

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005362.D
 Acq On : 29 Apr 2019 21:27
 Operator : JU/SJ
 Sample : K2455-22MEDL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Manual Integrations
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 5/3/2019 11:39:18 PM

Quant Time: Apr 30 02:50:05 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	317542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1337497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	806320	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1854041	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1856572	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2135423	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3226	0.49	ng/uL	0.00
5) Phenol-d5	6.78	99	50647	2.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	35395	2.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	42747	2.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	33216	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	23734	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	23093	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	41492	2.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	59484	3.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	166679	2.85	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	198678	2.76	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	15745m	1.70	ng/ul	0.03
57) Fluorene-d10	15.22	176	146163	2.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	9447	1.13	ng/ul	0.00
70) Anthracene-d10	17.07	188	234919	3.02	ng/ul	-0.01
78) Pyrene-d10	19.39	212	264850	2.79	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	266796	2.86	ng/ul	-0.04

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	6177908	99.358	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	3004085	65.984	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	213158	3.548	ng/ul#	95
47) Acenaphthylene	13.94	152	603278	8.539	ng/ul	98
49) Acenaphthene	14.29	153	75502	1.565	ng/ul	98
53) Dibenzofuran	14.63	168	72066	1.038	ng/ul	96
58) Fluorene	15.28	166	427735	7.894	ng/ul	97
69) Phenanthrene	17.02	178	1943422	21.523	ng/ul	99
71) Anthracene	17.11	178	398977	4.338	ng/ul	99
76) Fluoranthene	19.05	202	452945	4.522	ng/ul	98
79) Pyrene	19.42	202	723584	6.053	ng/ul	97
82) Benzo(a)anthracene	21.19	228	253651m	2.196	ng/ul	
84) Chrysene	21.24	228	216583	2.020	ng/ul	98
90) Benzo(a)pyrene	23.30	252	157966	1.400	ng/ul	96

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

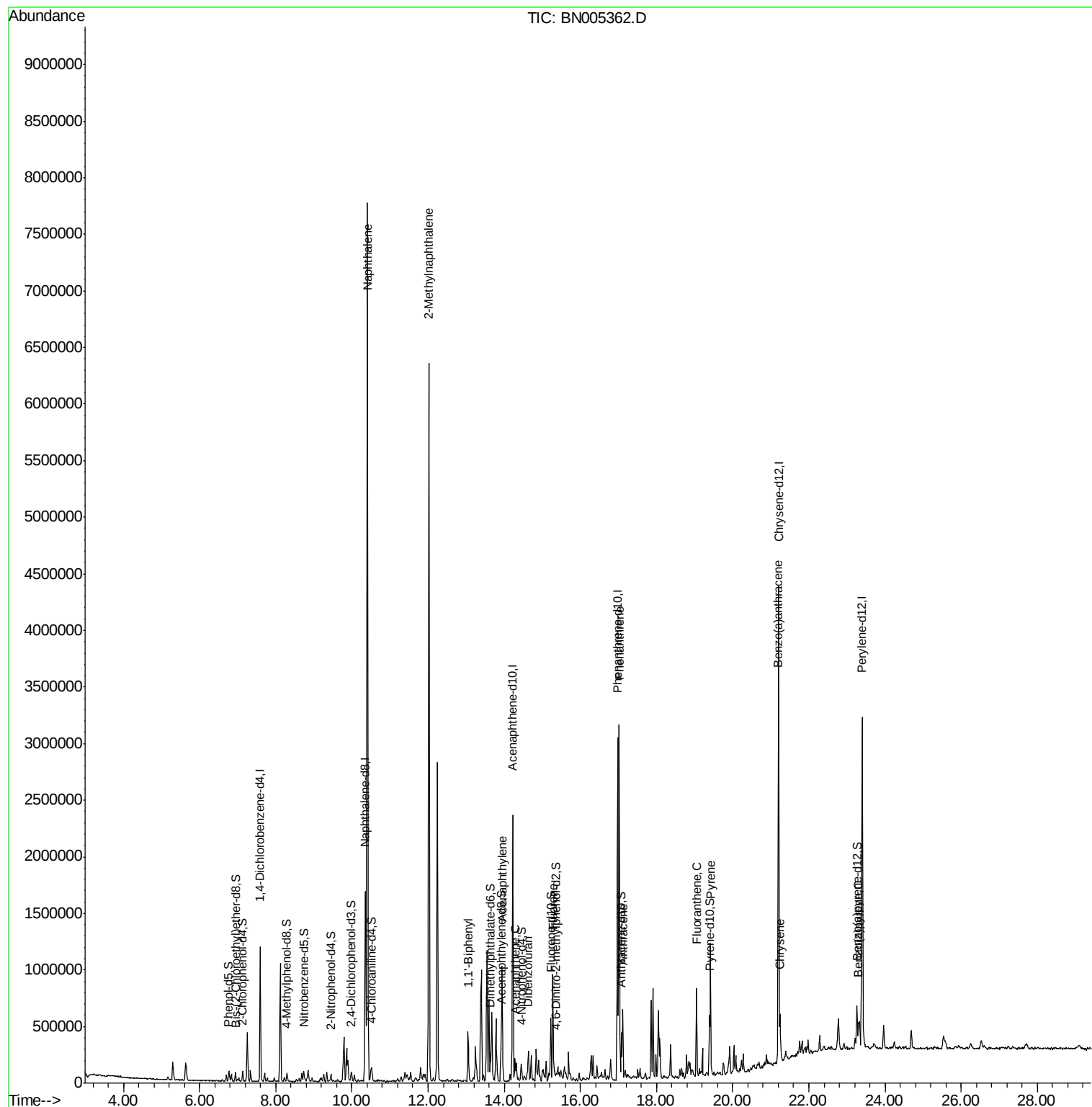
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005362.D
Acq On : 29 Apr 2019 21:27
Operator : JU/SJ
Sample : K2455-22MEDL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

