

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005932.D
 Acq On : 29 May 2019 16:11
 Operator : JU/SJ
 Sample : K2924-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4276

Manual Integrations
 APPROVED

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 5/30/2019 1:28:34 PM

Quant Time: May 29 16:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	473093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2161413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1248101	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2786958	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2750478	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2794863	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	49204	4.58	ng/uL	0.00
5) Phenol-d5	6.89	99	1005530	23.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	633451	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	803711	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	551962	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	411157	29.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	420893	32.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	762870	25.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	804783	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2529787	27.49	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3129871	27.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	367003	21.92	ng/ul	0.00
57) Fluorene-d10	15.36	176	2163756	28.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	233707	20.57	ng/ul	0.00
70) Anthracene-d10	17.22	188	2969142	25.03	ng/ul	0.00
78) Pyrene-d10	19.52	212	3605148	25.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	3237527	25.96	ng/ul	0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.82	163	515747	5.608	ng/ul 100
69) Phenanthrene	17.16	178	303239	2.196	ng/ul 100
76) Fluoranthene	19.19	202	767569	5.207	ng/ul# 95
79) Pyrene	19.55	202	660939	3.793	ng/ul# 93
82) Benzo(a)anthracene	21.32	228	366163	2.118	ng/ul 93
84) Chrysene	21.37	228	372941	2.313	ng/ul 97
87) Benzo(b)fluoranthene	22.92	252	486130	3.097	ng/ul# 93
88) Benzo(k)fluoranthene	22.96	252	177674m	1.231	ng/ul
90) Benzo(a)pyrene	23.51	252	304206	2.055	ng/ul# 92
91) Indeno(1,2,3-cd)pyrene	25.88	276	177170	1.020	ng/ul 97

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

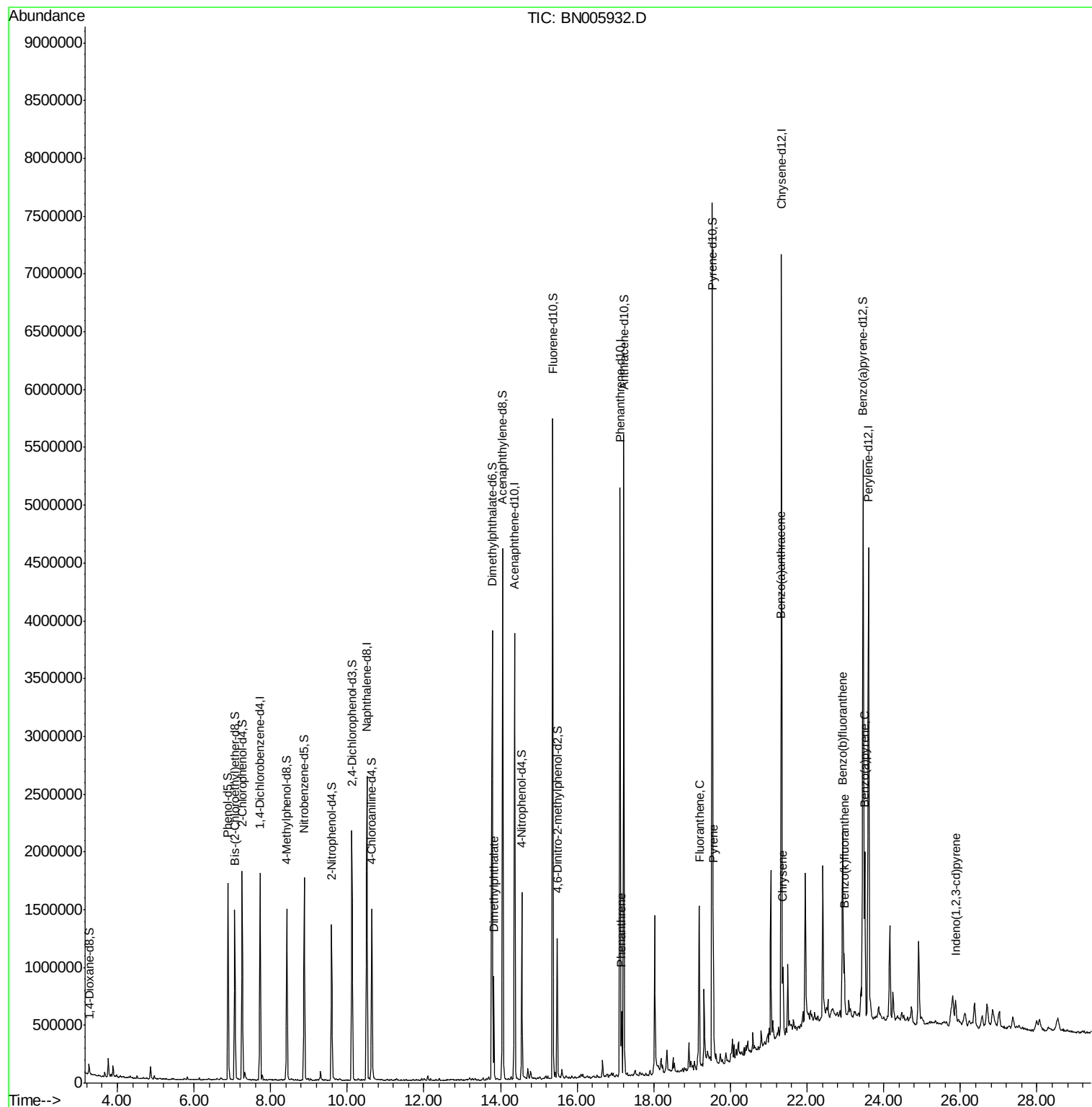
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005932.D
Acq On : 29 May 2019 16:11
Operator : JU/SJ
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ALS Vial : 13 Sample Multiplier: 1

