

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024735.D
 Acq On : 06 Feb 2020 19:38
 Operator : CG/JU
 Sample : L1398-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 CB6D5

Manual Integrations
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mohammad
 2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:22:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	211567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	833519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	582015	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1335389	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1474123	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1684529	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	19537	4.44	ng/uL	0.00
5) Phenol-d5	6.60	99	319410	22.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	193165	24.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	297981	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	266981	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	148383	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	176030	24.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	323261	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	386823	28.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1131474	25.75	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1289341	25.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	145911	20.44	ng/ul	0.00
58) Fluorene-d10	15.07	176	993835	25.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	182824	21.00	ng/ul	0.00
71) Anthracene-d10	16.92	188	1584297	25.99	ng/ul	0.00
79) Pyrene-d10	19.22	212	2000601	27.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2339367	27.65	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.22	128	75186	1.765	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	32742	1.044	ng/ul	91
50) Acenaphthene	14.13	153	58633	1.634	ng/ul	96
54) Dibenzofuran	14.47	168	73469	1.373	ng/ul	95
59) Fluorene	15.12	166	62862	1.426	ng/ul	99
70) Phenanthrene	16.86	178	945631	12.987	ng/ul	99
72) Anthracene	16.94	178	194123	2.629	ng/ul	99
75) Carbazole	17.23	167	72696	1.182	ng/ul	97
77) Fluoranthene	18.89	202	1224140	13.695	ng/ul	99
80) Pyrene	19.25	202	1049170	10.752	ng/ul	99
83) Benzo(a)anthracene	21.01	228	597662	6.019	ng/ul	99
85) Chrysene	21.06	228	584012	5.974	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	725572	6.774	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	255009m	2.473	ng/ul	
91) Benzo(a)pyrene	23.04	252	487524	5.077	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	324236	2.712	ng/ul	97
94) Benzo(g,h,i)perylene	25.81	276	299540	3.012	ng/ul	98

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

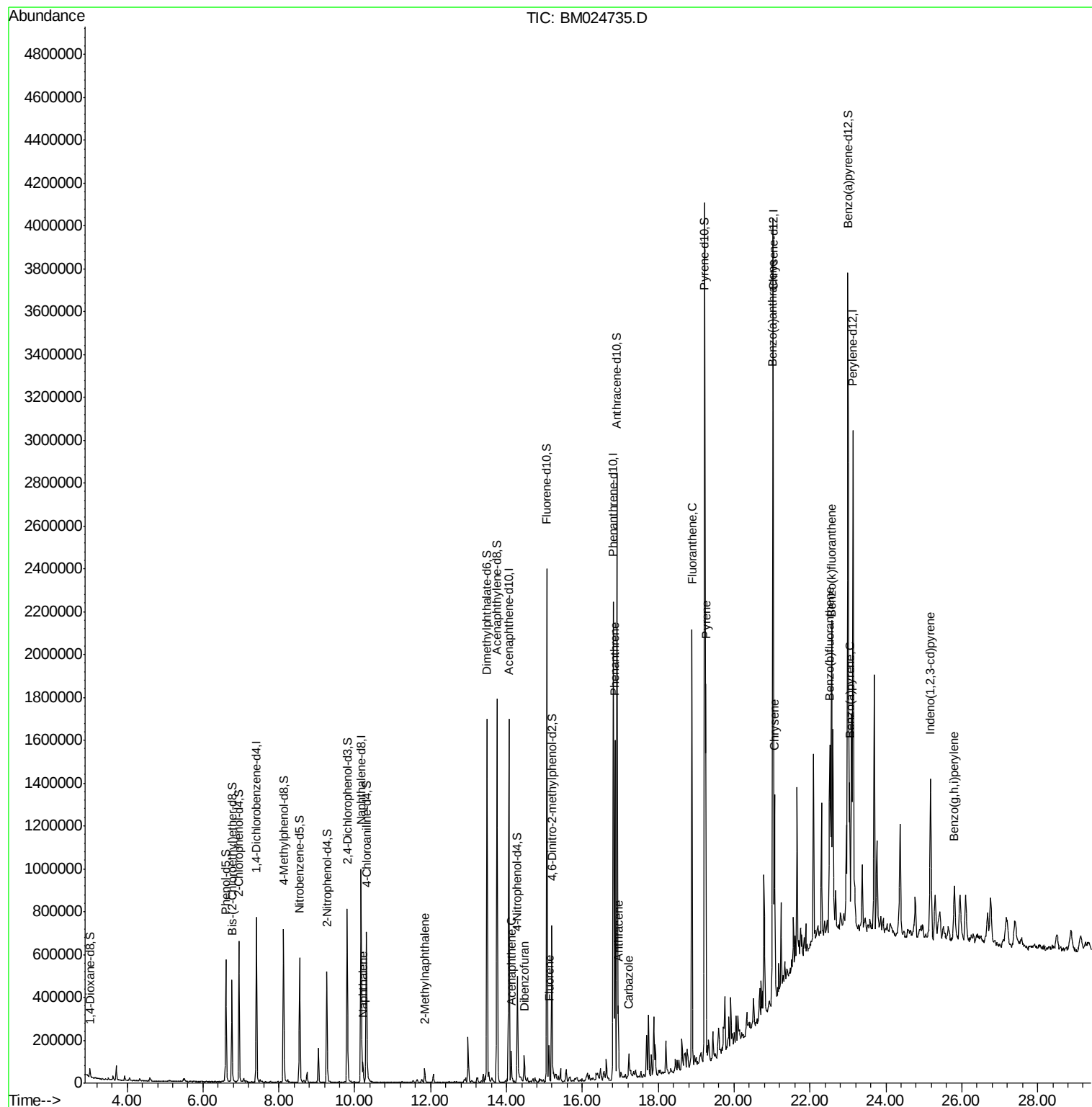
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024735.D
Acq On : 06 Feb 2020 19:38
Operator : CG/JU
Sample : L1398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

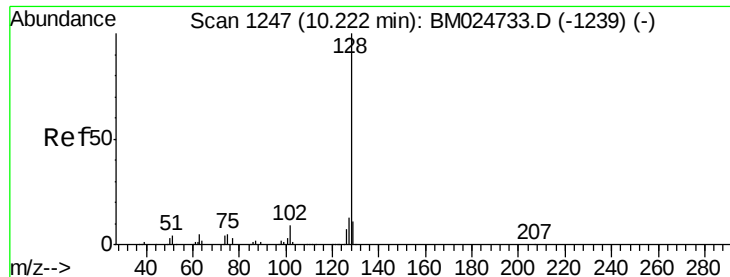
Instrument :
BNA_M
ClientSampleID :
CB6D5

