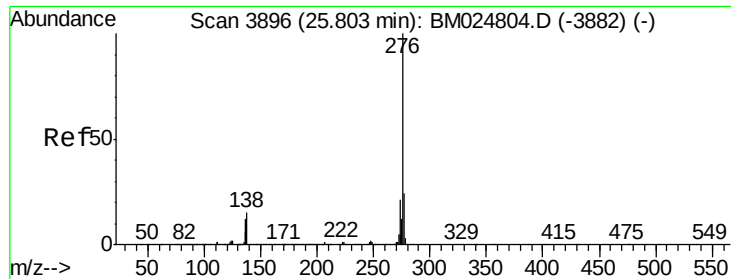
Delta R.T. -0.01 min

Lab File: BM024811.D

Acq: 10 Feb 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	15.7	12.8	19.2	
277	26.2	19.3	28.9	





#94

Benzo(a,h,i)perylene

Concen: 2.271 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM024811.D

Acq: 10 Feb 2020 16:52

Instrument :

BNA_M

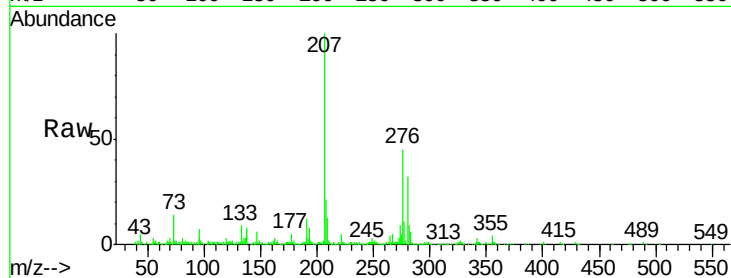
ClientSampleId :

CB6L4

Tot Ion:	276	Resp:	196144
Ion Ratio	Lower	Upper	
276	100		
138	17.1	11.8	17.6
277	24.0	19.0	28.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