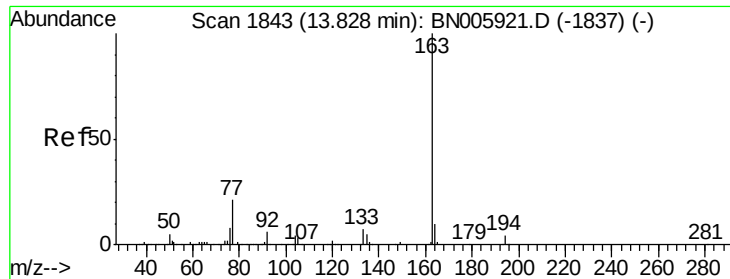
Instrument :
BNA_N
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Quant Time: May 29 16:51:07 2019
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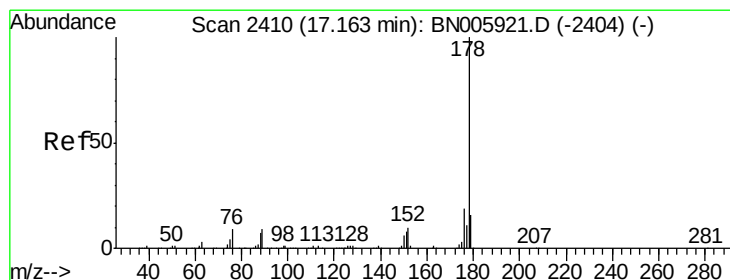
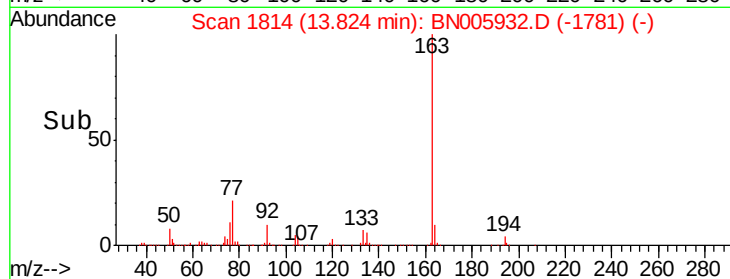
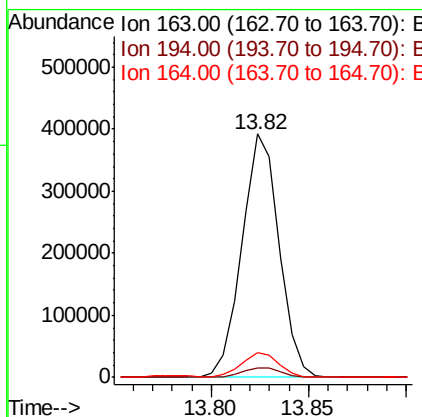
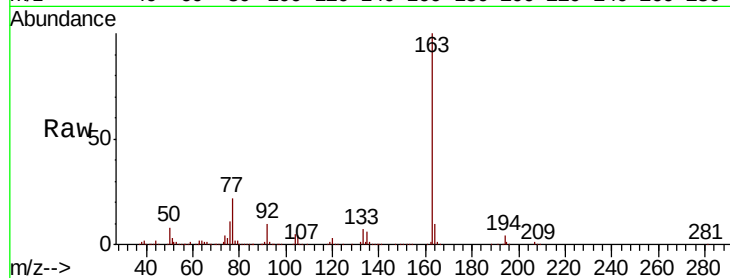
#44
Dimethylphthalate
Concen: 5.608 ng/ul
RT: 13.82 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Instrument :
BNA_N
ClientSampled :
A4276

