

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005947.D
 Acq On : 30 May 2019 00:52
 Operator : JU/SJ
 Sample : K2924-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4275

Manual Integrations
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mohammad
 5/30/2019 1:29:17 PM

Quant Time: May 30 14:29:35 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	7.74	152	627588	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2754737	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1533483	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	3104162	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1993995	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2134573	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	65439	4.59	ng/uL	0.00
5) Phenol-d5	6.91	99	1335434	24.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	807036	25.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1105955	26.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	911436	20.30	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	556970	31.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	463597	28.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1068779	27.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	776339	15.23	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	3173756	28.07	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3984953	28.18	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	417830	20.31	ng/ul	0.03
57) Fluorene-d10	15.38	176	2718180	28.67	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	19044	1.51	ng/ul	0.03
70) Anthracene-d10	17.24	188	3763780	28.49	ng/ul	0.02
78) Pyrene-d10	19.54	212	3368910	33.45	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	2619137	27.50	ng/ul	0.02

Target Compounds

					Ovalue
4) Benzaldehyde	6.89	77	77048	2.006 ng/ul	92
44) Dimethylphthalate	13.84	163	1054366	9.331 ng/ul	99
69) Phenanthrene	17.18	178	504238	3.279 ng/ul	100
76) Fluoranthene	19.20	202	1056620m	6.435 ng/ul	
79) Pyrene	19.57	202	827736	6.553 ng/ul	97
82) Benzo(a)anthracene	21.32	228	361696	2.886 ng/ul	93
84) Chrysene	21.38	228	383613m	3.281 ng/ul	
87) Benzo(b)fluoranthene	22.93	252	505990	4.220 ng/ul#	84
88) Benzo(k)fluoranthene	22.98	252	154169m	1.399 ng/ul	
90) Benzo(a)pyrene	23.52	252	313053	2.769 ng/ul#	81
91) Indeno(1,2,3-cd)pyrene	25.91	276	228286	1.721 ng/ul#	88
93) Benzo(g,h,i)perylene	26.61	276	148803	1.332 ng/ul#	78

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

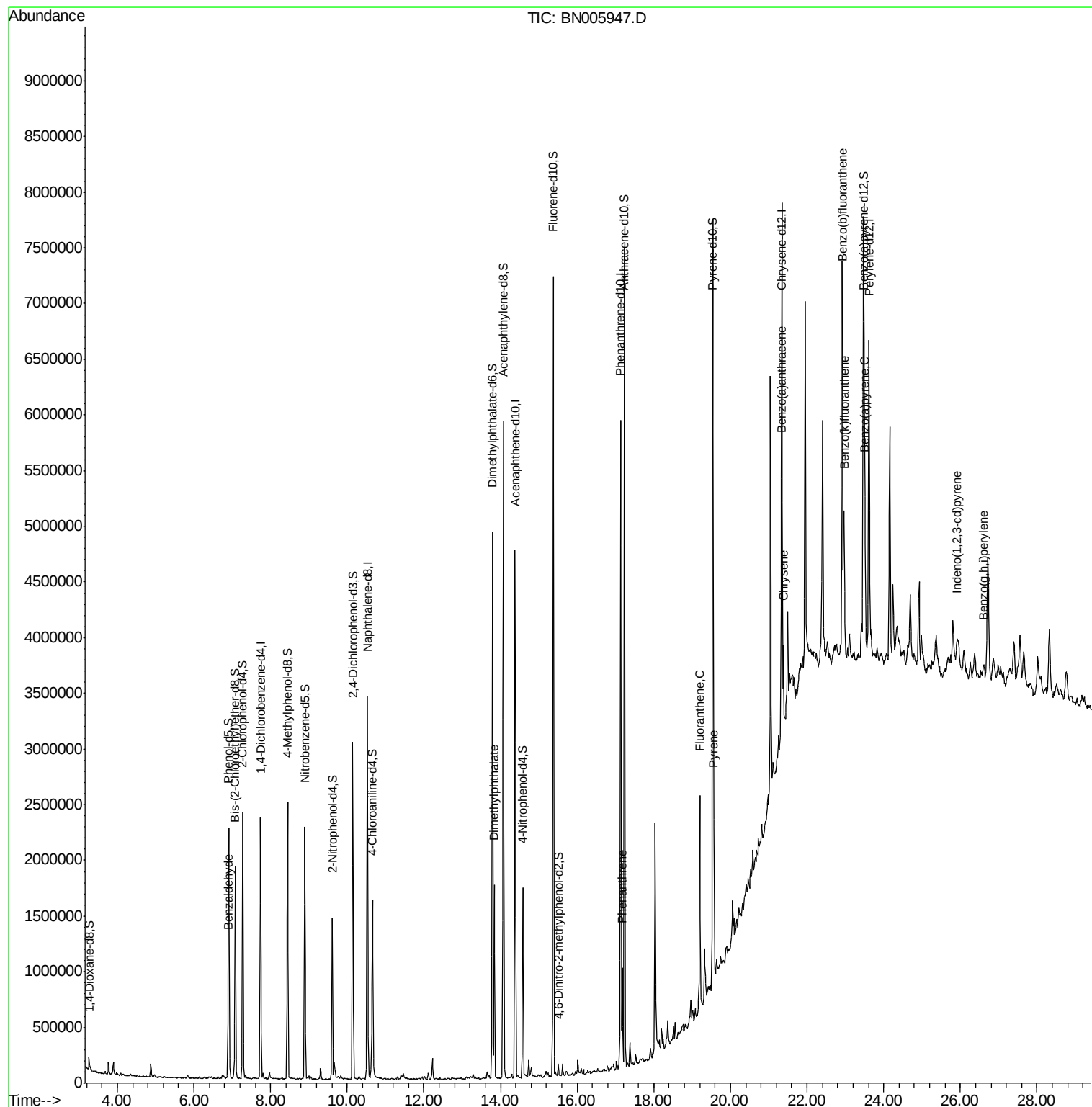
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005947.D
Acq On : 30 May 2019 00:52
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