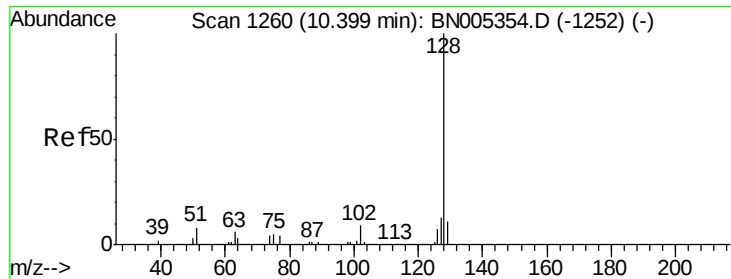
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Apr 30 02:50:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





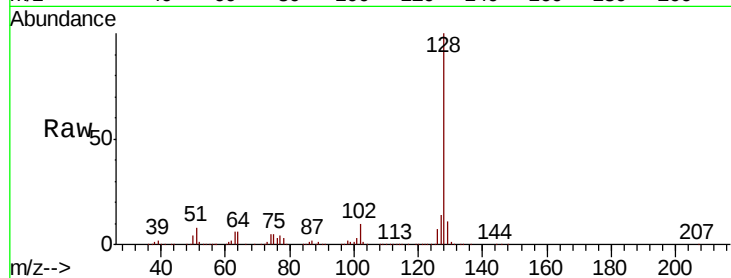
#28
Naphthalene
Concen: 99.358 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Instrument :
BNA_N
ClientSampleId :
GAHS2MEDL