Tot Ion	Ratio	Resp	Lower	Upper
163	100	515747		
194	4.0		3.4	5.0
164	10.2		8.1	12.1

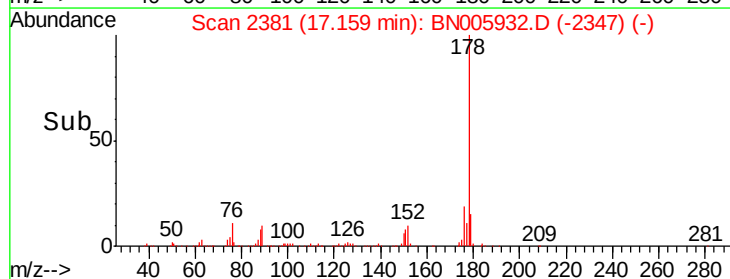
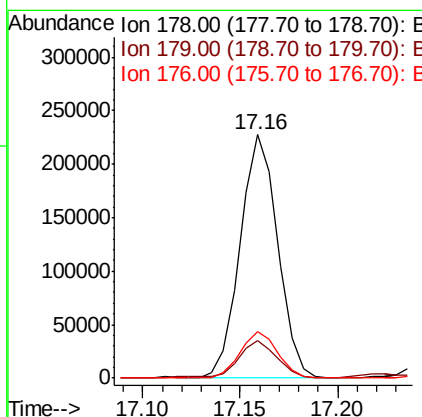
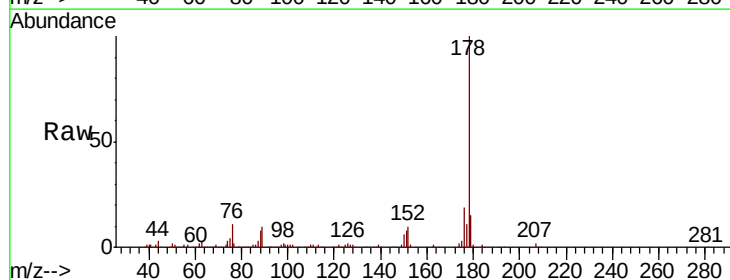
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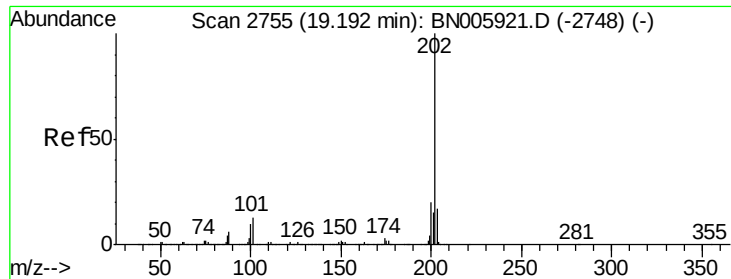
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#69
Phenanthrene
Concen: 2.196 ng/ul
RT: 17.16 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	303239		
179	15.2		12.2	18.4
176	19.2		15.1	22.7