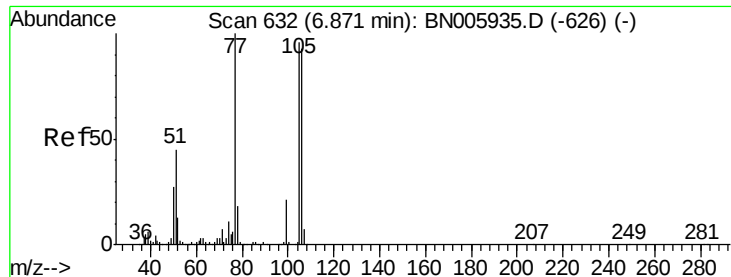
Instrument :
BNA_N
ClientSampleId :
A4275

Quant Time: May 30 14:29:35 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

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#4

Benzaldehyde

Concen: 2.006 ng/ul

RT: 6.89 min Scan# 635

Delta R.T. 0.01 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Instrument :

BNA_N

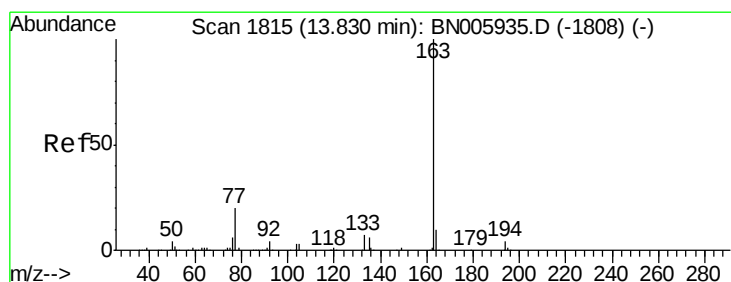
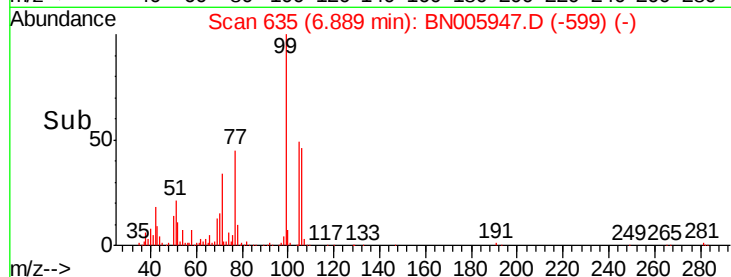
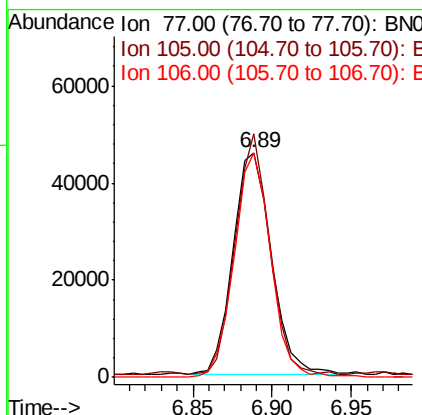
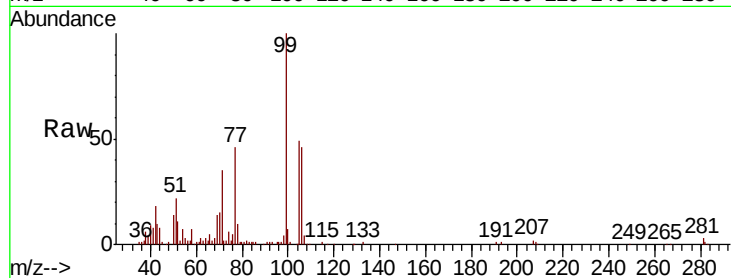
ClientSampleId :

