

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005430.D
 Acq On : 02 May 2019 23:38
 Operator : JU/SJ
 Sample : K2455-22MEDL 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Manual Integrations
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Quant Time: May 03 04:46:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	275425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1147746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	714825	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1571712	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1541474	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1670590	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1617	0.28	ng/uL	0.00
5) Phenol-d5	6.78	99	20654	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	16139	1.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18687	1.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	8595	0.51	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	10903	1.54	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	10479	1.46	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	15177	0.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	15689	0.93	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	74675	1.44	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	91419	1.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	4096m	0.50	ng/ul	0.08
57) Fluorene-d10	15.22	176	69175	1.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	2534	0.36	ng/ul	0.02
70) Anthracene-d10	17.08	188	108923	1.65	ng/ul	0.00
78) Pyrene-d10	19.39	212	113618	1.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	110984	1.52	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.40	128	2937050	55.045	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	1429210	36.582	ng/ul 99
40) 1,1'-Biphenyl	13.05	154	98399	1.847	ng/ul# 96
47) Acenaphthylene	13.95	152	273210	4.362	ng/ul 97
58) Fluorene	15.28	166	198620	4.135	ng/ul 95
69) Phenanthrene	17.02	178	880370	11.501	ng/ul 100
71) Anthracene	17.12	178	160928	2.064	ng/ul 97
76) Fluoranthene	19.06	202	197877m	2.331	ng/ul
79) Pvrene	19.42	202	310552	3.129	ng/ul 96
82) Benzo(a)anthracene	21.20	228	109658	1.144	ng/ul 93
84) Chrysene	21.25	228	100255	1.126	ng/ul 99