#76

Fluoranthene

Concen: 5.207 ng/ul

RT: 19.19 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BN005932.D

Acq: 29 May 2019 16:11

Instrument :

BNA_N

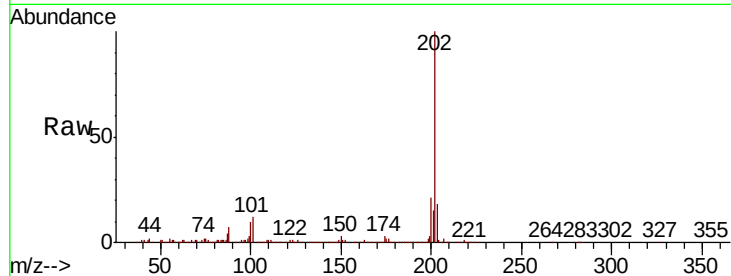
ClientSampleId :

A4276

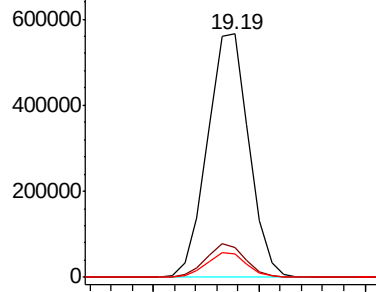
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	8.6	12.8
100	9.9	6.3	9.5

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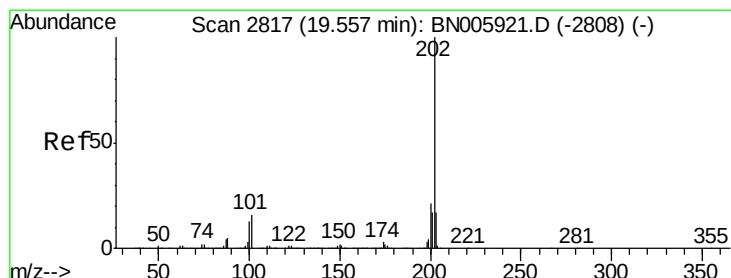
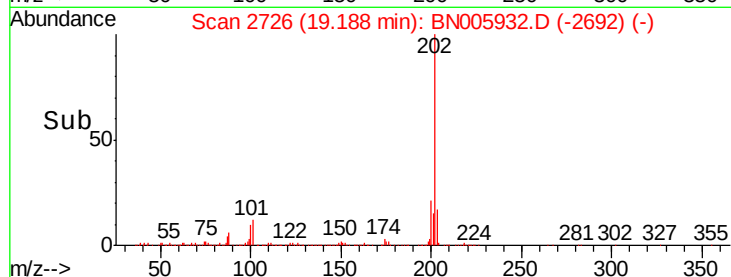
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 3.793 ng/ul