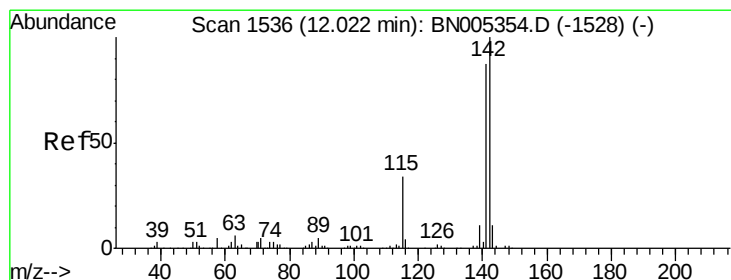
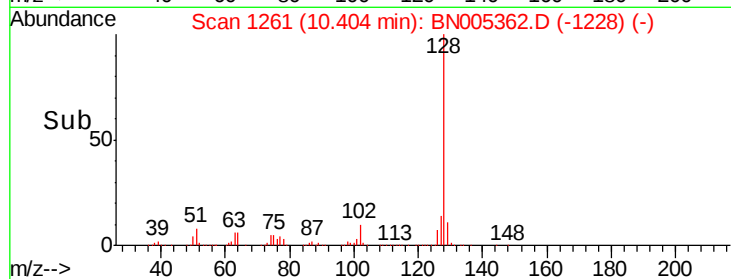
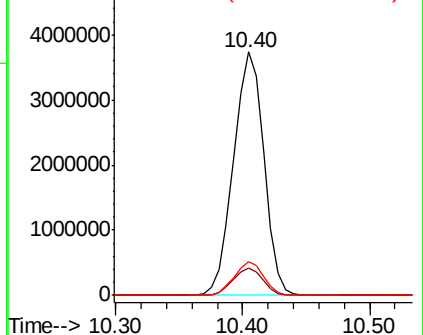
Tot Ion:128 Resp: 6177908
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.8 10.7 16.1

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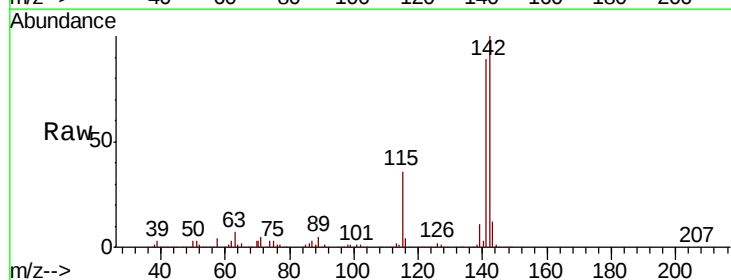


Abundance Ion 128.00 (127.70 to 128.70): E
5000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

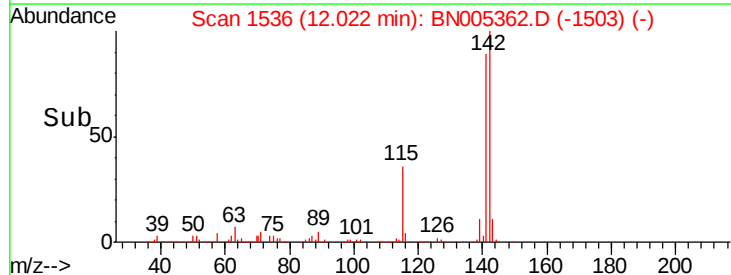
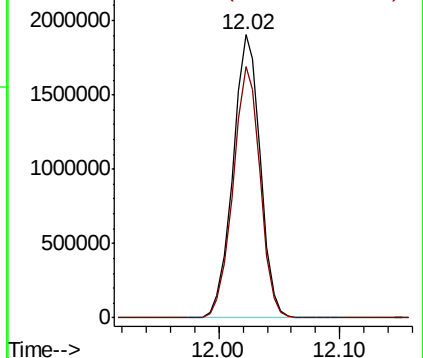