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

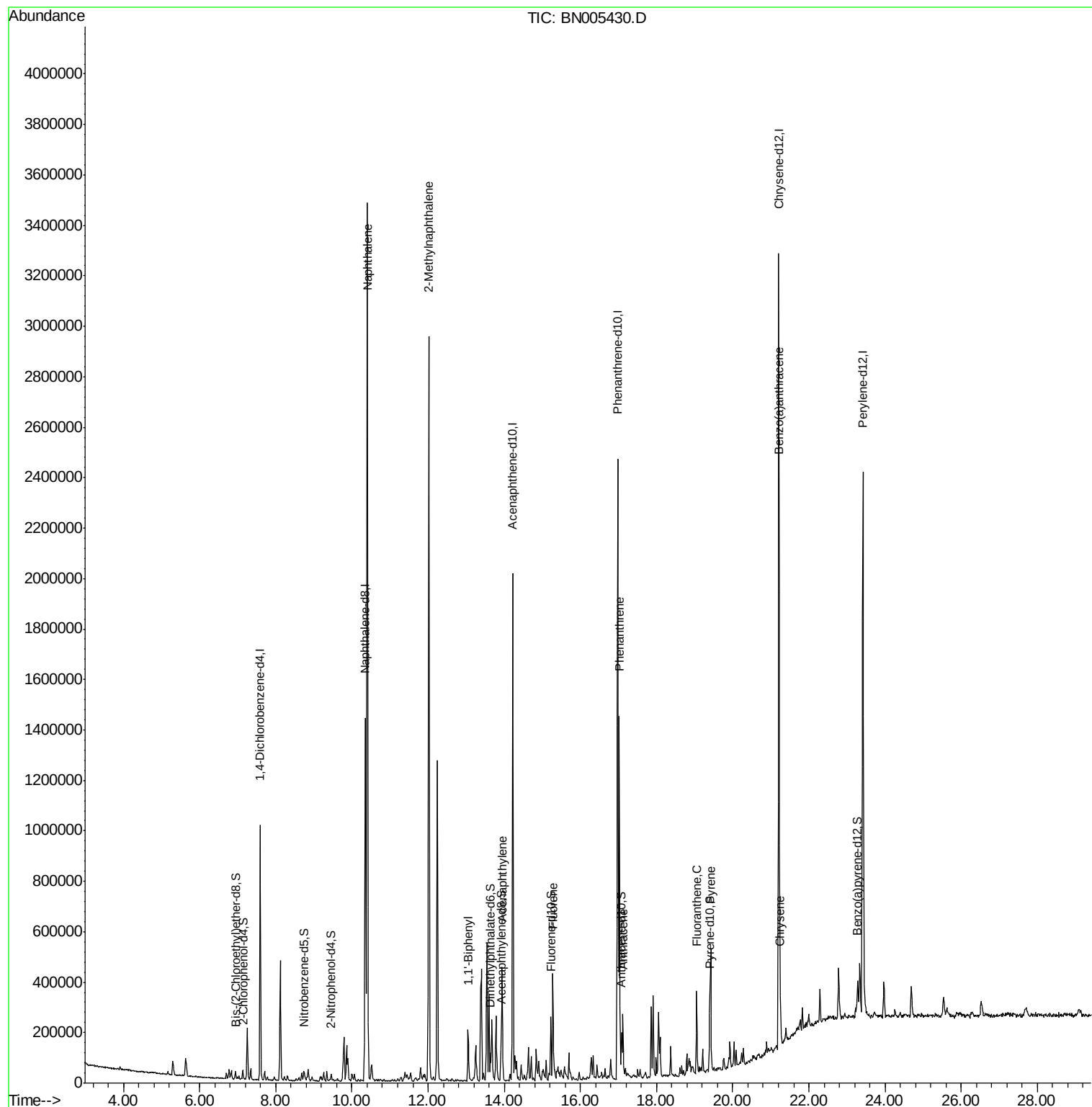
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005430.D
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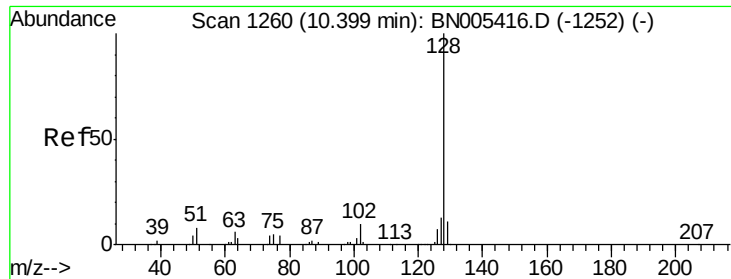
Instrument :
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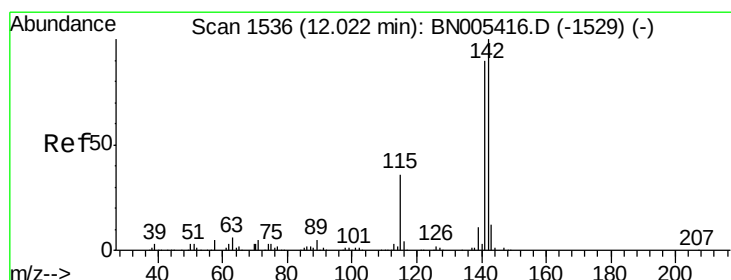
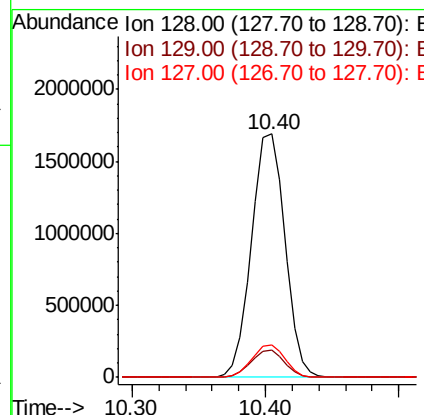
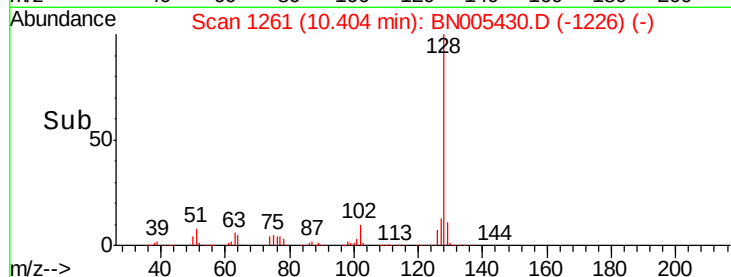
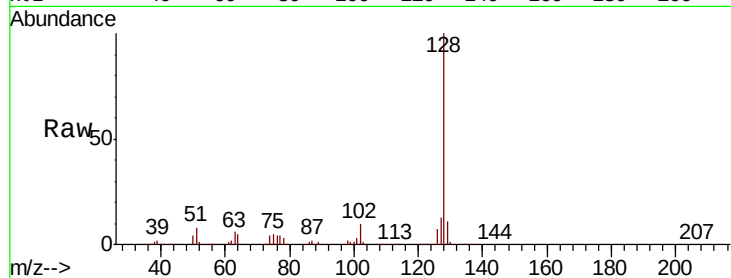
#28
Naphthalene
Concen: 55.045 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005430.D
Acq: 02 May 2019 23:38

