

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005392.D
 Acq On : 01 May 2019 03:44
 Operator : JU/SJ
 Sample : K2596-17 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH43

Manual Integrations
 APPROVED

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 5/1/2019 12:06:06 PM

Quant Time: May 01 07:46:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	463843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2043459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1311254	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3088640	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2477670	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2369161	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5303	0.55	ng/uL	0.00
5) Phenol-d5	6.78	99	111633	3.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	67953	2.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	93170	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	90058	3.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	46658	3.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	52270	4.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	96479	3.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	68030	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	330018	3.47	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	415303	3.55	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.45	143	32433	2.16	ng/ul	0.02
57) Fluorene-d10	15.22	176	306596	3.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	18558	1.34	ng/ul	0.00
70) Anthracene-d10	17.07	188	507671	3.92	ng/ul	-0.01
78) Pyrene-d10	19.39	212	536607	4.23	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	372306	3.60	ng/ul	-0.04

Target Compounds

					Ovalue
44) Dimethylphthalate	13.69	163	111977	1.181	ng/ul 99
69) Phenanthrene	17.02	178	231594	1.540	ng/ul 99
76) Fluoranthene	19.05	202	1053552	6.315	ng/ul 97
79) Pyrene	19.42	202	917046	5.748	ng/ul 96
82) Benzo(a)anthracene	21.19	228	473148	3.070	ng/ul 98
84) Chrysene	21.24	228	487948	3.411	ng/ul 96
87) Benzo(b)fluoranthene	22.75	252	517092	3.883	ng/ul 94
88) Benzo(k)fluoranthene	22.79	252	162145m	1.275	ng/ul
90) Benzo(a)pyrene	23.30	252	298471	2.384	ng/ul 93
91) Indeno(1,2,3-cd)pyrene	25.58	276	160021	1.156	ng/ul 95
93) Benzo(g,h,i)perylene	26.24	276	169983	1.485	ng/ul 96

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

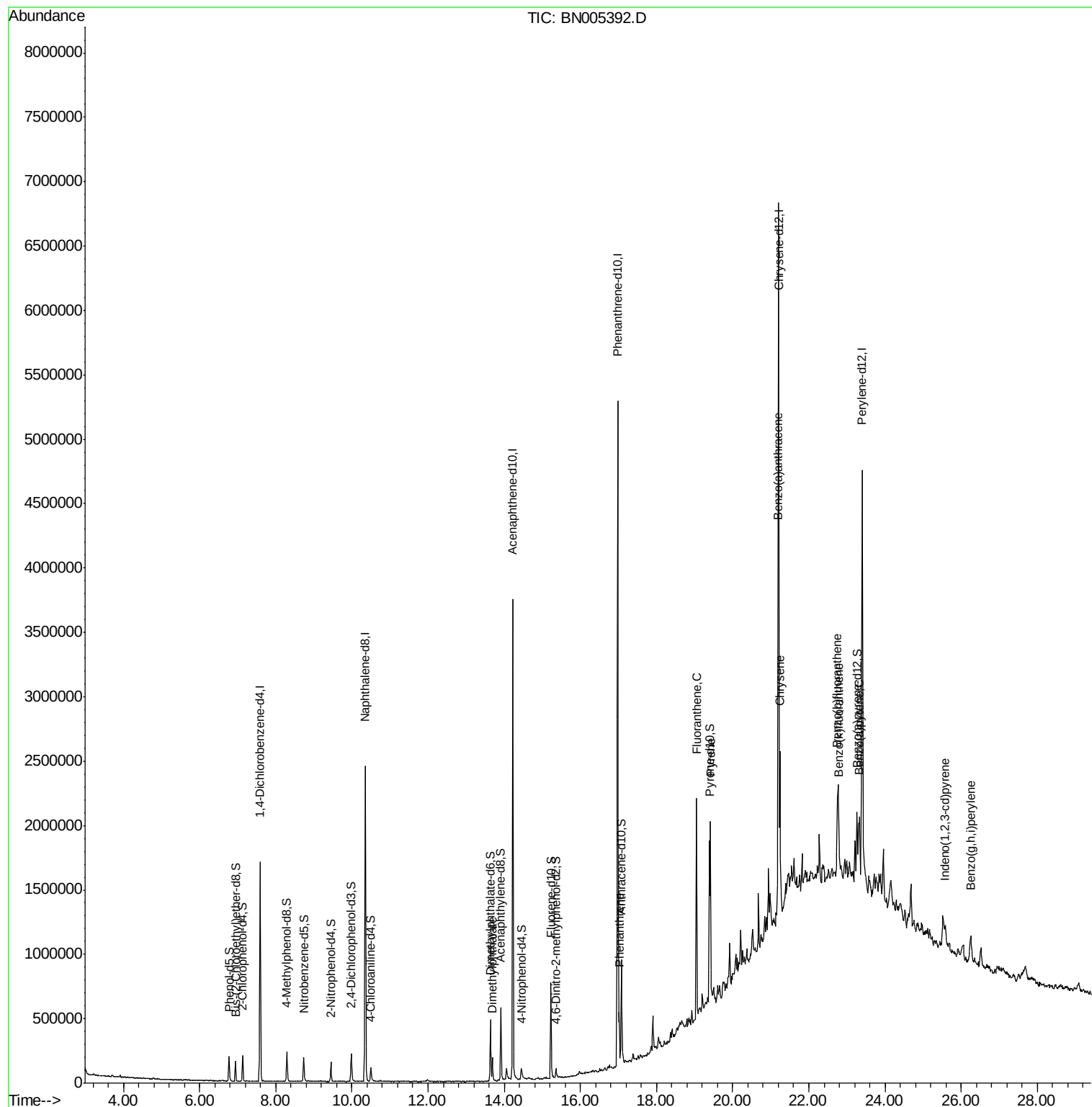
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005392.D
Acq On : 01 May 2019 03:44
Operator : JU/SJ
Sample : K2596-17 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