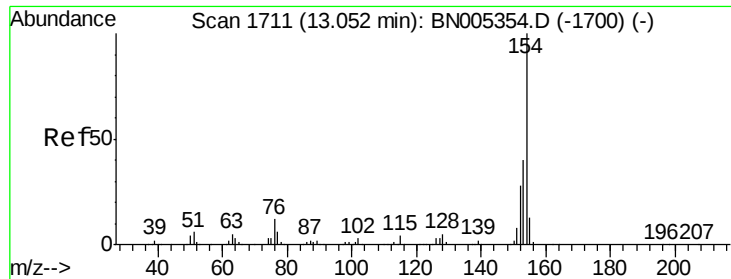
#34
2-Methylnaphthalene
Concen: 65.984 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion:142 Resp: 3004085
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E





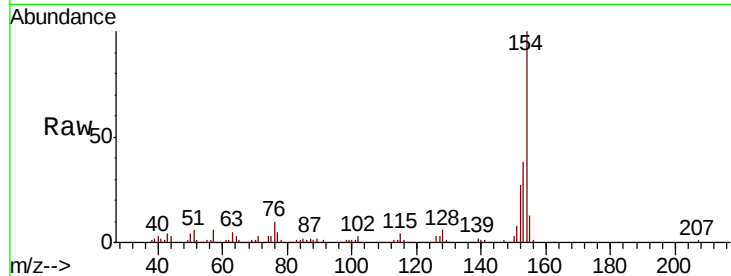
#40
 1,1'-Biphenyl
 Concen: 3.548 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
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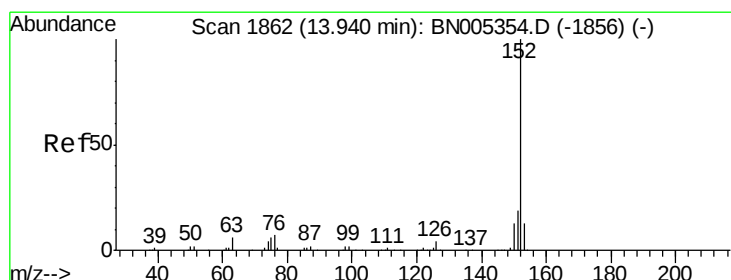
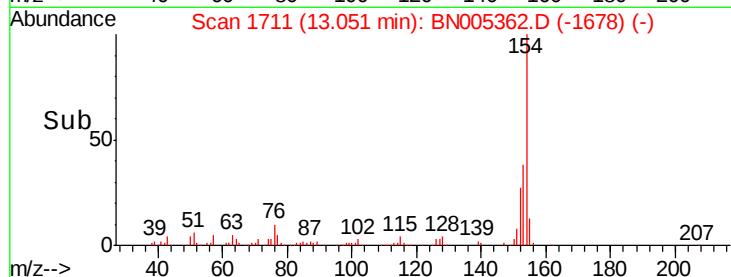
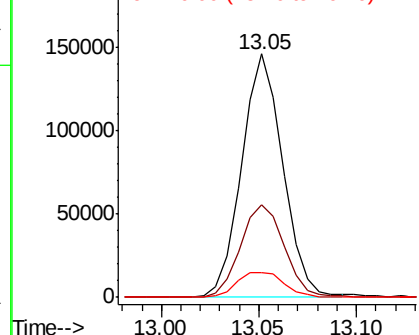
Tot Ion	Ratio	Resp	Lower	Upper
154	100	213158		
153	38.2		32.6	49.0
76	10.1		10.4	15.6

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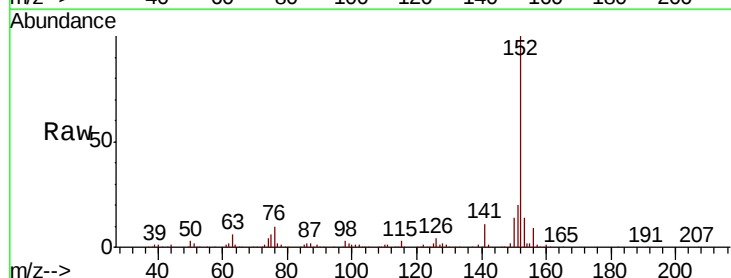