Instrument :
BNA_N
ClientSampleId :
GAHS2MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.4	10.7	16.1

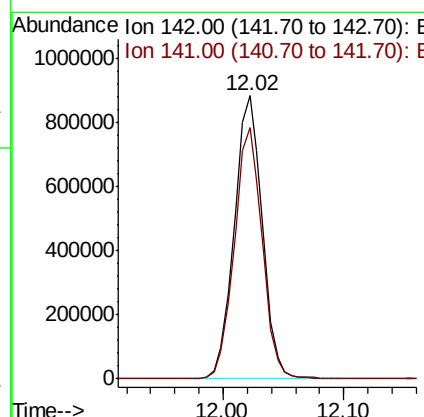
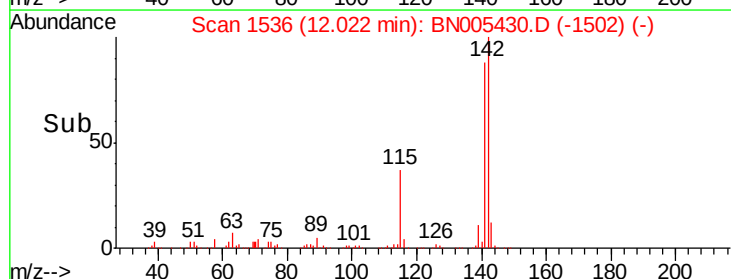
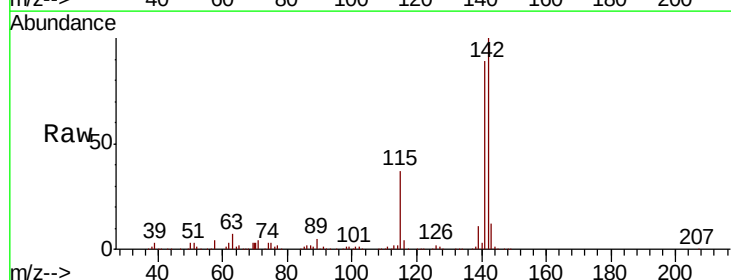
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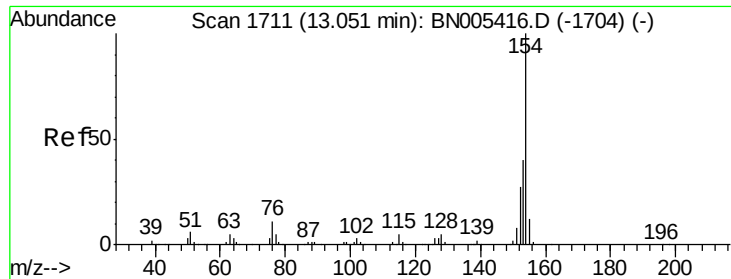
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#34
2-Methylnaphthalene
Concen: 36.582 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BN005430.D
Acq: 02 May 2019 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.0	108.0