A4275

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	108.4	77.4	116.2		
106	100.1	76.3	114.5		

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#44

Dimethylphthalate

Concen: 9.331 ng/ul

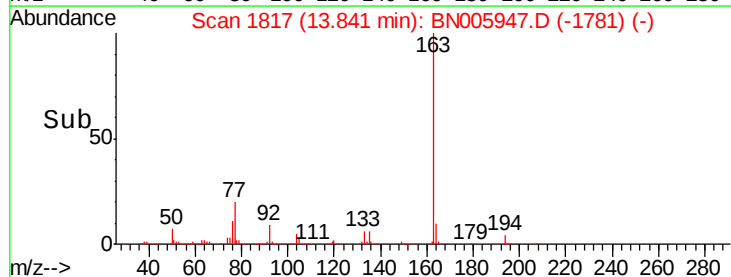
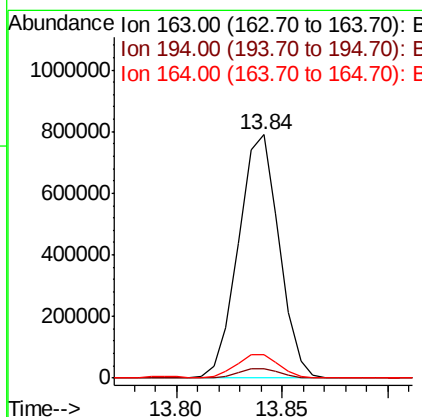
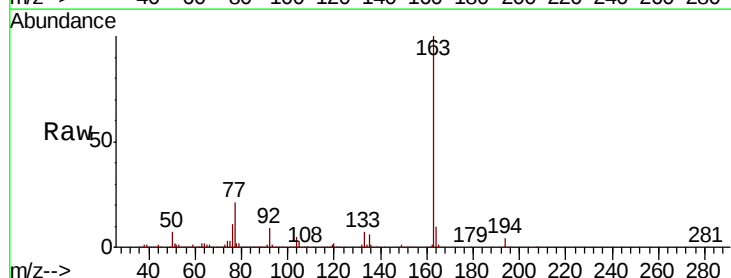
RT: 13.84 min Scan# 1817

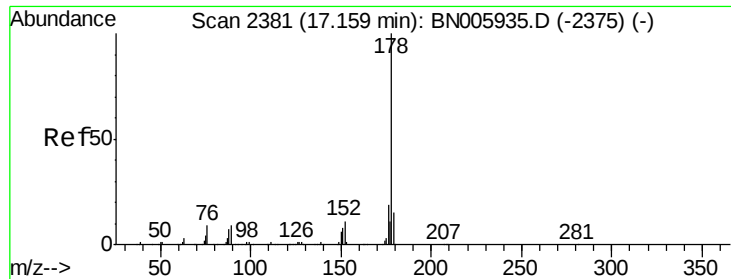
Delta R.T. 0.01 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.0	3.4	5.0		
164	9.9	8.1	12.1		





#69

Phenanthrene

Concen: 3.279 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. 0.02 min

Lab File: BN005947.D

Acq: 30 May 2019 00:52

Instrument :

BNA_N

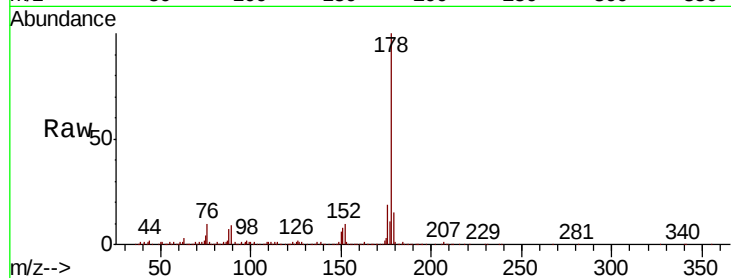
ClientSampled :