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

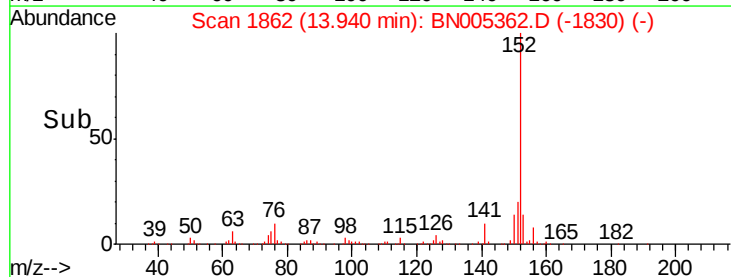
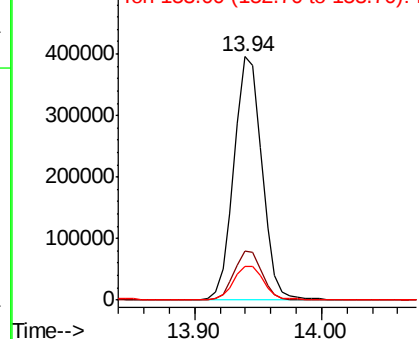


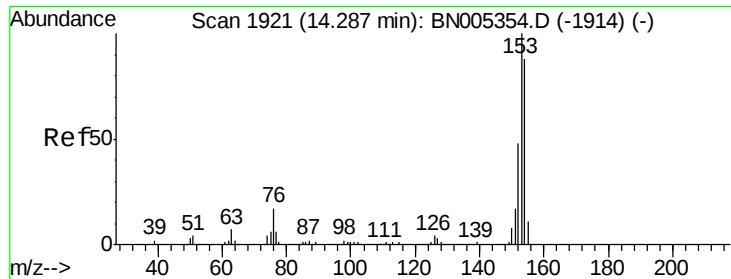
#47
 Acenaphthylene
 Concen: 8.539 ng/ul
 RT: 13.94 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	603278		
151	20.2		15.8	23.8
153	13.9		9.8	14.8



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 1.565 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

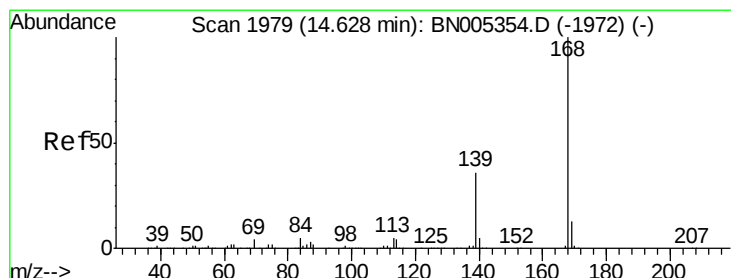
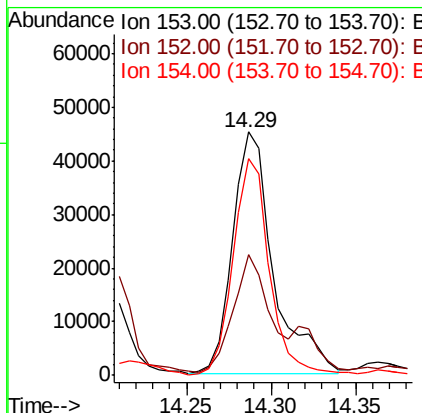
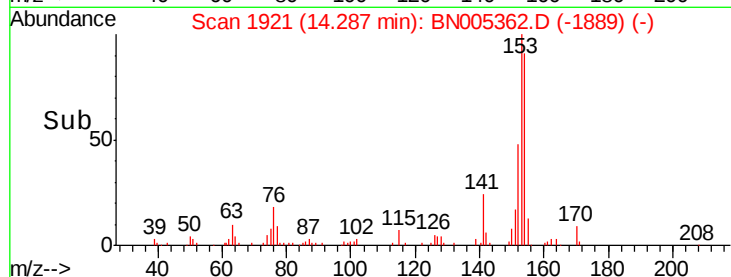
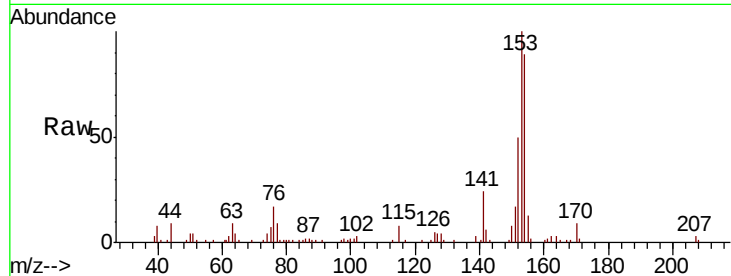
ClientSampleId :