Quant Time: Feb 06 21:22:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

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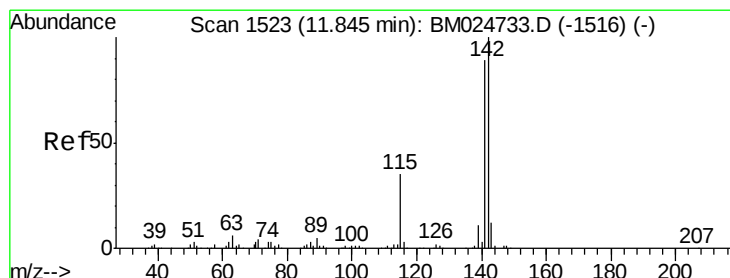
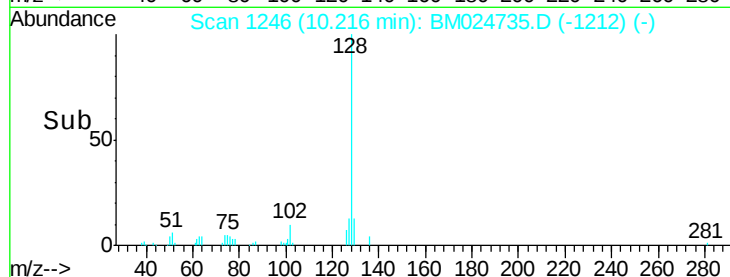
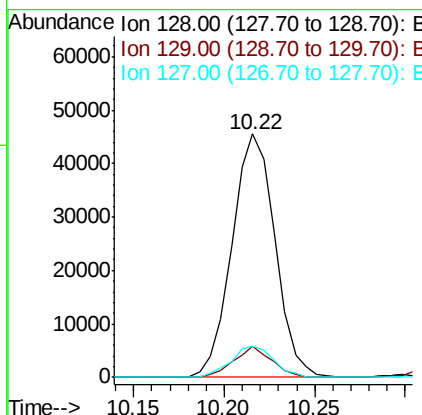
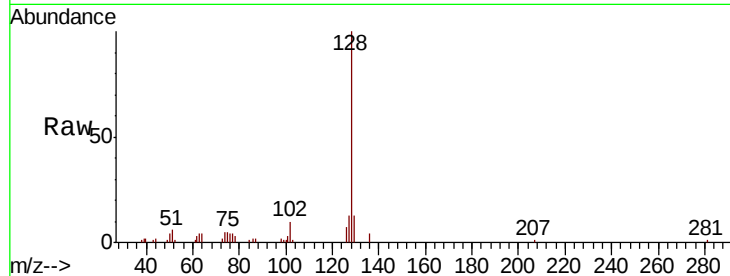
#28
Naphthalene
Concen: 1.765 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Instrument :
BNA_M
ClientSampleId :
CB6D5

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.1	13.7
127	12.7	10.4	15.6

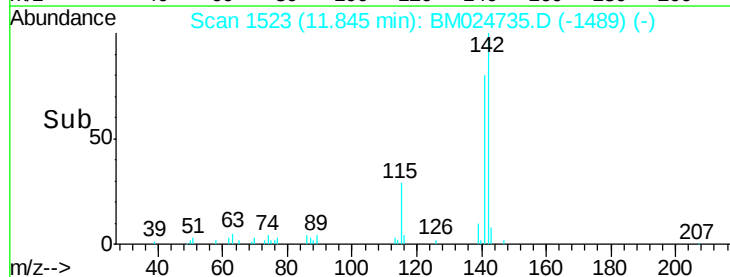
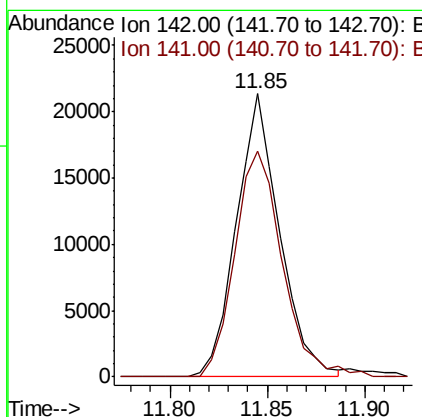
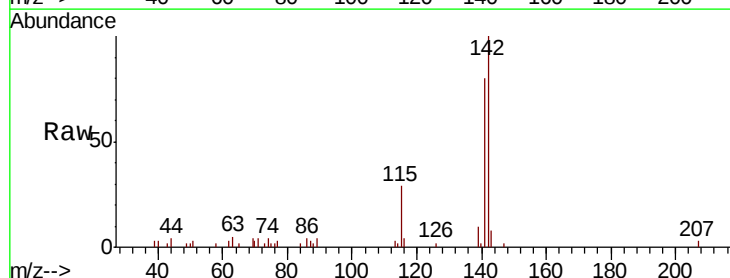
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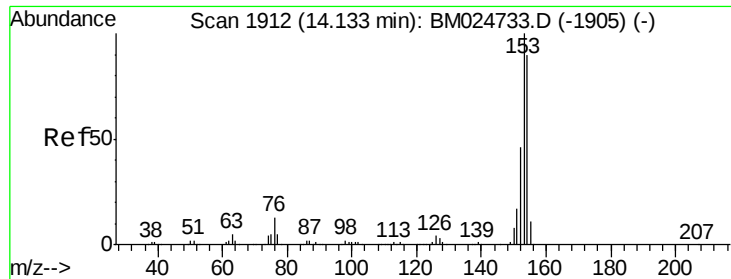
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#34
2-Methylnaphthalene
Concen: 1.044 ng/ul
RT: 11.85 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.0	70.5	105.7