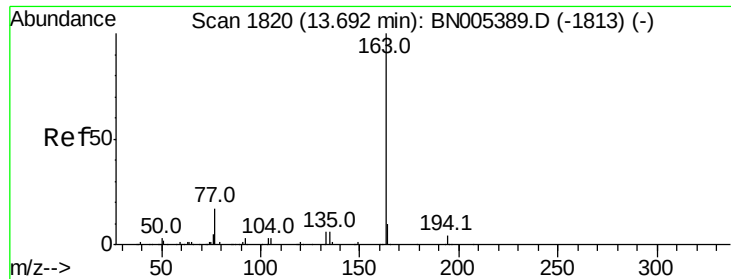
Instrument :
BNA_N
ClientSampleId :
BFH43

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Quant Time: May 01 07:46:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





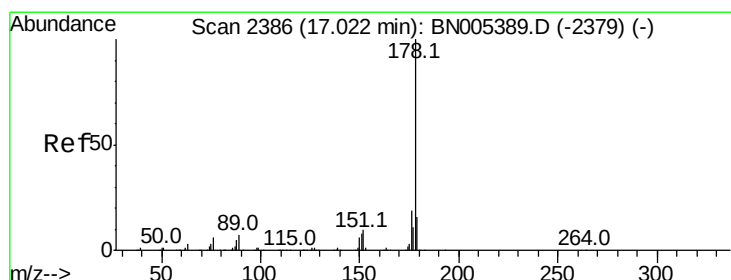
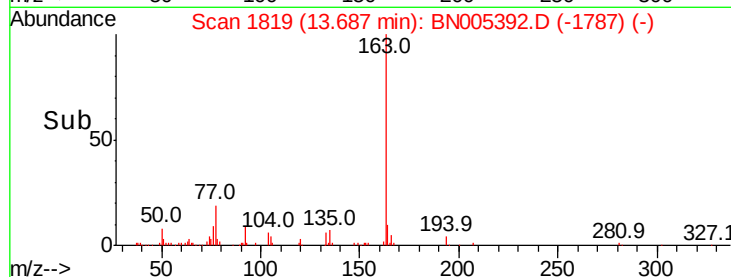
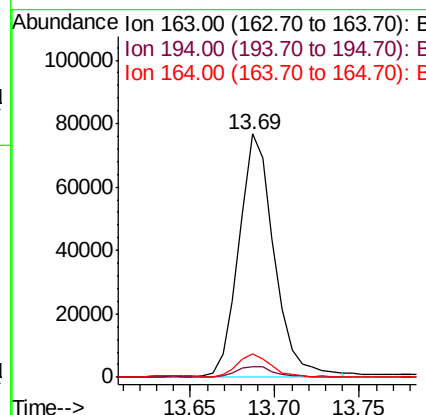
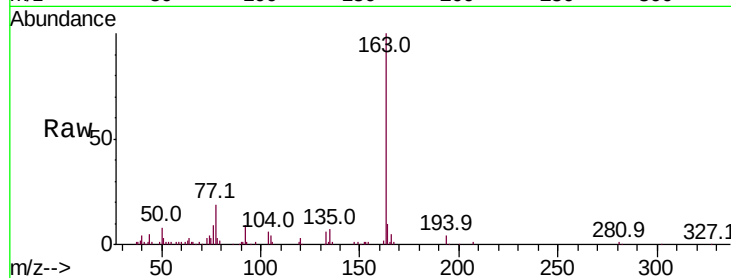
#44
Dimethylphthalate
Concen: 1.181 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Instrument :
BNA_N
ClientSampled :
BFH43