GAHS2MEDL

Tot Ion:153	Resp:	75502
Ion Ratio	Lower	Upper
153	100	
152	49.7	37.4 56.0
154	88.9	71.2 106.8

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#53

Dibenzofuran

Concen: 1.038 ng/ul

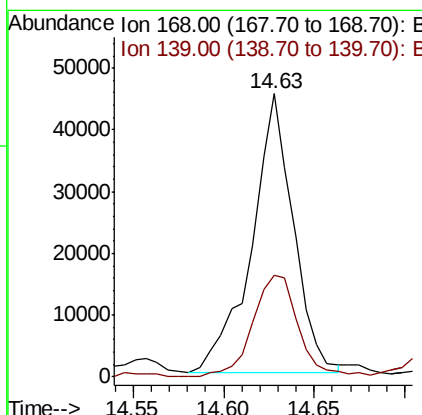
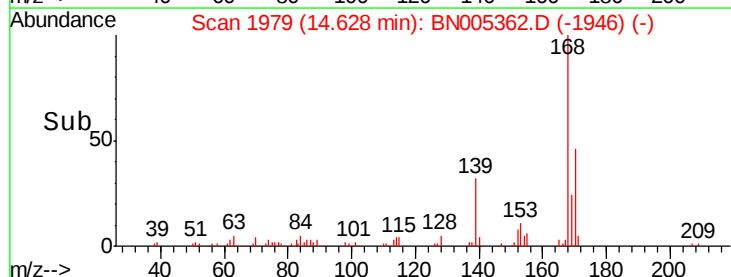
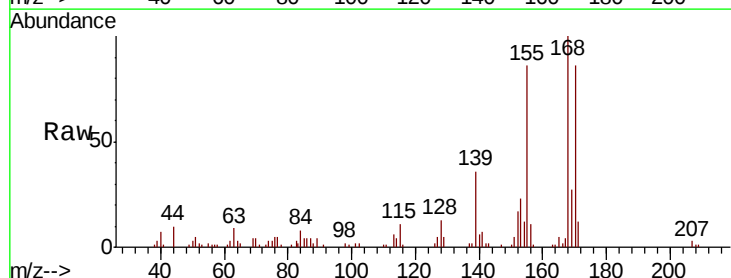
RT: 14.63 min Scan# 1979

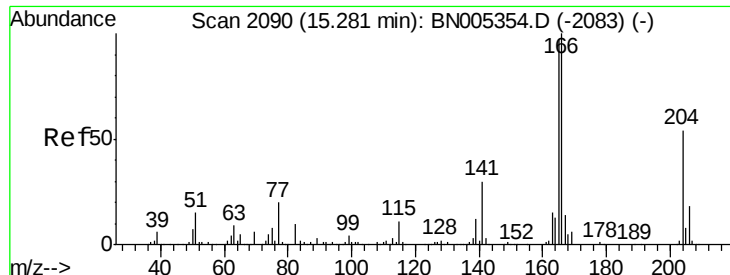
Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Tgt Ion:168	Resp:	72066
Ion Ratio	Lower	Upper
168	100	
139	36.1	30.9 46.3