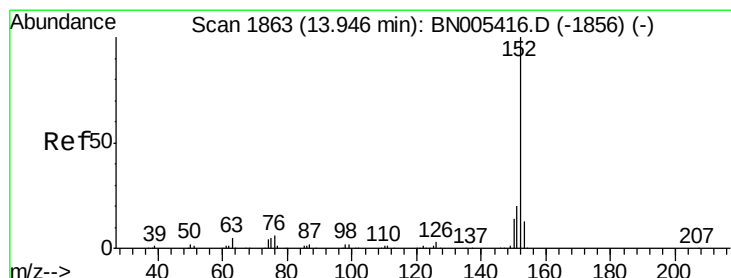
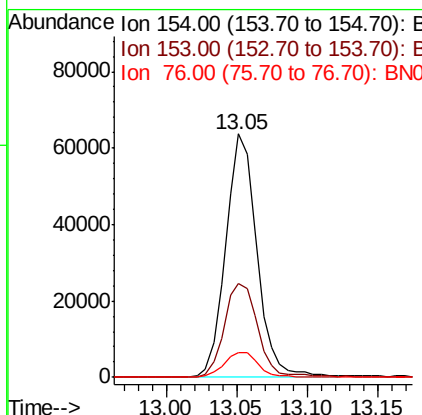
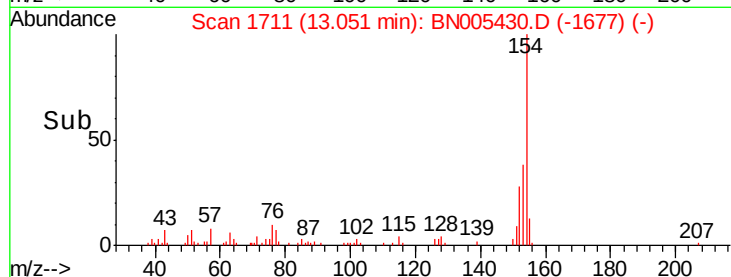
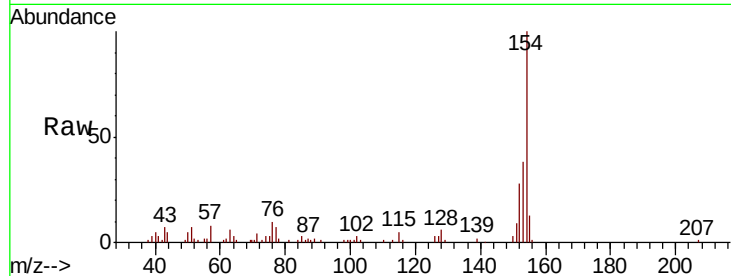
#40
 1,1'-Biphenyl
 Concen: 1.847 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BN005430.D
 Acq: 02 May 2019 23:38

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Tot Ion:	154	Resp:	98399
Ion Ratio	Lower	Upper	
154	100		
153	38.4	32.6	49.0
76	10.4	10.4	15.6#

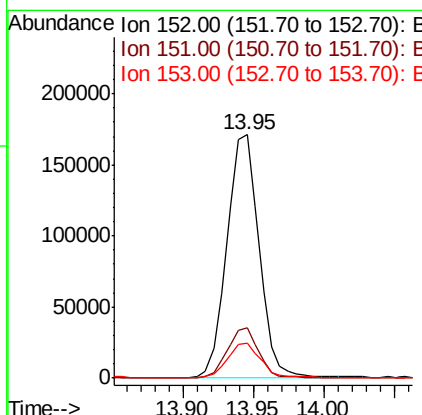
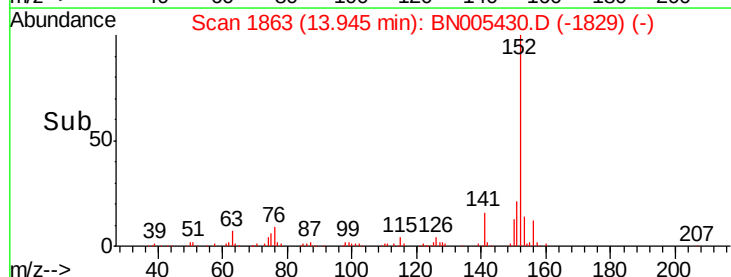
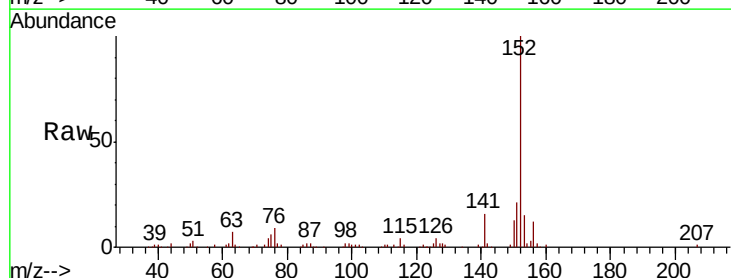
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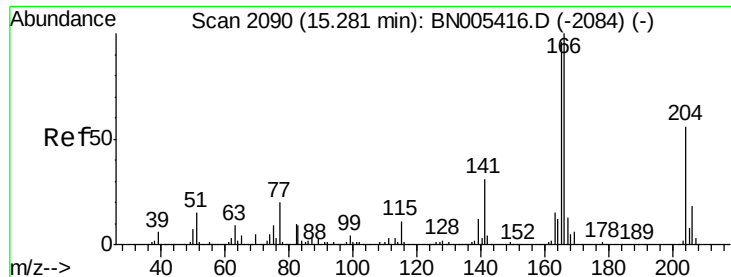
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#47
 Acenaphthylene
 Concen: 4.362 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BN005430.D
 Acq: 02 May 2019 23:38