Tot Ion	Ratio	Resp	Lower	Upper
163	100	111977		
194	4.4		3.4	5.0
164	9.7		8.1	12.1

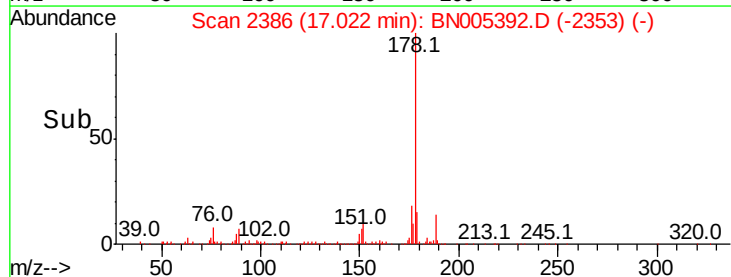
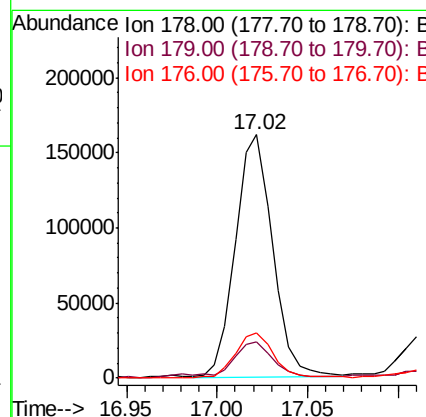
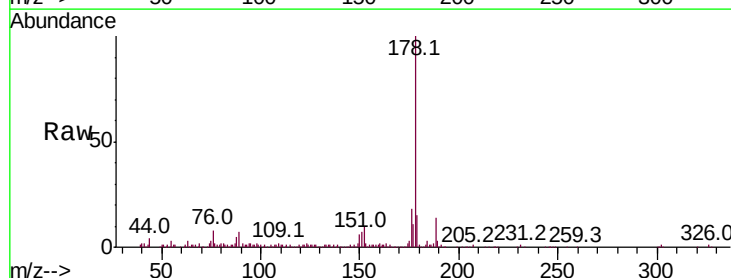
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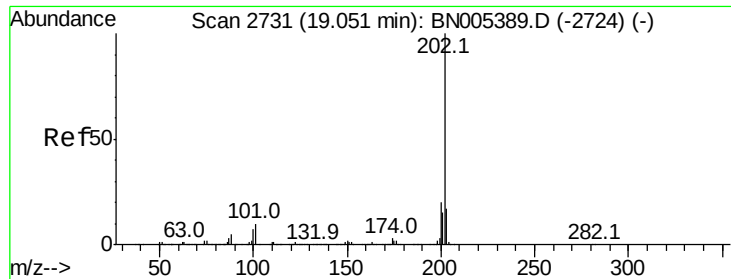
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#69
Phenanthrene
Concen: 1.540 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	231594		
179	15.0		12.2	18.4
176	18.4		15.1	22.7





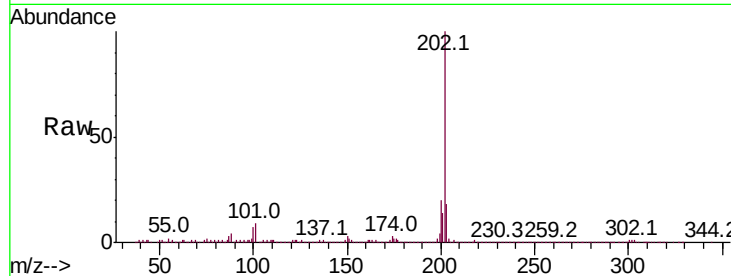
#76
Fluoranthene
Concen: 6.315 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Instrument :
BNA_N
ClientSampled :
BFH43