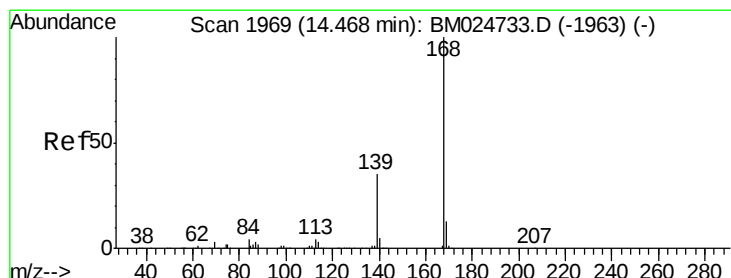
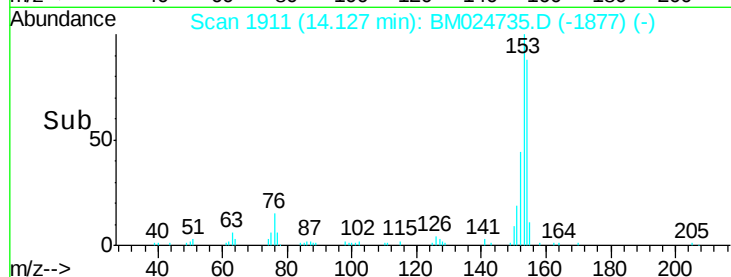
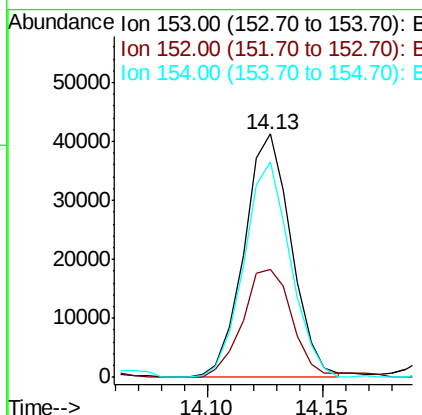
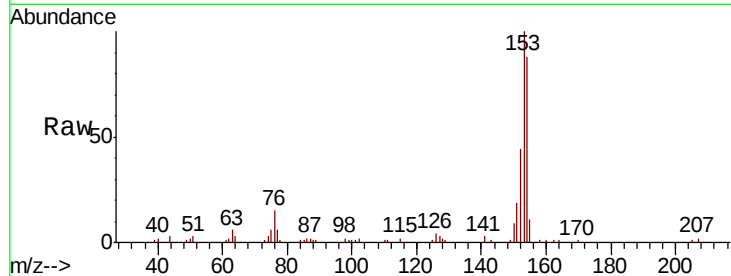
#50
Acenaphthene
Concen: 1.634 ng/ul
RT: 14.13 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Instrument :
BNA_M
ClientSampled :
CB6D5

Tot Ion	Ratio	Lower	Upper
153	100		
152	44.2	37.3	55.9
154	88.3	74.1	111.1

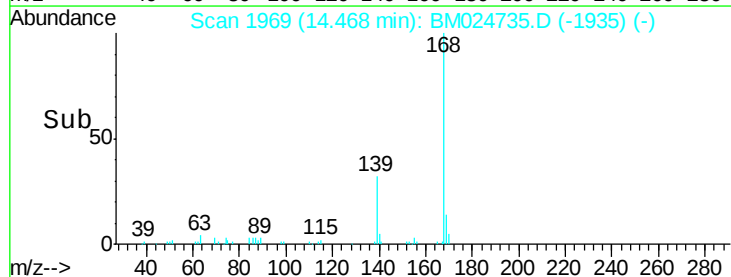
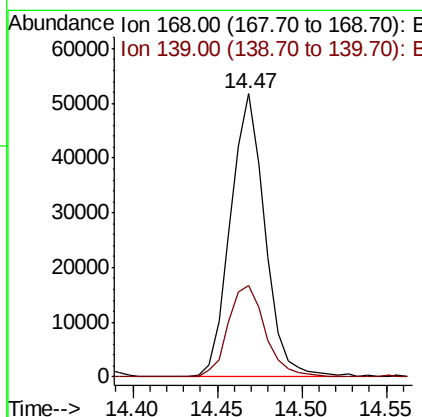
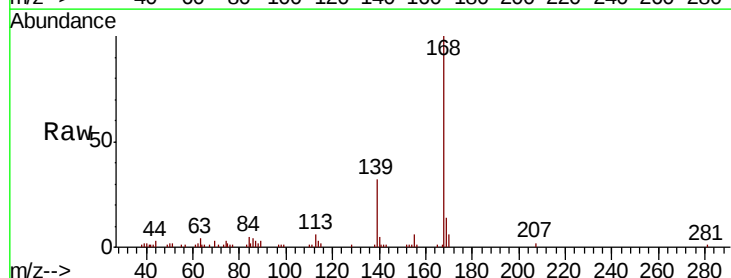
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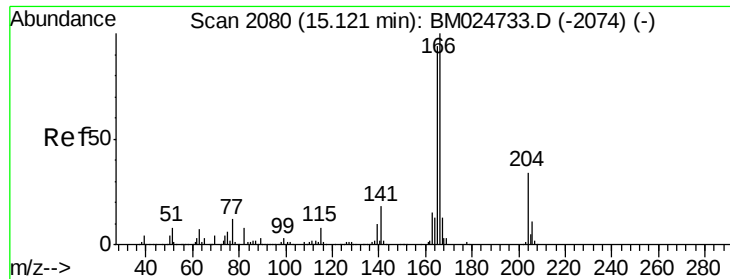
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#54
Dibenzofuran
Concen: 1.373 ng/ul
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.2	27.8	41.8





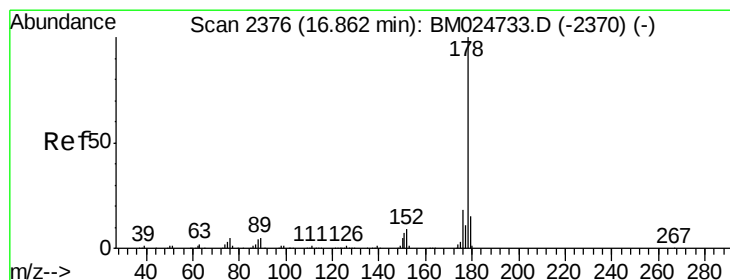
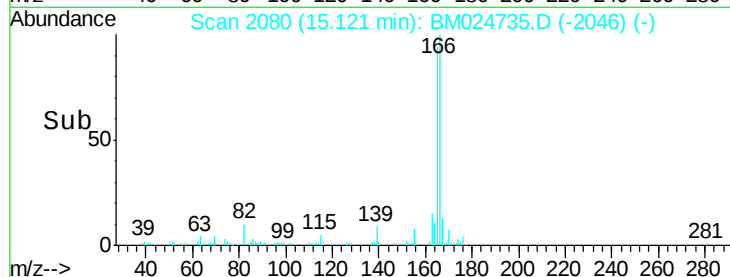
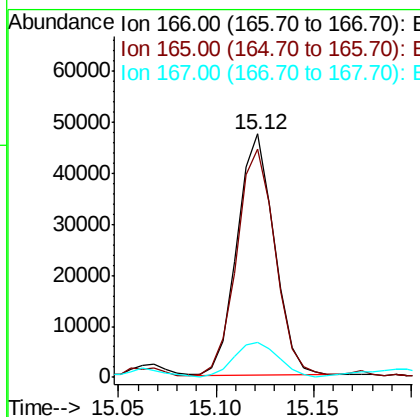
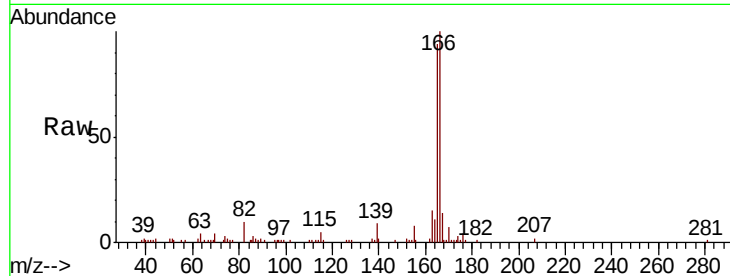
#59
Fluorene
 Concen: 1.426 ng/ul
 RT: 15.12 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BM024735.D
 Acq: 06 Feb 2020 19:38