Tgt Ion:	152	Resp:	273210
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	14.5	9.8	14.8





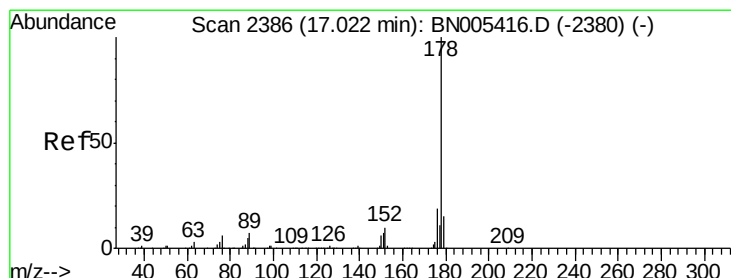
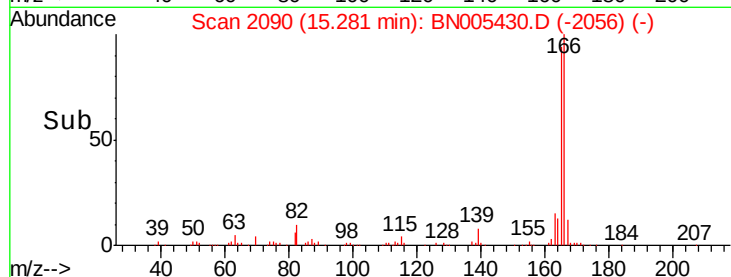
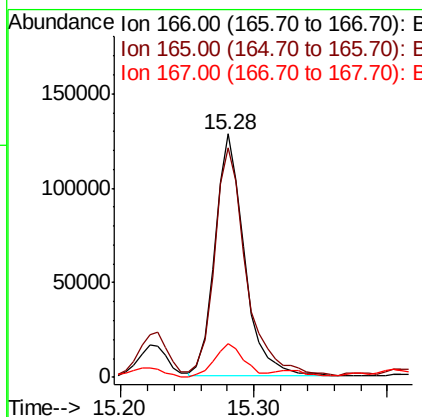
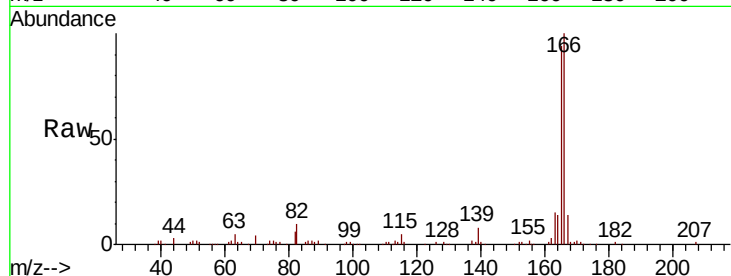
#58
 Fluorene
 Concen: 4.135 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BN005430.D
 Acq: 02 May 2019 23:38

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	198620		
165	94.4	80.0	120.0	
167	13.8	10.7	16.1	