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	7.3	6.3	9.5

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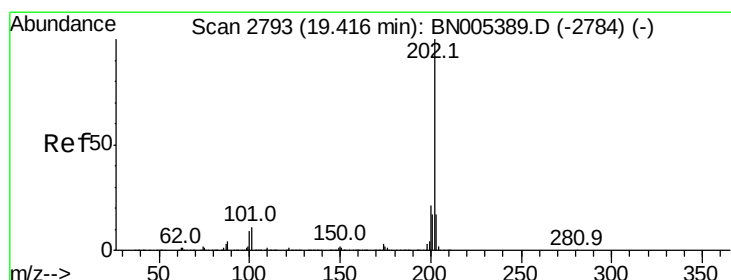
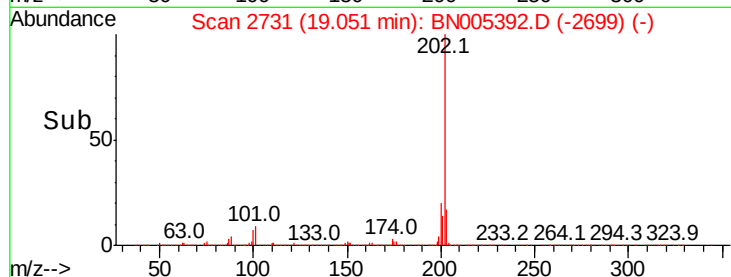
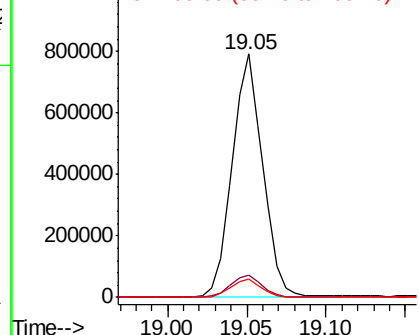


Abundance

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
Pyrene
Concen: 5.748 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

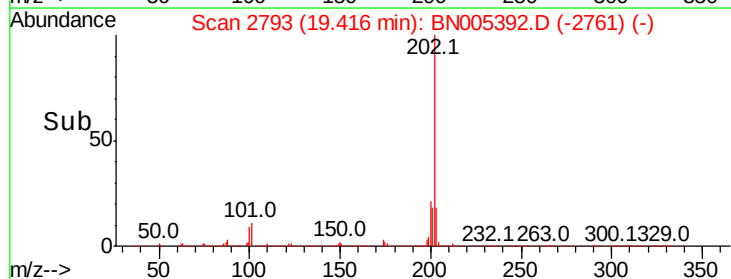
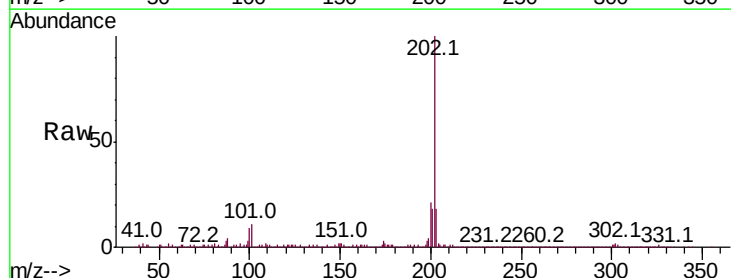
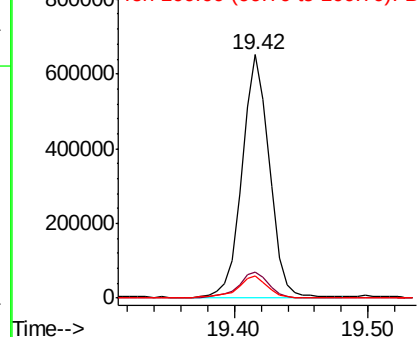
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.3	15.5
100	9.0	7.9	11.9