Instrument :
 BNA_M
 ClientSampleId :
 CB6D5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		62862		
165	93.9	75.8	113.8		
167	14.5	10.6	16.0		

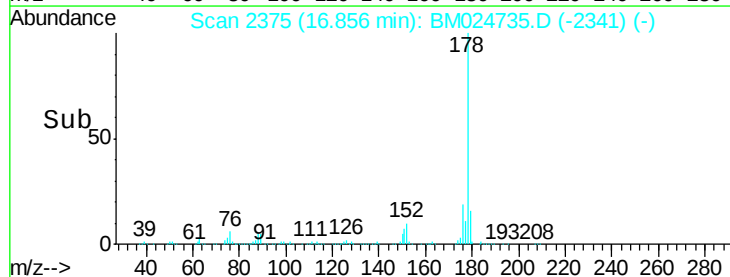
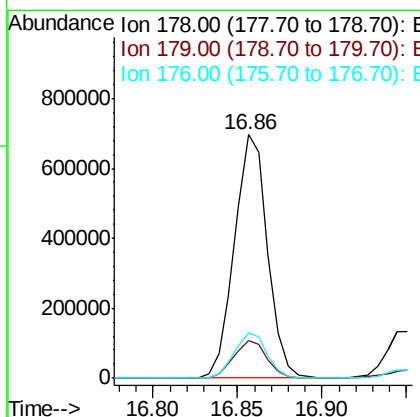
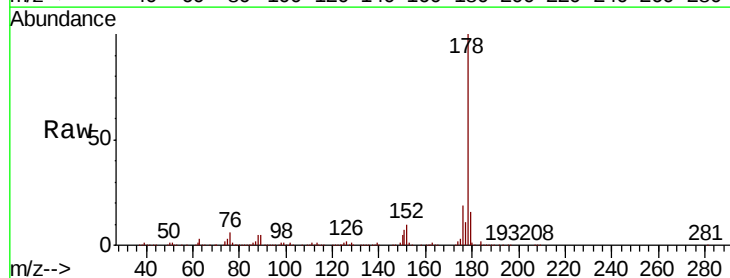
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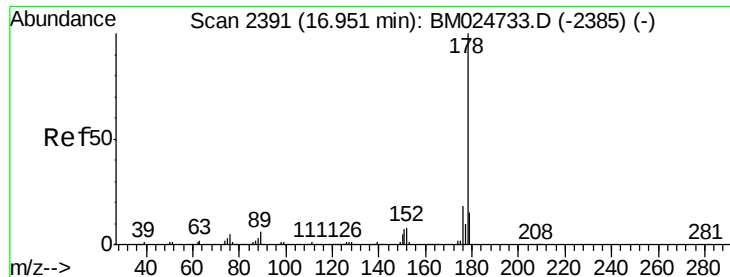
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#70
Phenanthrene
 Concen: 12.987 ng/ul
 RT: 16.86 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BM024735.D
 Acq: 06 Feb 2020 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		945631		
179	15.7	12.2	18.2		
176	18.6	14.5	21.7		





#72

Anthracene

Concen: 2.629 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024735.D

Acq: 06 Feb 2020 19:38

Instrument :

BNA_M

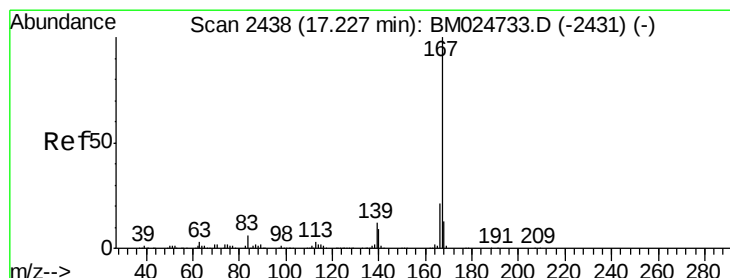
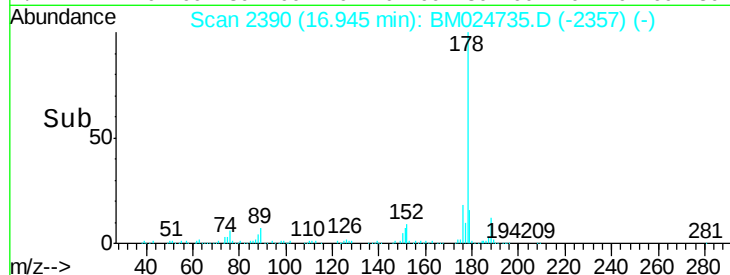
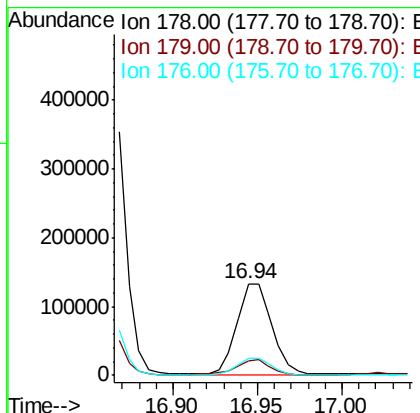
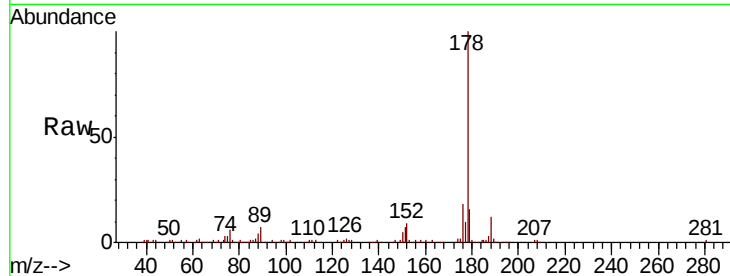
ClientSampleId :