RT: 19.55 min Scan# 2788

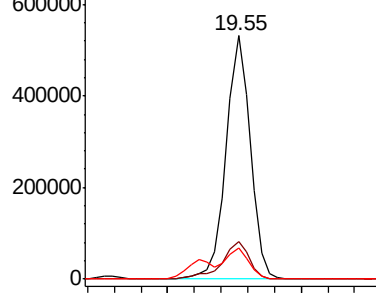
Delta R.T. 0.00 min

Lab File: BN005932.D

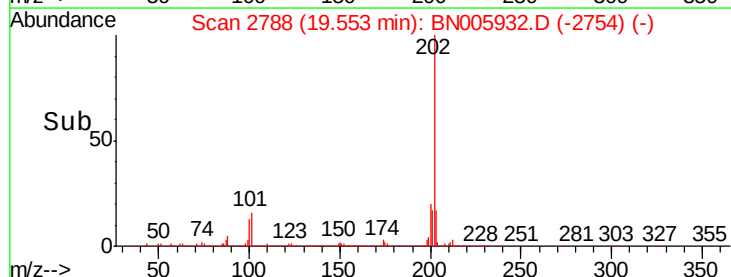
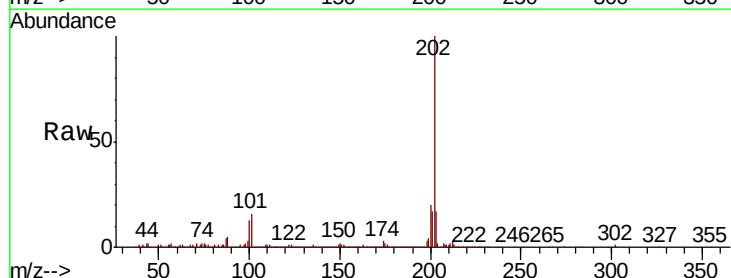
Acq: 29 May 2019 16:11

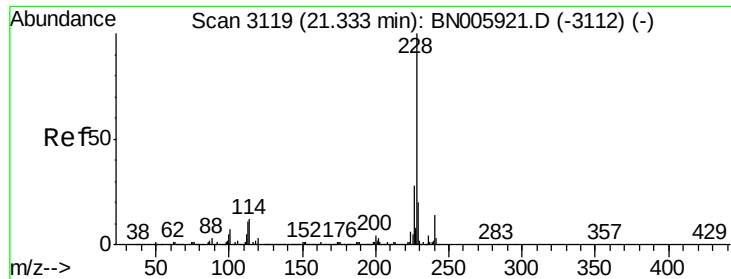
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.6	10.3	15.5
100	12.6	7.9	11.9

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



Time-->





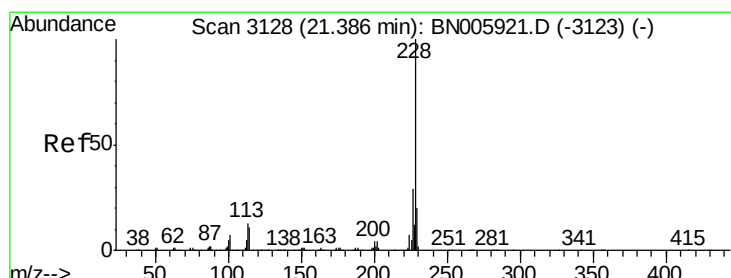
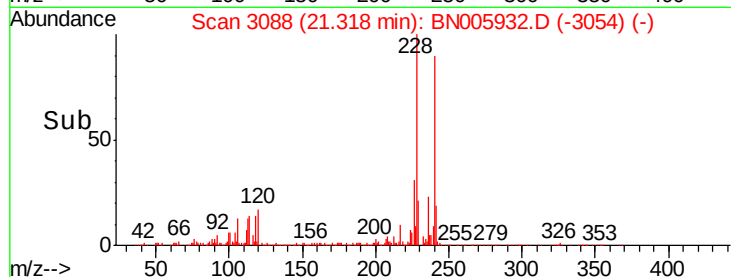
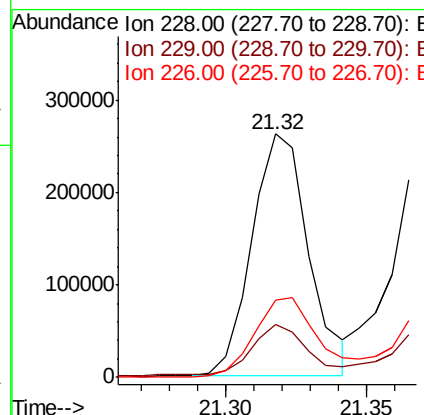
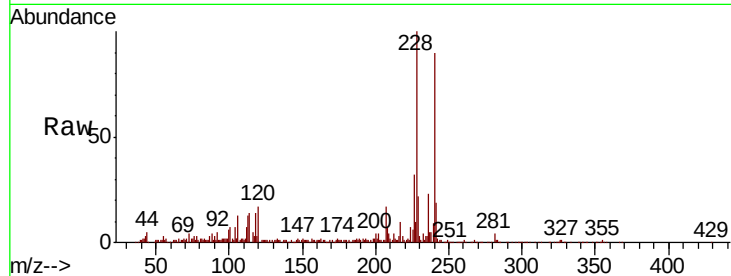
#82
Benzo(a)anthracene
Concen: 2.118 ng/ul
RT: 21.32 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Instrument :
BNA_N
ClientSampleId :
A4276