A4275

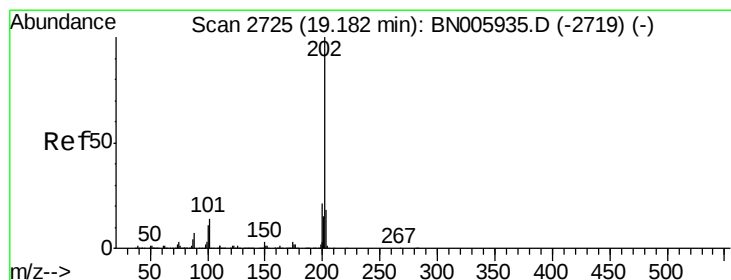
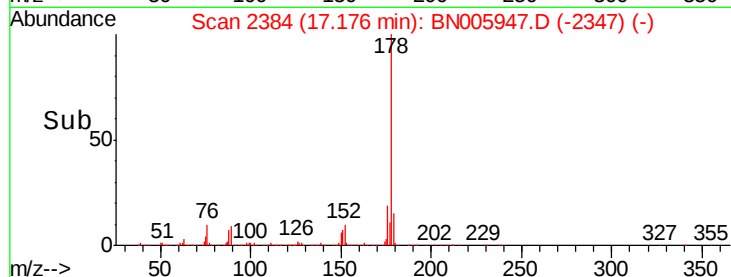
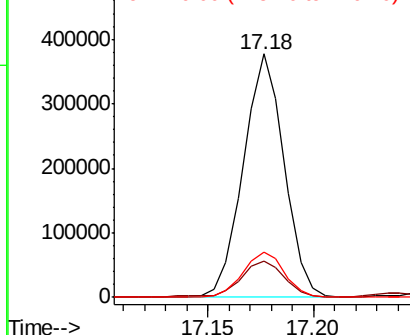
Tot Ion:178	Resp:	504238
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.2 18.4
176	18.8	15.1 22.7

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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: 6.435 ng/ul m

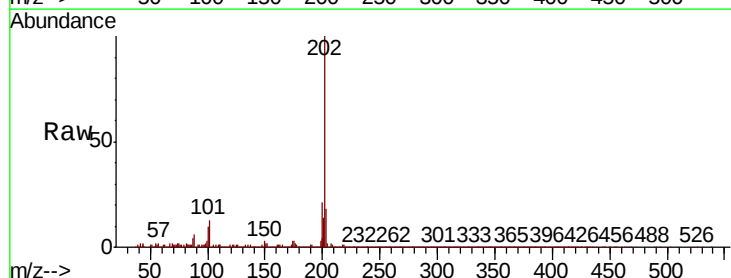
RT: 19.20 min Scan# 2728

Delta R.T. 0.01 min

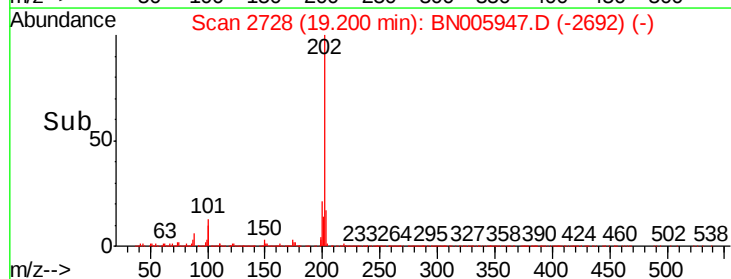
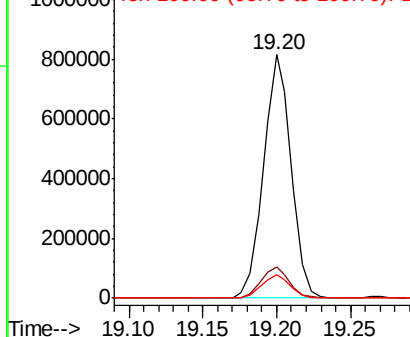
Lab File: BN005947.D

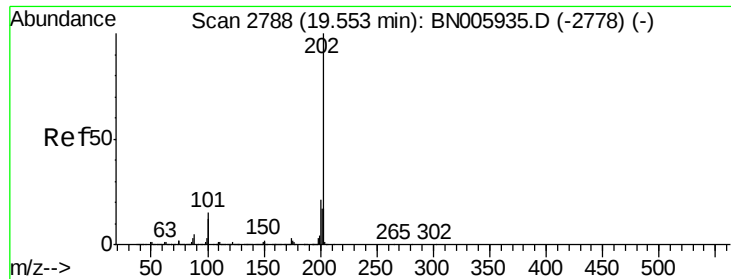
Acq: 30 May 2019 00:52

Tgt Ion:202	Resp:	1056620
Ion Ratio	Lower	Upper
202	100	
101	12.8	8.6 12.8
100	9.8	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