CB6D5

Tot Ion:	178	Resp:	194123
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.3	14.1	21.1

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#75

Carbazole

Concen: 1.182 ng/ul

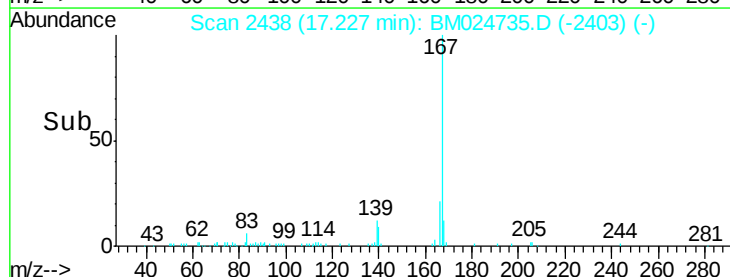
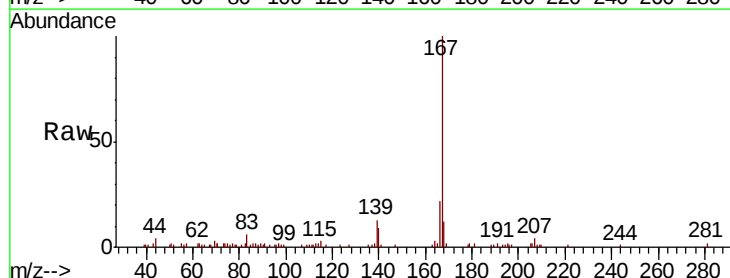
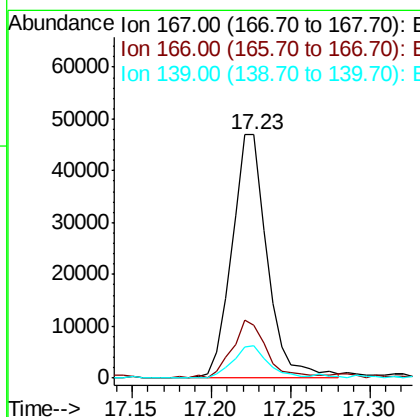
RT: 17.23 min Scan# 2438

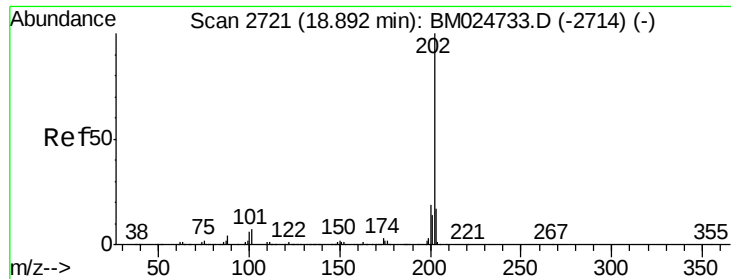
Delta R.T. 0.01 min

Lab File: BM024735.D

Acq: 06 Feb 2020 19:38

Tgt Ion:	167	Resp:	72696
Ion Ratio	Lower	Upper	
167	100		
166	21.9	16.6	24.8
139	13.2	9.3	13.9





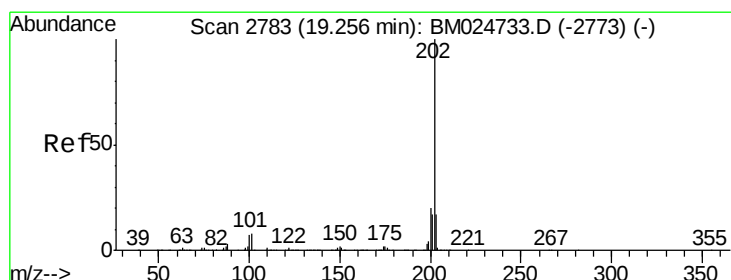
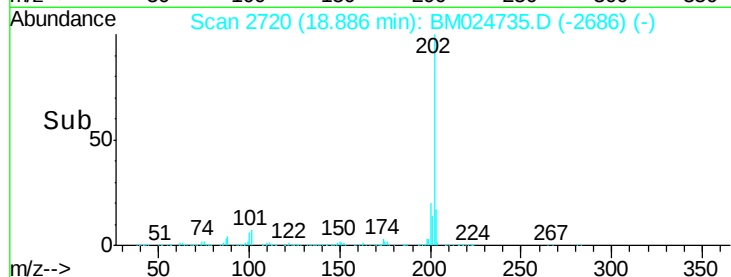
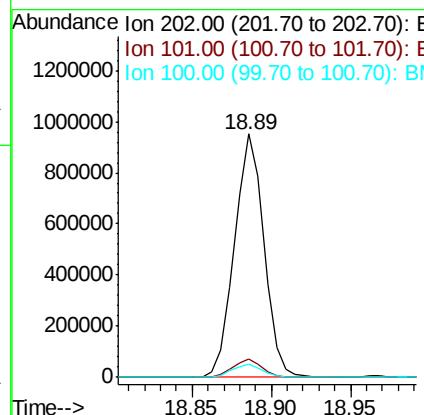
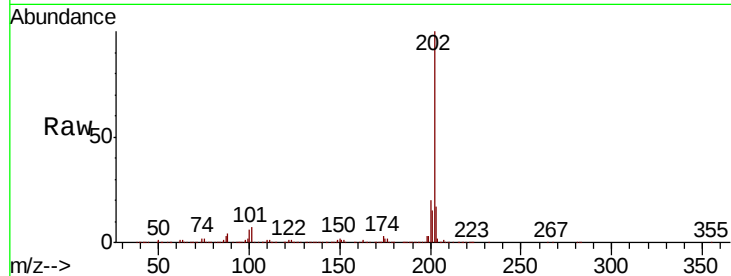
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Fluoranthene
 Concen: 13.695 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024735.D
 Acq: 06 Feb 2020 19:38