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	31.7	21.4	32.2

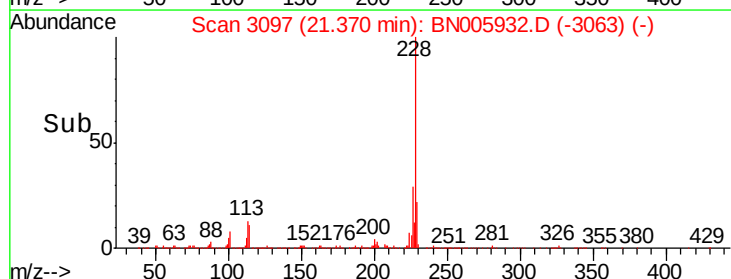
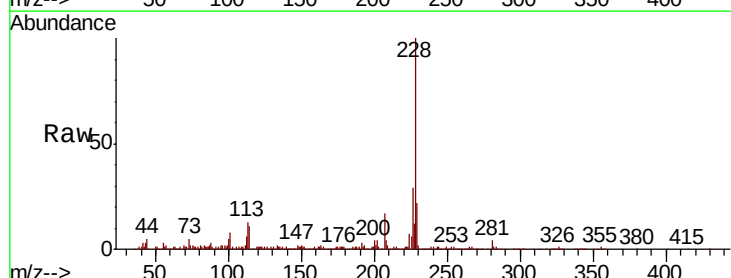
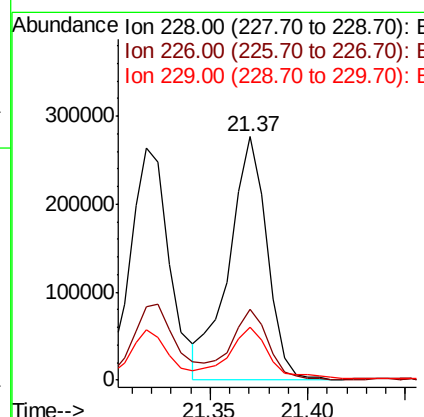
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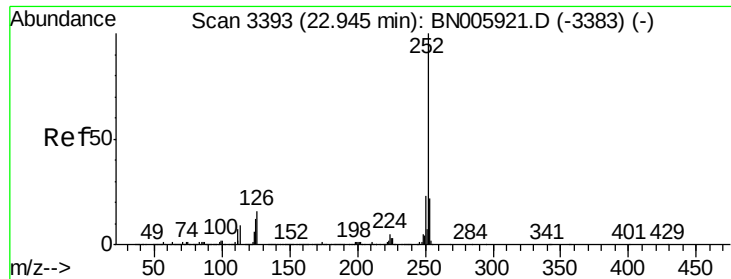
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#84
Chrysene
Concen: 2.313 ng/ul
RT: 21.37 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.9	15.4	23.0