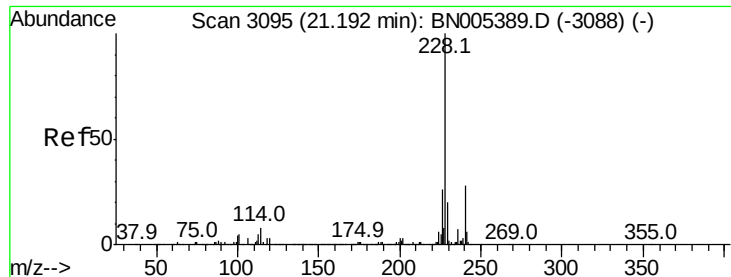
Abundance

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





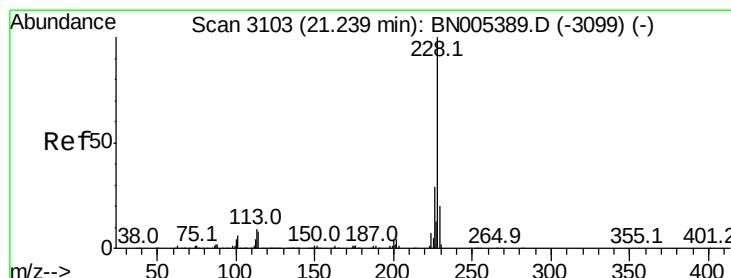
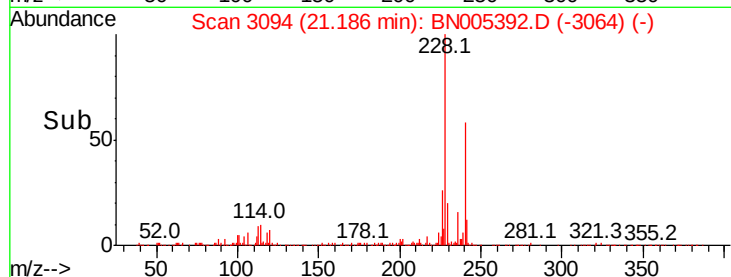
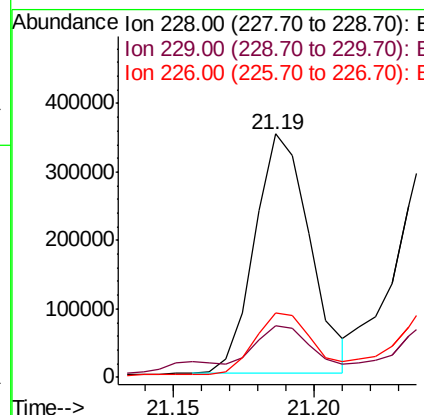
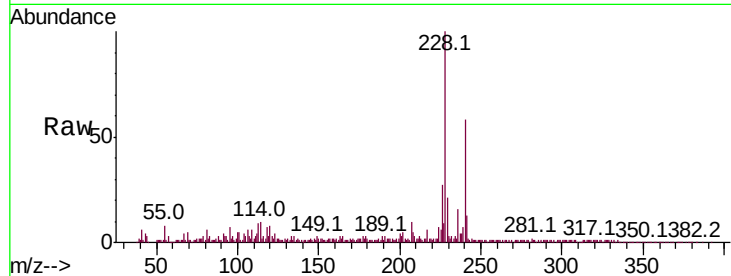
#82
Benzo(a)anthracene
Concen: 3.070 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Instrument :
BNA_N
ClientSampled :
BFH43

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	26.5	21.4	32.2

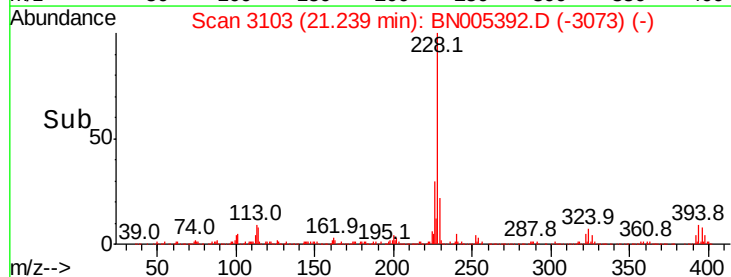
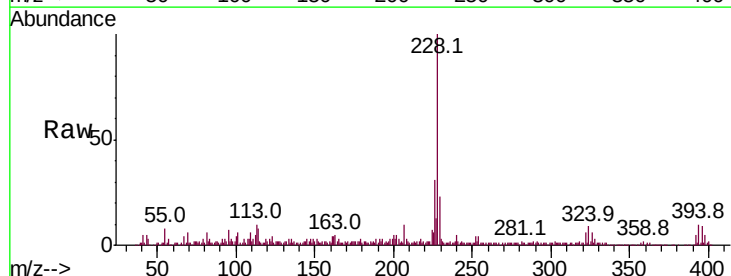
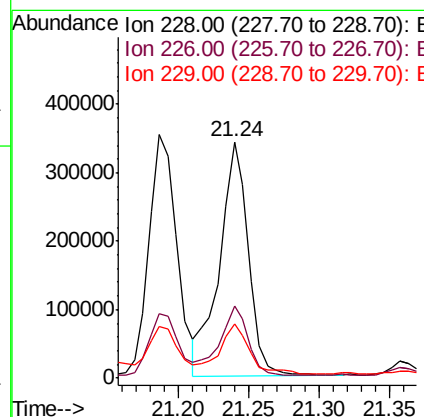
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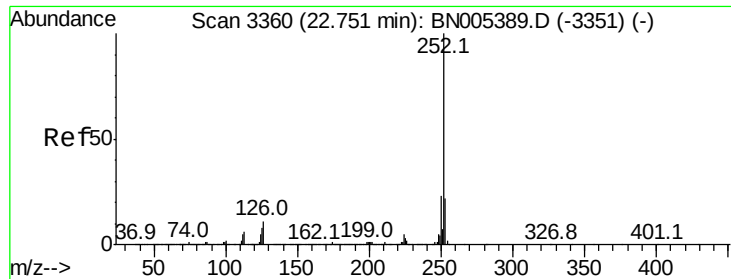
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#84
Chrysene
Concen: 3.411 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.7	15.4	23.0