Instrument :
 BNA_M
 ClientSampleId :
 CB6D5

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.1	9.1
100	5.7	4.8	7.2

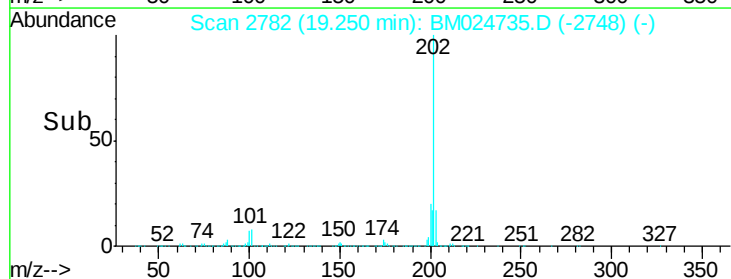
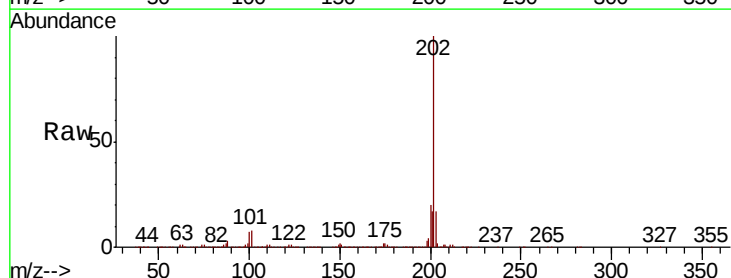
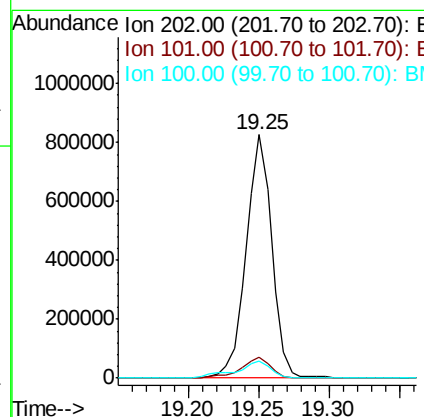
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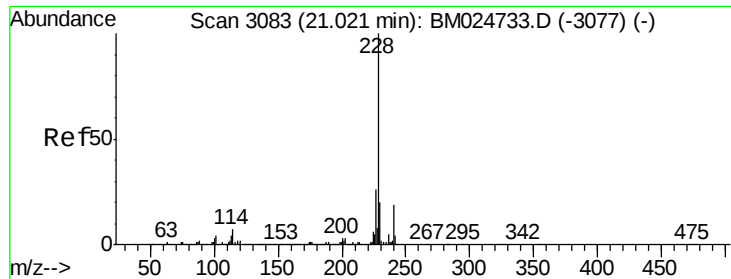
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#80
Pyrene
 Concen: 10.752 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024735.D
 Acq: 06 Feb 2020 19:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	7.1	5.8	8.8





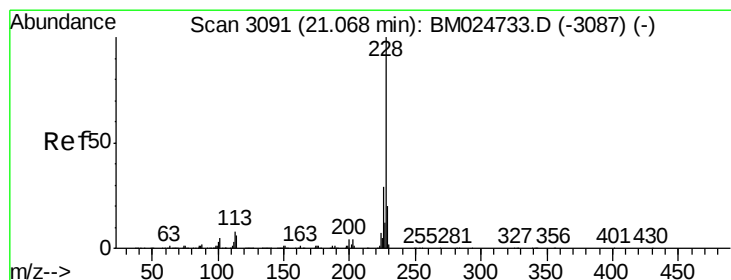
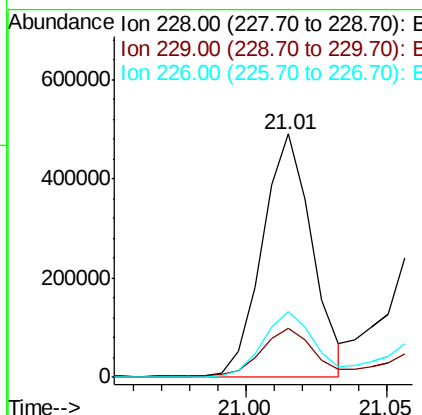
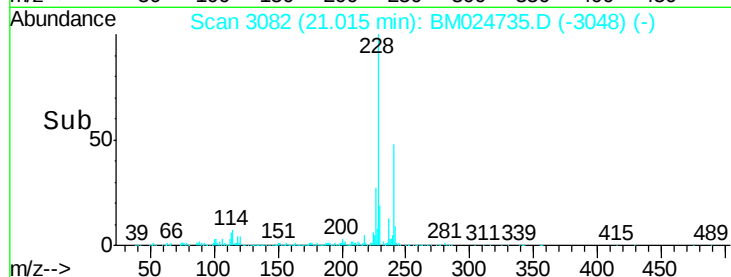
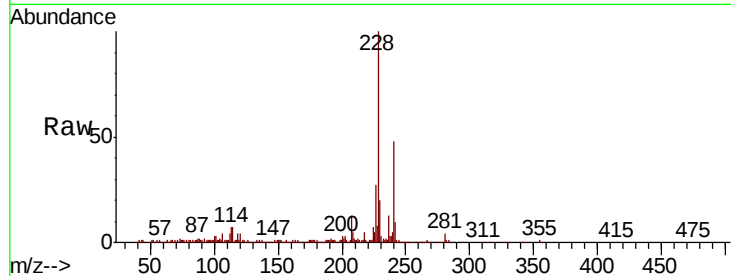
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Benzo(a)anthracene
Concen: 6.019 ng/ul
RT: 21.01 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Instrument :
BNA_M
ClientSampleId :
CB6D5