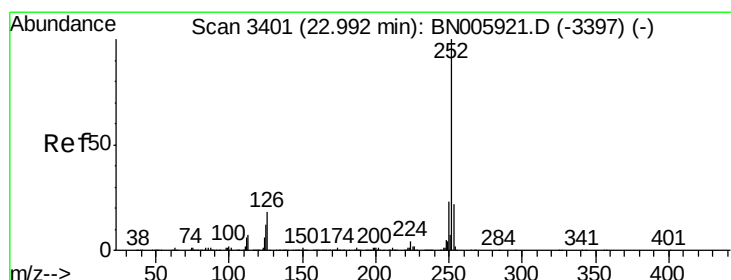
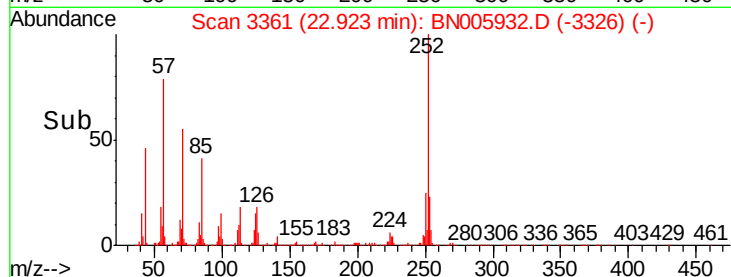
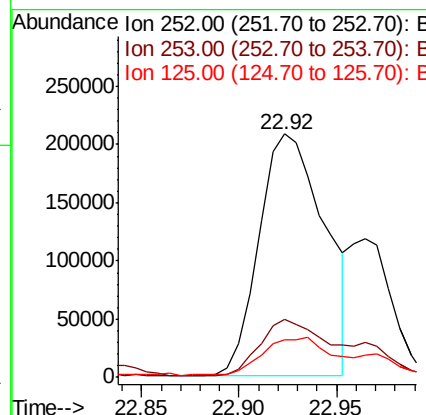
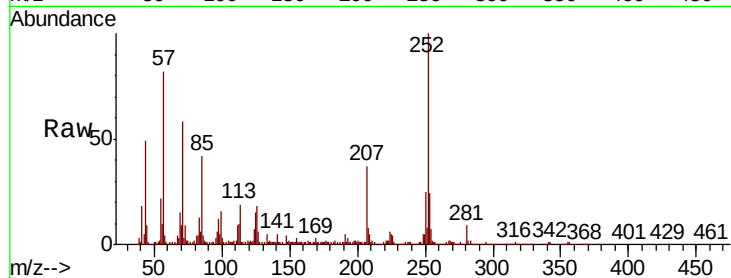
#87
Benzo(b)fluoranthene
Concen: 3.097 ng/ul
RT: 22.92 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Instrument :
BNA_N
ClientSampled :
A4276

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	15.4	8.4	12.6

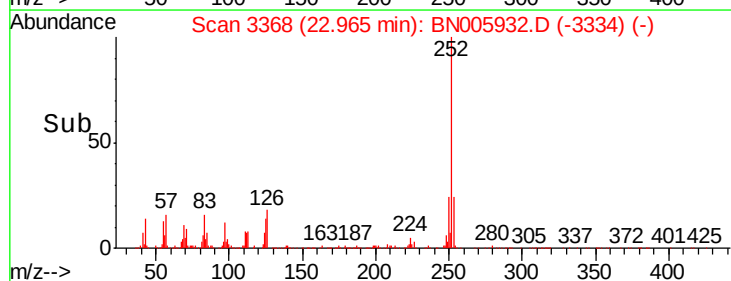
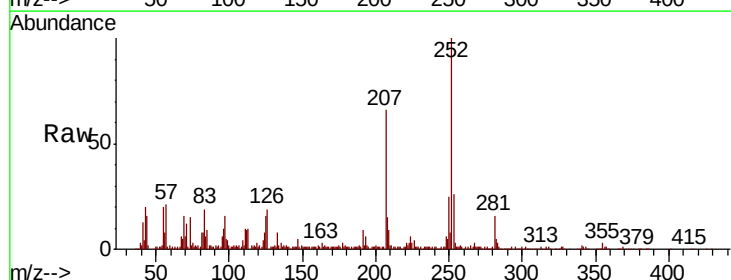
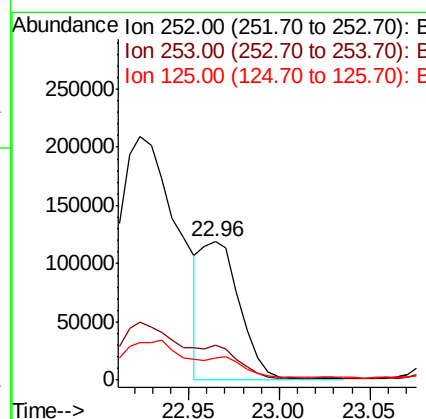
Manual Integrations
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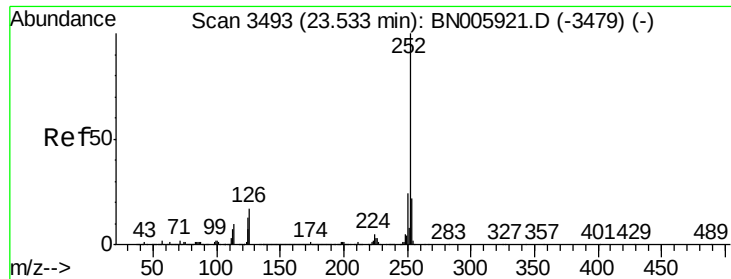
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#88
Benzo(k)fluoranthene
Concen: 1.231 ng/ul m
RT: 22.96 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	16.0	7.5	11.3