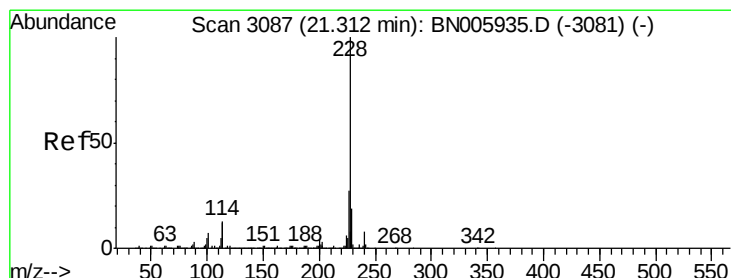
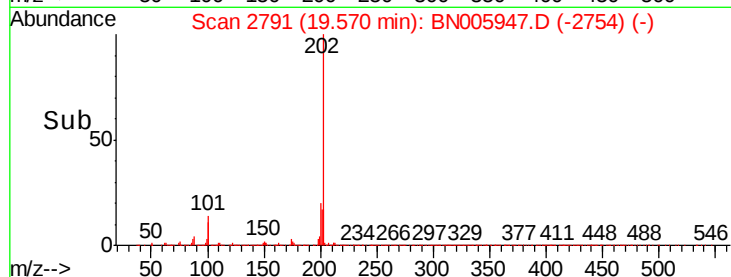
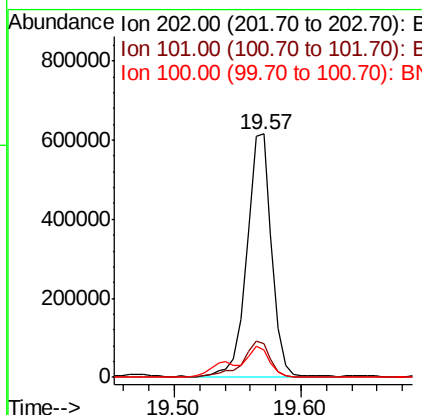
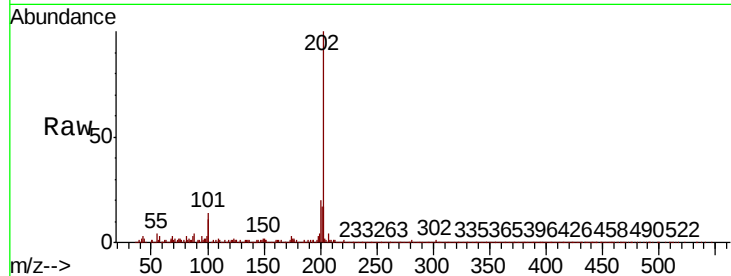
#79
Pvrene
Concen: 6.553 ng/ul
RT: 19.57 min Scan# 2791
Delta R.T. 0.02 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampleId :
A4275

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		827736		
101	13.9	10.3	15.5		
100	11.1	7.9	11.9		

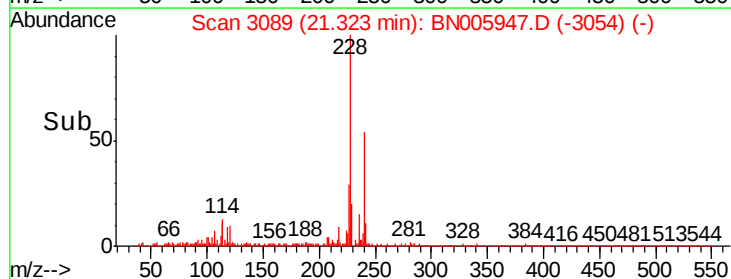
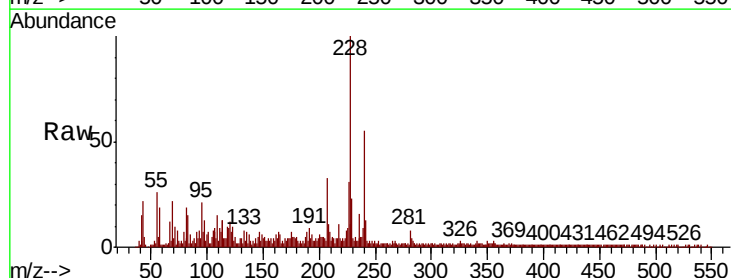
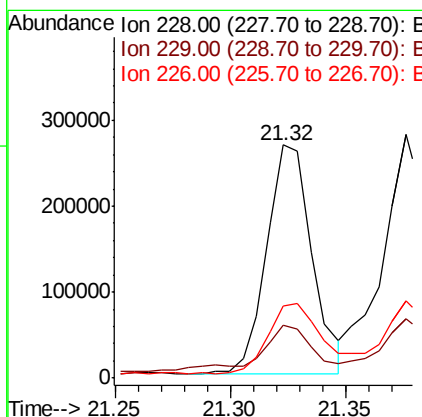
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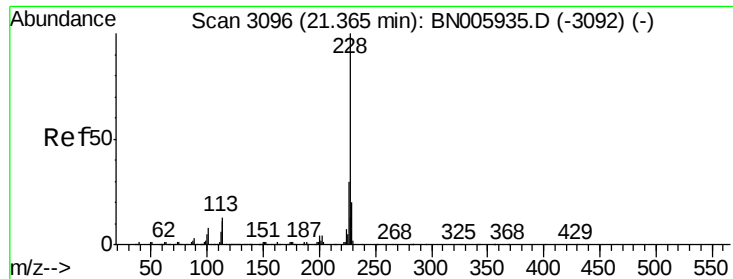
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#82
Benzo(a)anthracene
Concen: 2.886 ng/ul
RT: 21.32 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		361696		
229	22.9	15.8	23.6		
226	30.7	21.4	32.2		