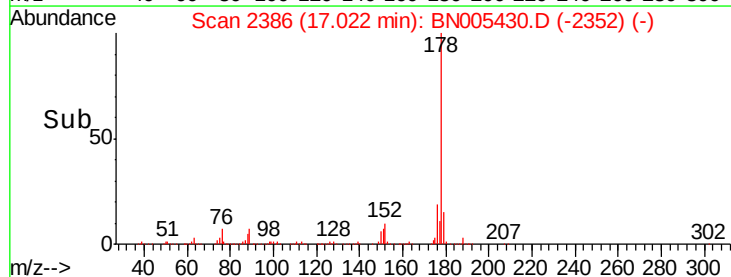
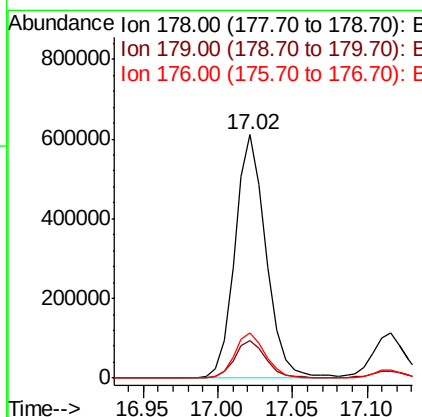
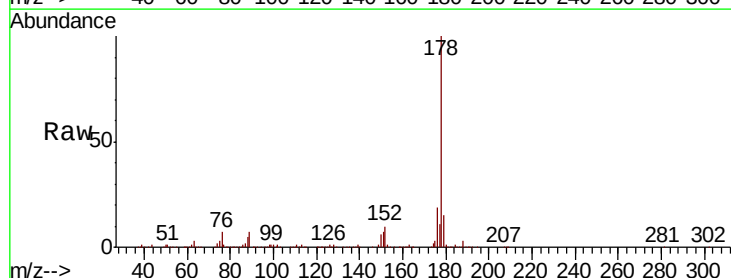
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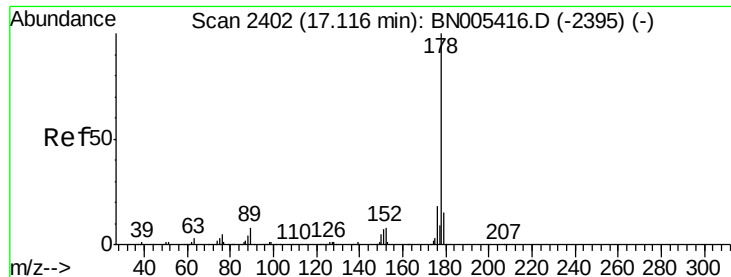
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#69
 Phenanthrene
 Concen: 11.501 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BN005430.D
 Acq: 02 May 2019 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	880370		
179	15.2	12.2	18.4	
176	18.8	15.1	22.7	





#71

Anthracene

Concen: 2.064 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BN005430.D

Acq: 02 May 2019 23:38

Instrument :

BNA_N

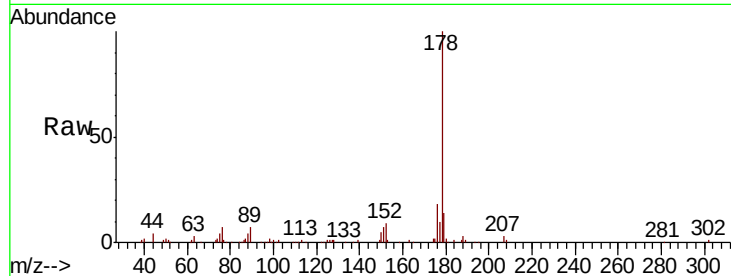
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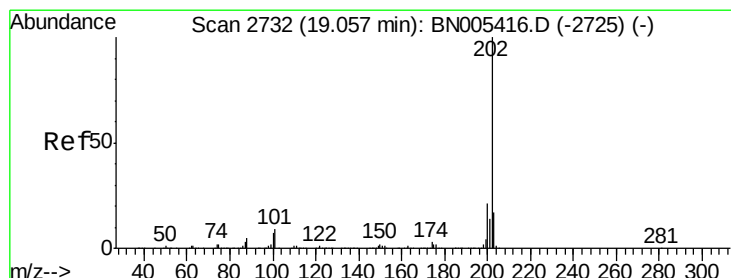
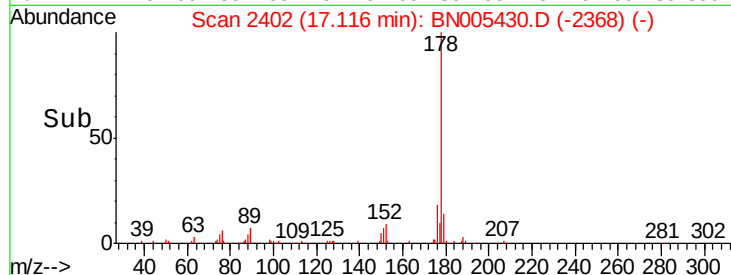
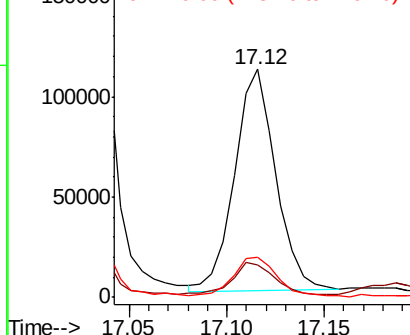
Tot Ion:	178	Resp:	160928
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.3	18.5
176	17.8	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 2.331 ng/ul m