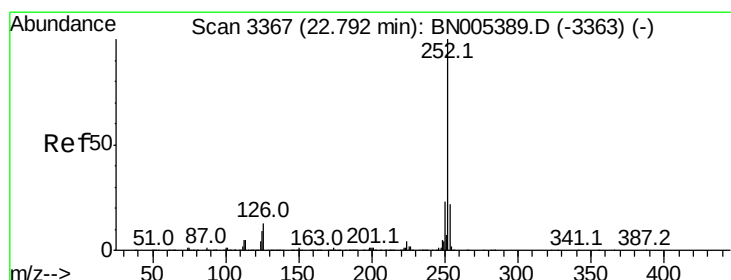
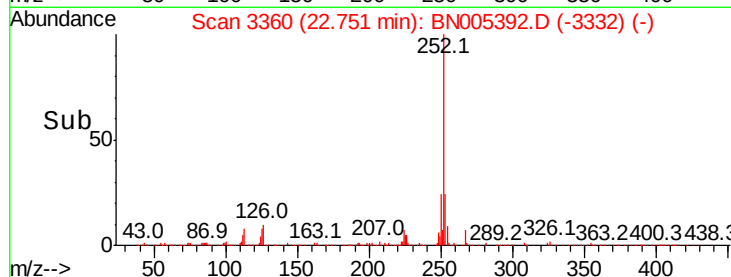
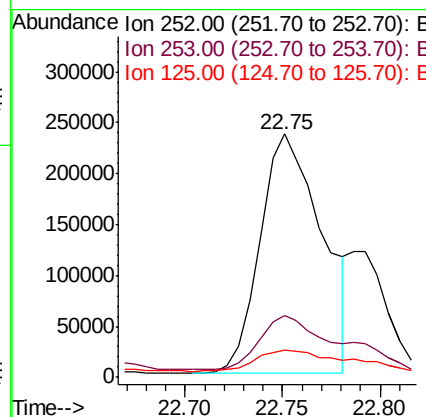
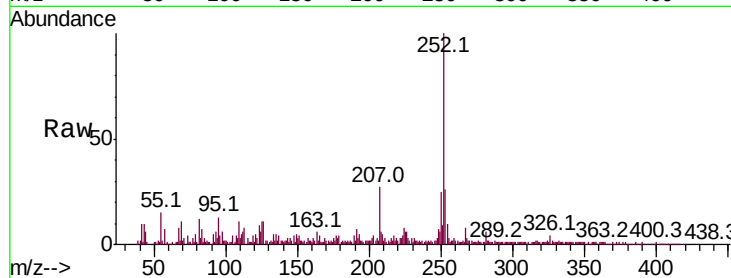
#87
Benzo(b)fluoranthene
Concen: 3.883 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.03 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Instrument :
BNA_N
ClientSampleId :
BFH43