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.8	20.8	31.2

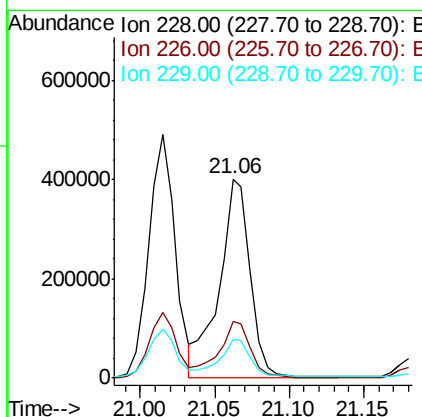
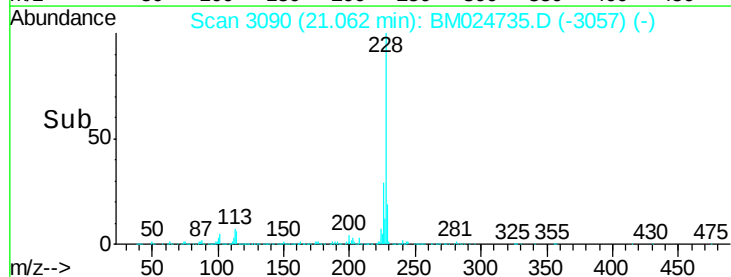
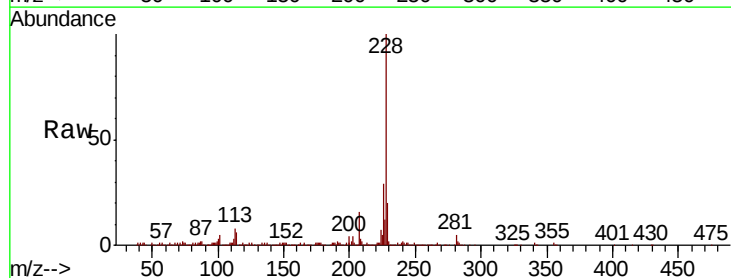
Manual Integrations
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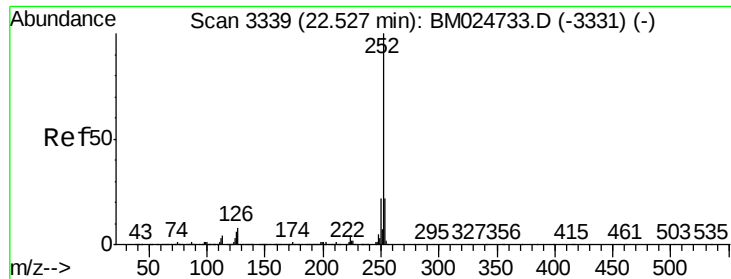
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#85
Chrysene
Concen: 5.974 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.5	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 6.774 ng/uI

RT: 22.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BM024735.D

Acq: 06 Feb 2020 19:38

Instrument :

BNA_M

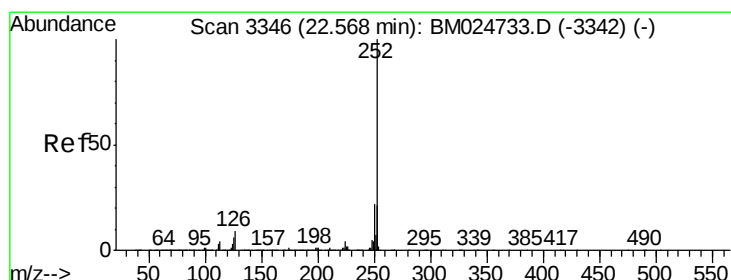
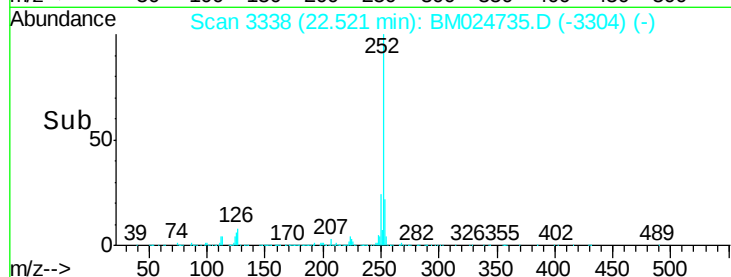
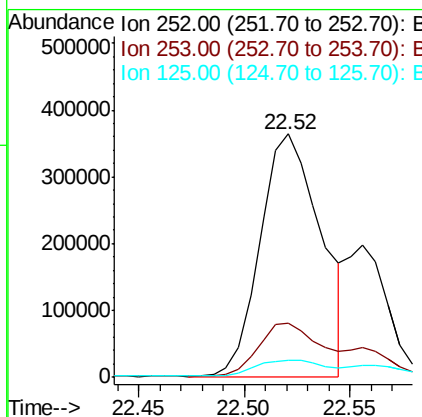
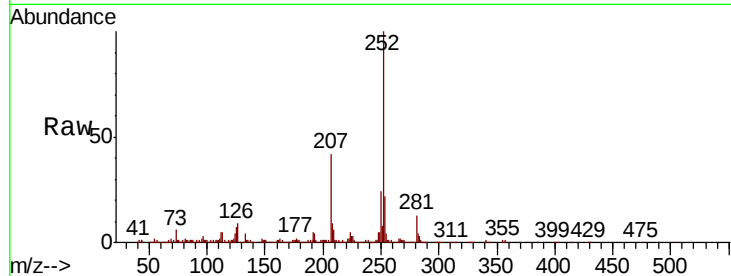
ClientSampleId :

CB6D5

Tot Ion:	252	Resp:	725572
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	7.0	5.1	7.7

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#89

Benzo(k)fluoranthene

Concen: 2.473 ng/uI m

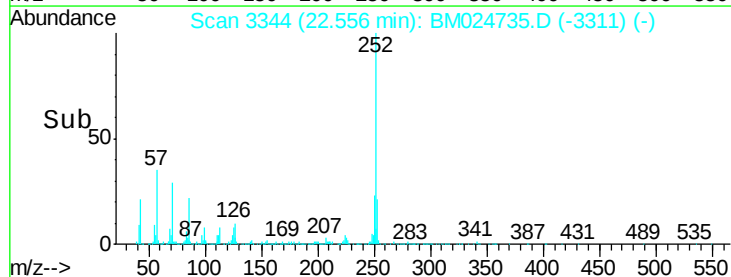
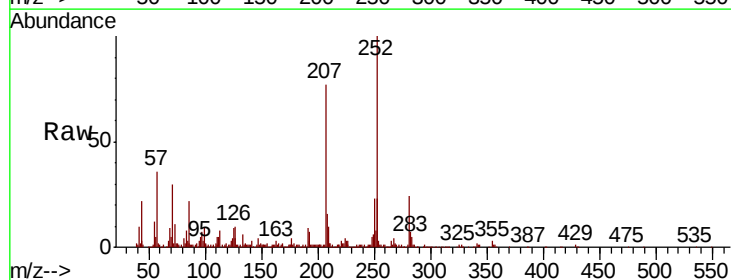
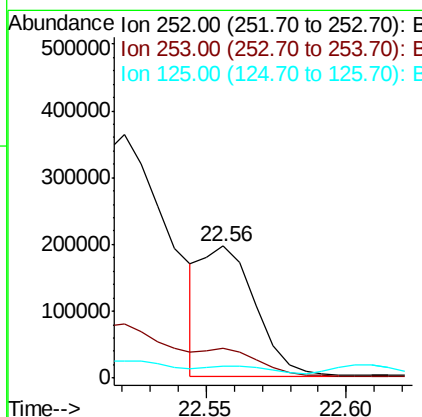
RT: 22.56 min Scan# 3344