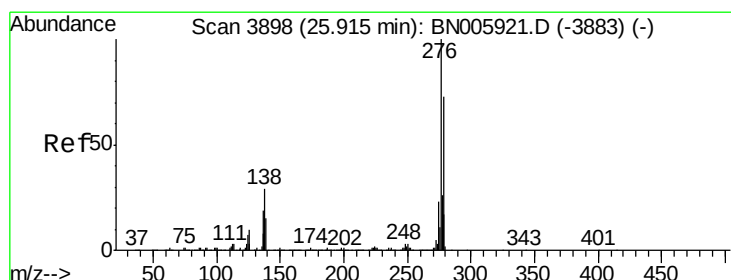
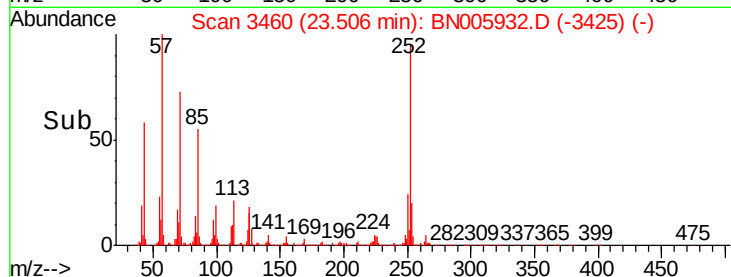
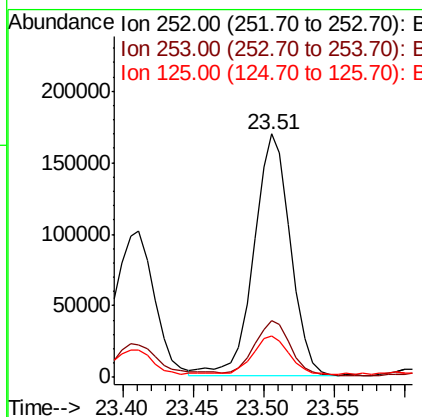
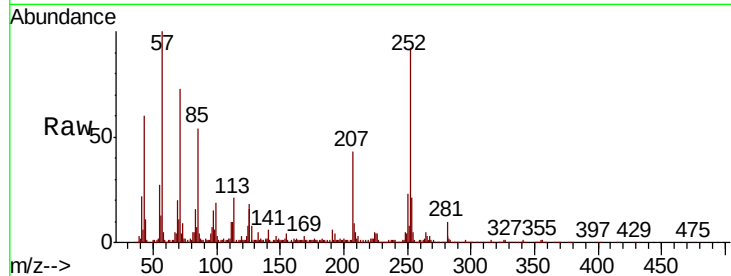
#90
Benzo(a)pyrene
Concen: 2.055 ng/ul
RT: 23.51 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Instrument :
BNA_N
ClientSampled :
A4276

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	17.0	8.6	13.0

Manual Integrations
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.020 ng/ul
RT: 25.88 min Scan# 3863
Delta R.T. 0.00 min
Lab File: BN005932.D
Acq: 29 May 2019 16:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.9	26.9
277	24.0	19.7	29.5