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.7	26.5
125	11.1	8.4	12.6

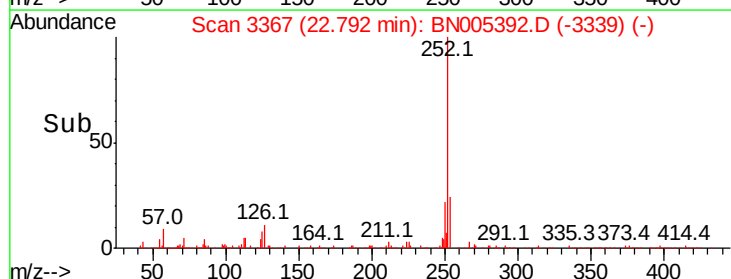
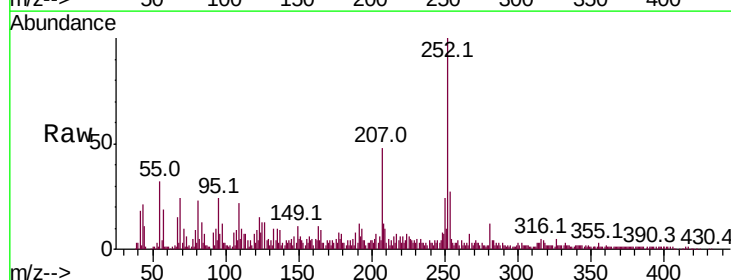
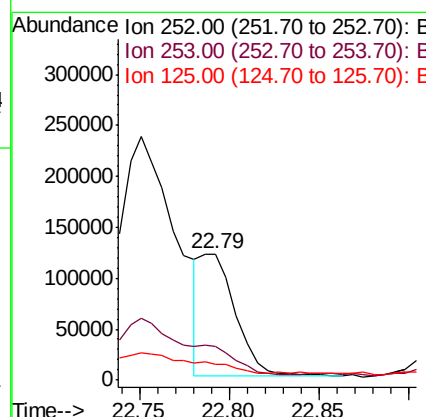
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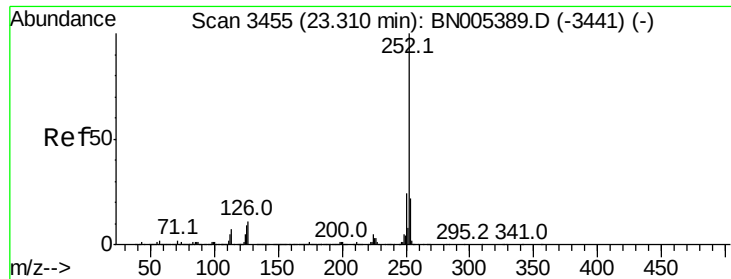
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#88
Benzo(k)fluoranthene
Concen: 1.275 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.03 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	12.9	7.5	11.3#





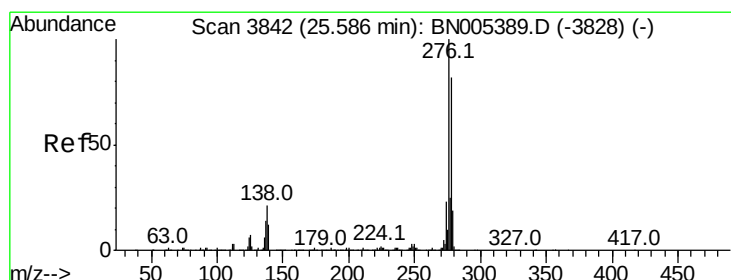
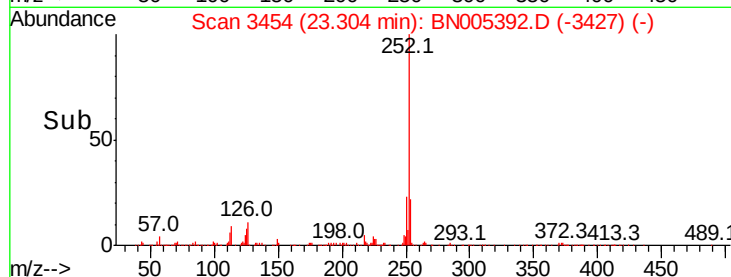
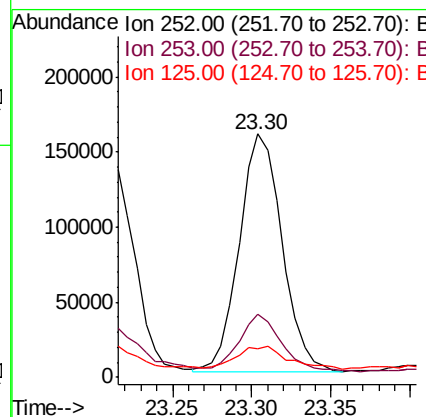
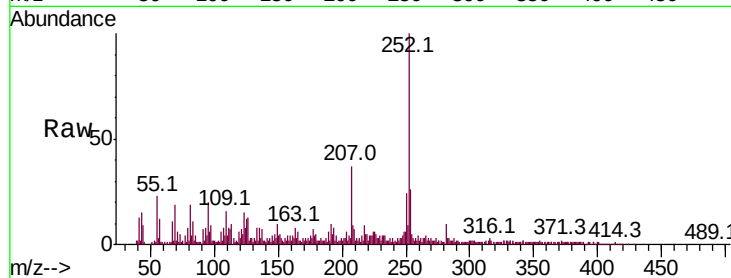
#90
Benzo(a)pyrene
Concen: 2.384 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.04 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Instrument :
BNA_N
ClientSampleId :
BFH43