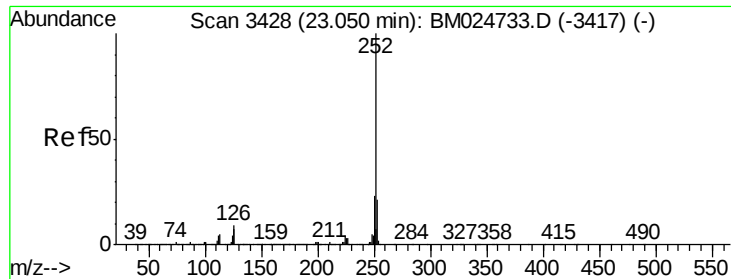
Delta R.T. -0.01 min

Lab File: BM024735.D

Acq: 06 Feb 2020 19:38

Tgt Ion:	252	Resp:	255009
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	8.9	5.1	7.7#





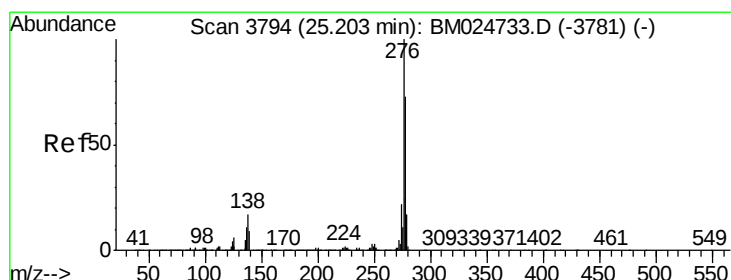
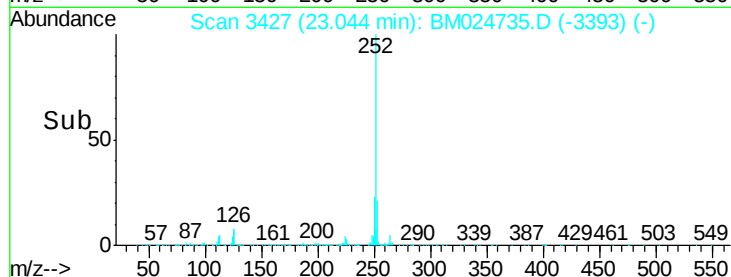
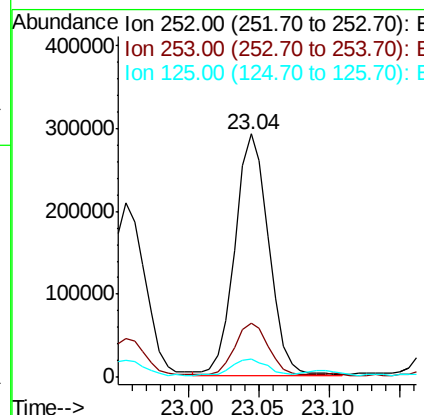
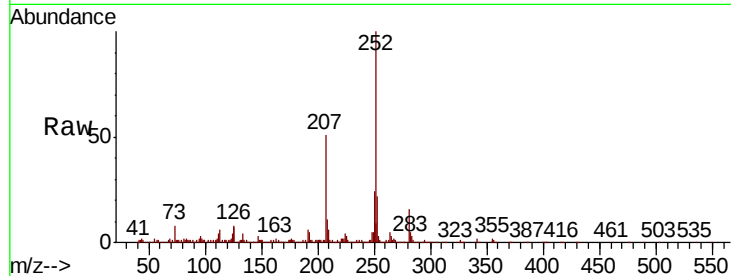
#91
Benzo(a)pyrene
Concen: 5.077 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Instrument :
BNA_M
ClientSampleId :
CB6D5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.5	5.6	8.4

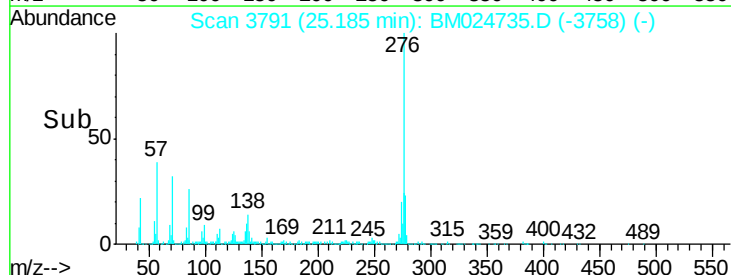
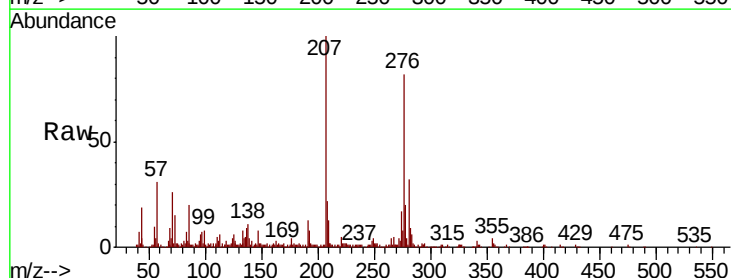
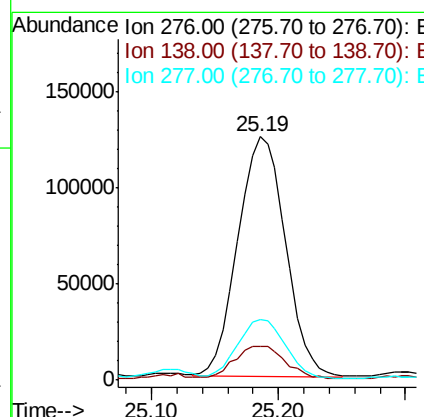
Manual Integrations
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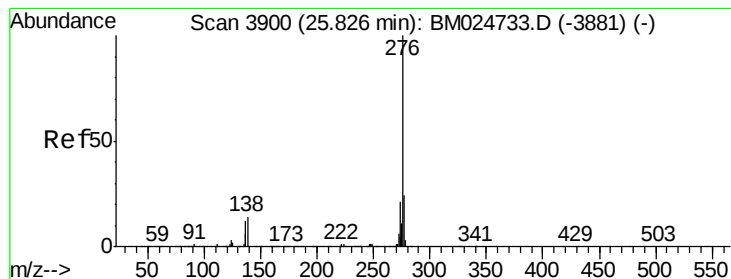
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.712 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024735.D
Acq: 06 Feb 2020 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.8	19.2
277	24.7	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 3.012 ng/ul

RT: 25.81 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BM024735.D

Acq: 06 Feb 2020 19:38

Instrument :

BNA_M

ClientSampleId :

CB6D5

Tot Ion:	276	Resp:	299540
Ion Ratio	Lower	Upper	
276	100		
138	14.3	11.8	17.6
277	22.1	19.0	28.6

Manual Integrations
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