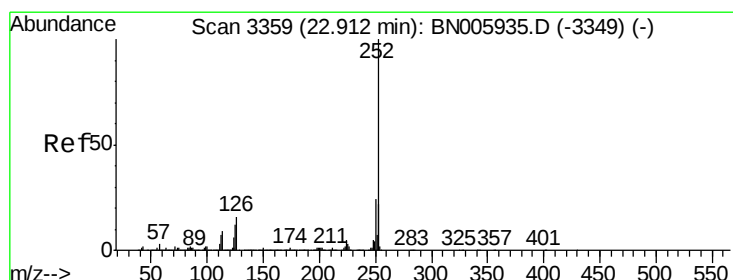
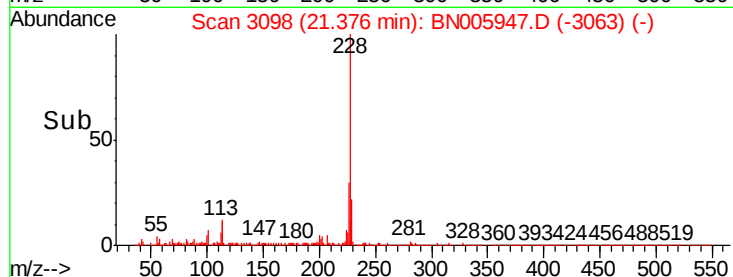
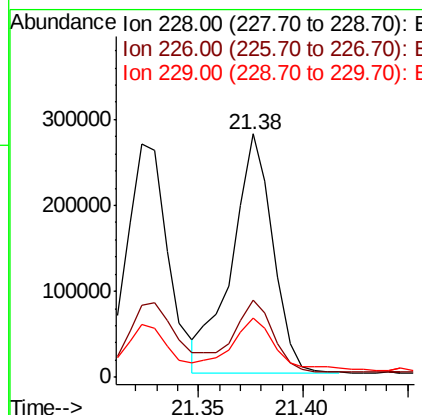
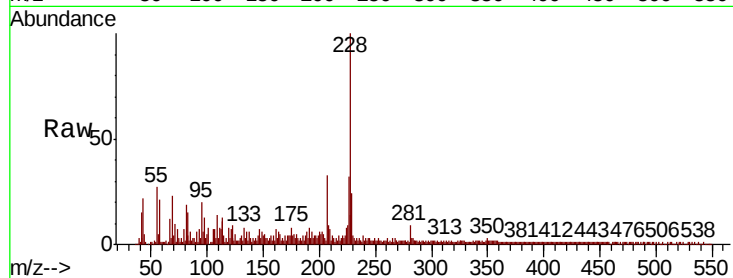
#84
Chrysene
Concen: 3.281 ng/ul m
RT: 21.38 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampled :
A4275

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.6	24.0	36.0	
229	24.4	15.4	23.0	

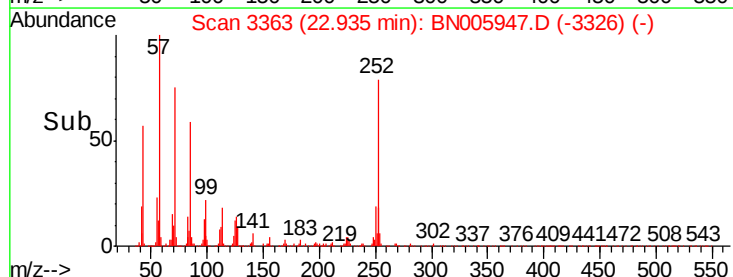
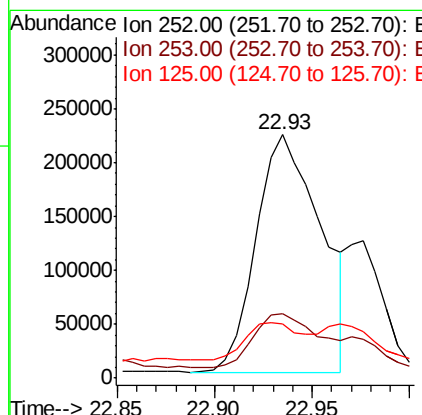
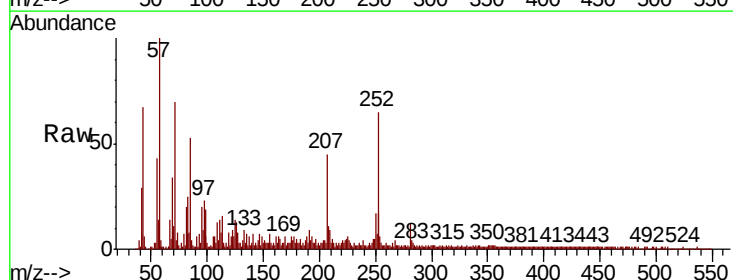
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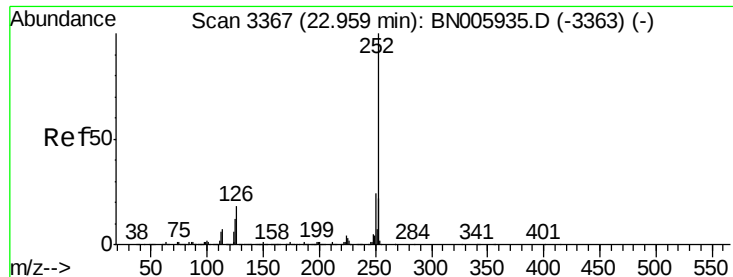
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#87
Benzo(b)fluoranthene
Concen: 4.220 ng/ul
RT: 22.93 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.3	17.7	26.5	
125	22.4	8.4	12.6	