RT: 19.06 min Scan# 2732

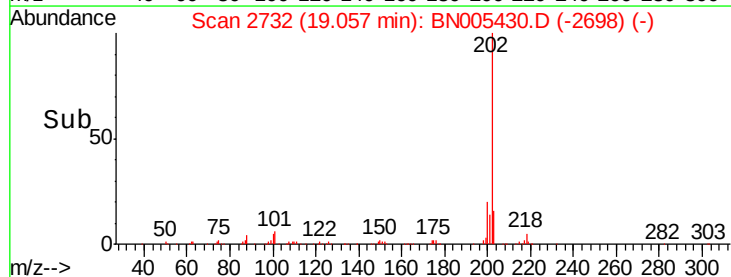
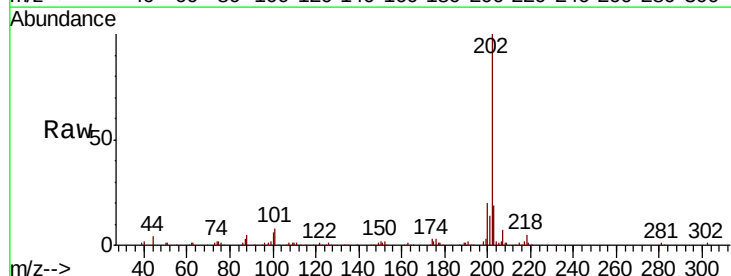
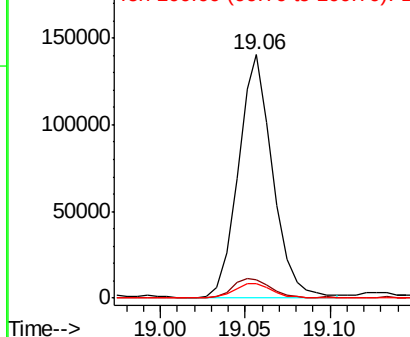
Delta R.T. -0.00 min

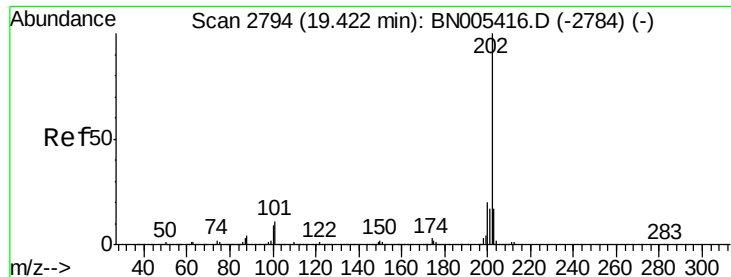
Lab File: BN005430.D

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Tgt Ion:	202	Resp:	197877
Ion Ratio	Lower	Upper	
202	100		
101	7.6	8.6	12.8#
100	6.0	6.3	9.5#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.129 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BN005430.D

Acq: 02 May 2019 23:38

Instrument :

BNA_N

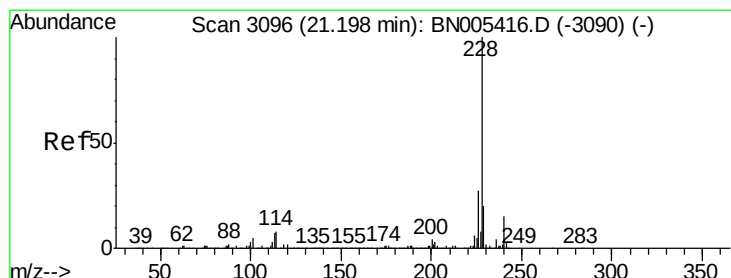
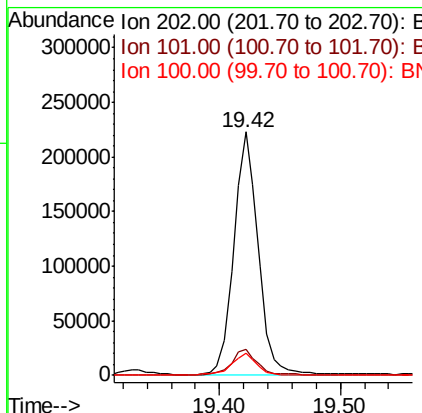
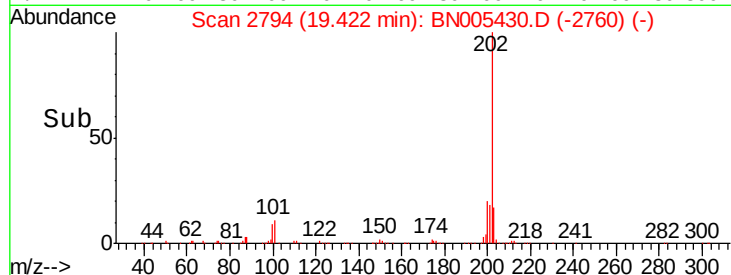
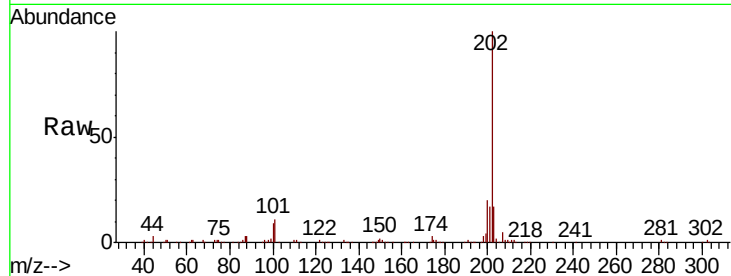
ClientSampleId :