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.3	25.9
125	11.9	8.6	13.0

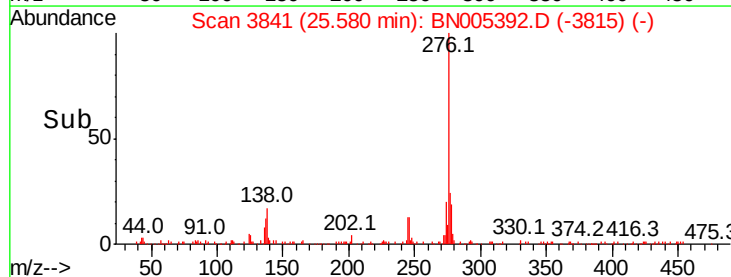
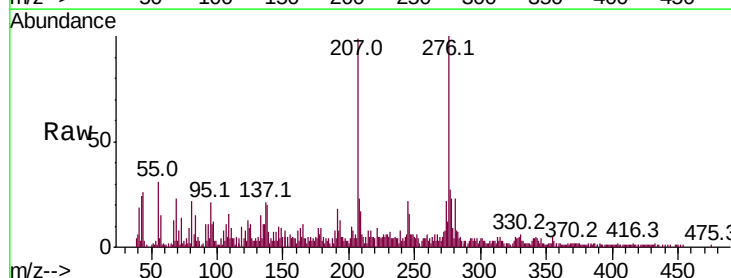
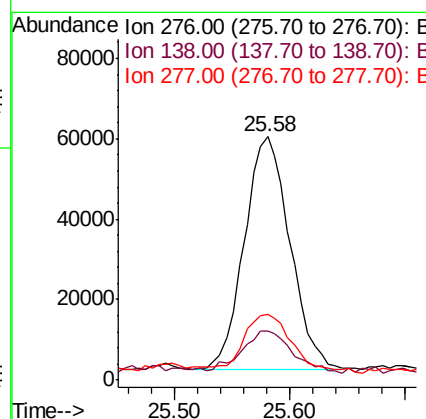
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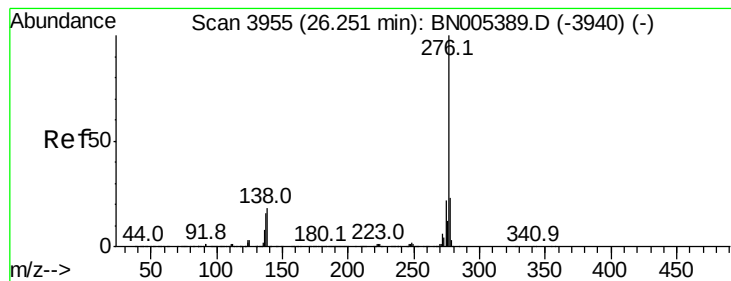
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.156 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.05 min
Lab File: BN005392.D
Acq: 01 May 2019 03:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.9	26.9
277	27.2	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.485 ng/ul

RT: 26.24 min Scan# 3954

Delta R.T. -0.05 min

Lab File: BN005392.D

Acq: 01 May 2019 03:44

Instrument :

BNA_N

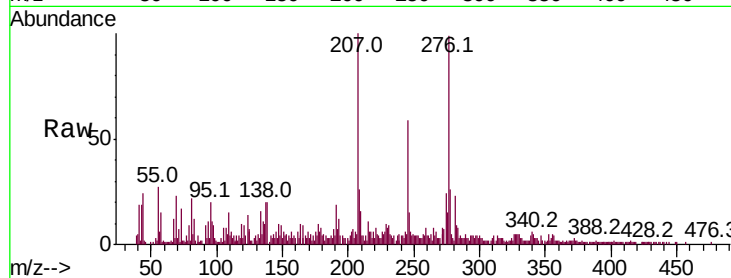
ClientSampleId :

BFH43

Tot Ion:	276	Resp:	169983
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.7	25.1
277	25.8	18.2	27.2

Manual Integrations
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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