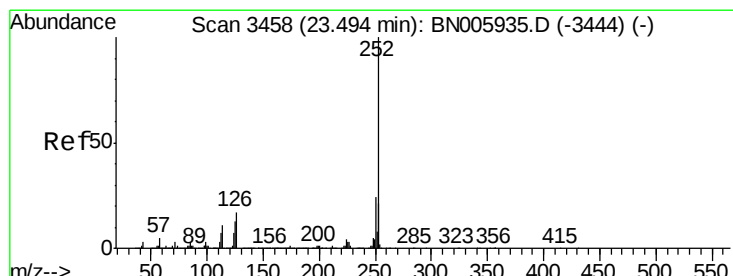
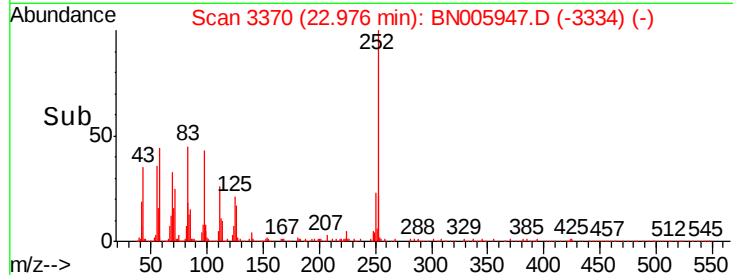
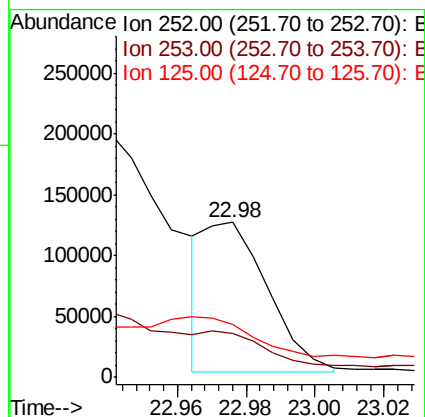
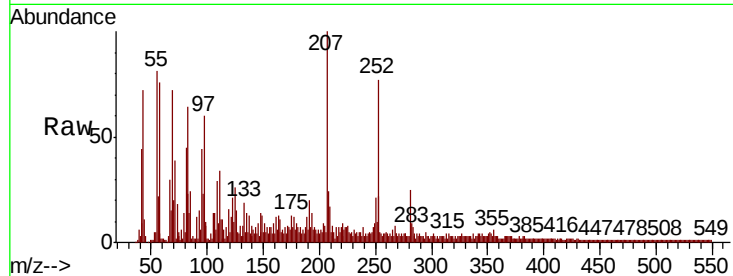
#88
Benzo(k)fluoranthene
Concen: 1.399 ng/ul m
RT: 22.98 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampled :
A4275