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Tot Ion:	202	Resp:	310552
Ion Ratio	Lower	Upper	
202	100		
101	10.7	10.3	15.5
100	8.9	7.9	11.9

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#82

Benzo(a)anthracene

Concen: 1.144 ng/ul

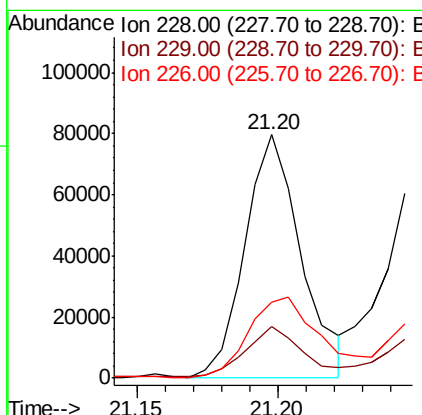
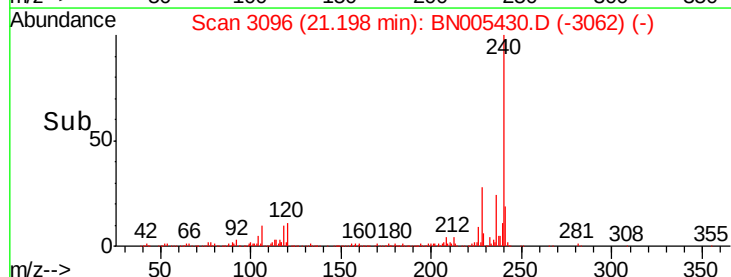
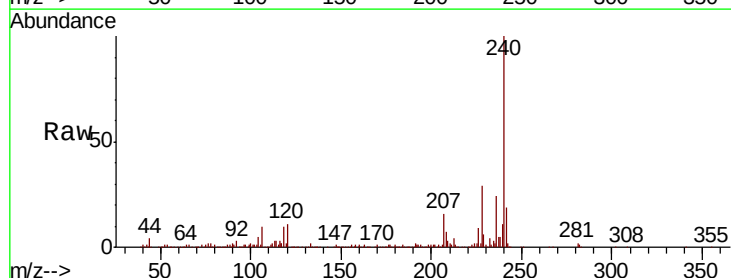
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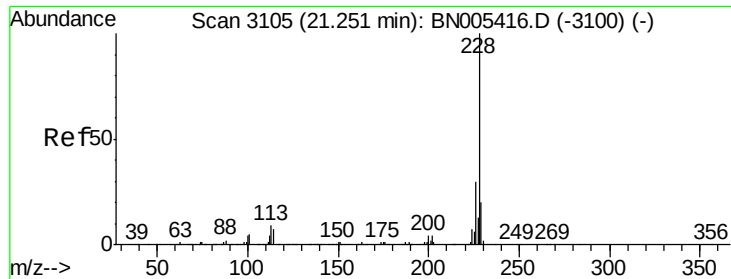
Delta R.T. -0.00 min

Lab File: BN005430.D

Acq: 02 May 2019 23:38

Tgt Ion:	228	Resp:	109658
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.6
226	31.4	21.4	32.2





#84
 Chrysene
 Concen: 1.126 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.00 min
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Instrument :
 BNA_N
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 GAHS2MEDL

Tot Ion:	228	Resp:	100255
Ion Ratio		Lower	Upper
228	100		
226	29.3	24.0	36.0
229	18.5	15.4	23.0

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