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.0#
125	34.1	7.5	11.3#

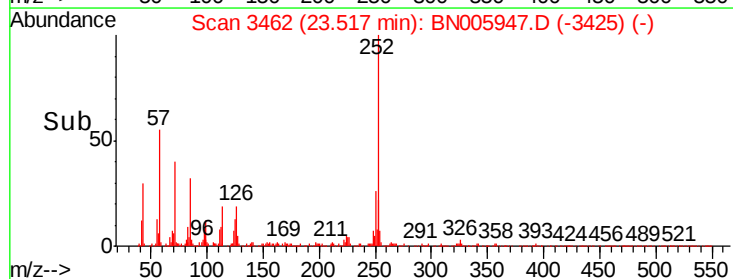
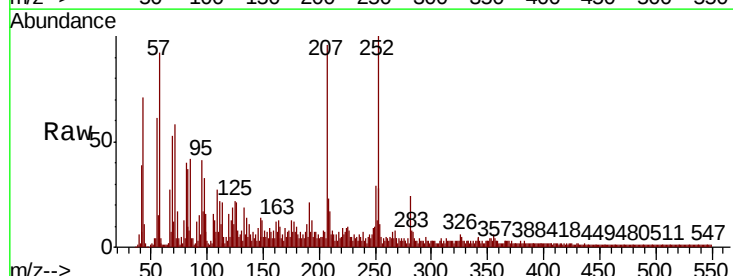
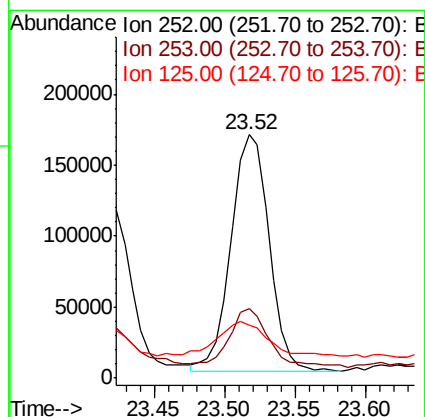
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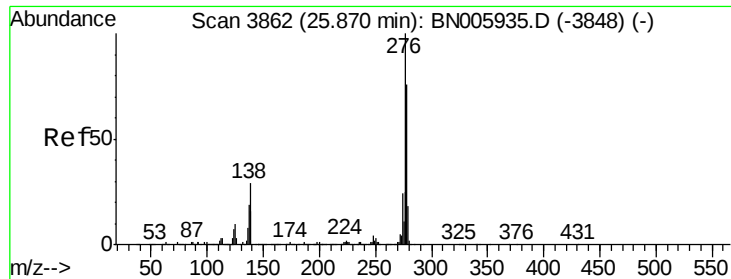
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#90
Benzo(a)pyrene
Concen: 2.769 ng/ul
RT: 23.52 min Scan# 3462
Delta R.T. 0.02 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.3	25.9#
125	21.9	8.6	13.0#





#91

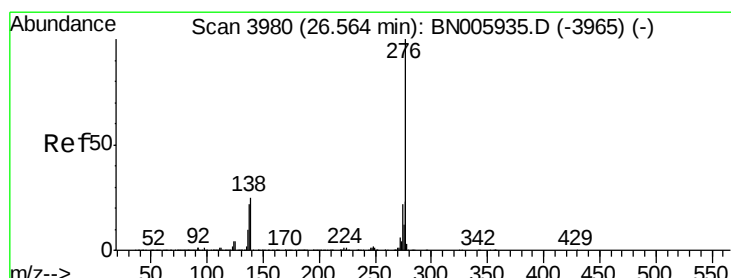
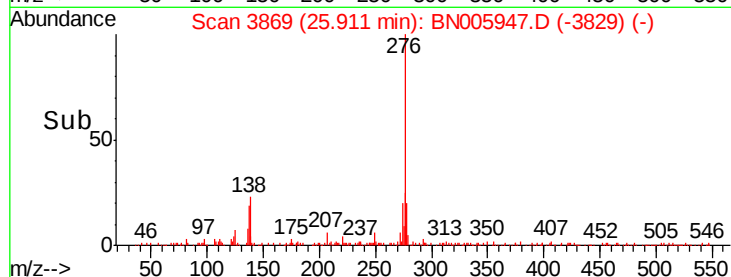
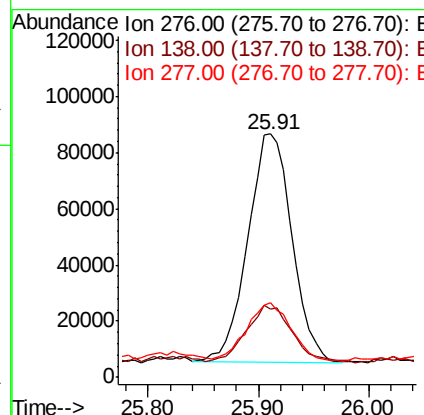
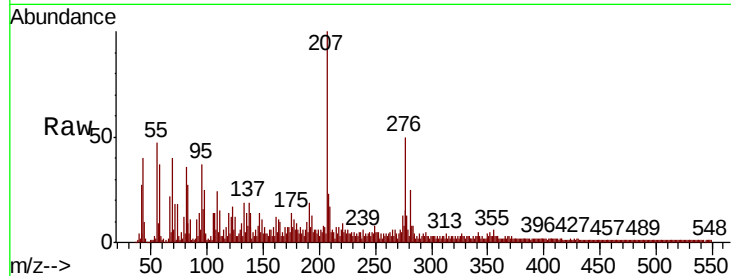
Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng/ul
RT: 25.91 min Scan# 3869
Delta R.T. 0.04 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Instrument :
BNA_N
ClientSampled :
A4275

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.9	26.9#
277	30.7	19.7	29.5#

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#93

Benzo(g,h,i)perylene
Concen: 1.332 ng/ul
RT: 26.61 min Scan# 3988
Delta R.T. 0.04 min
Lab File: BN005947.D
Acq: 30 May 2019 00:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	16.7	25.1#
277	33.2	18.2	27.2#