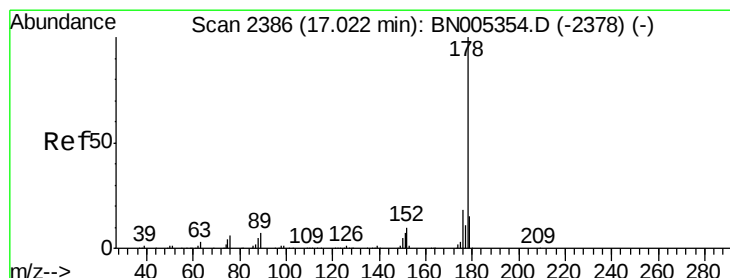
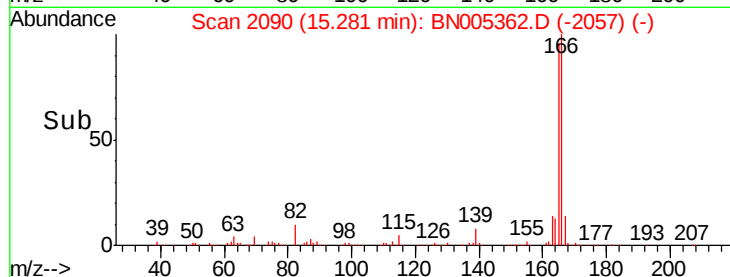
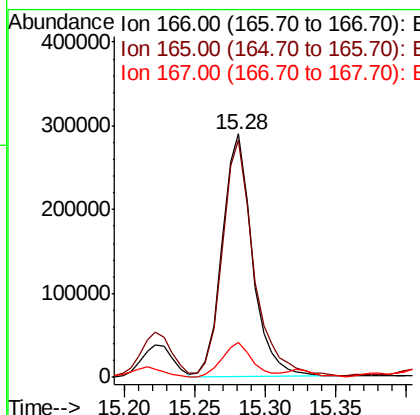
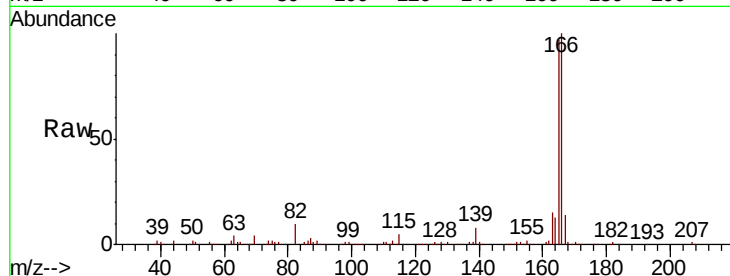
#58
 Fluorene
 Concen: 7.894 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	14.4	10.7	16.1

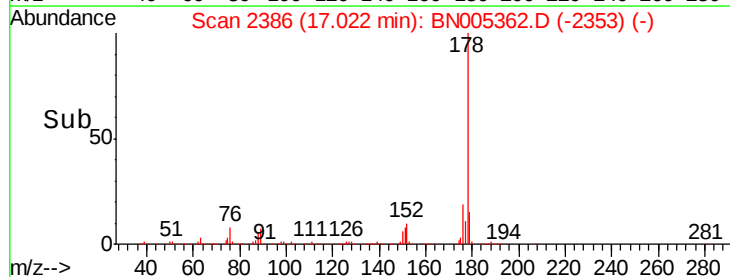
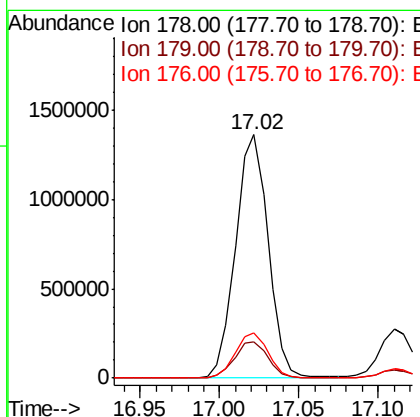
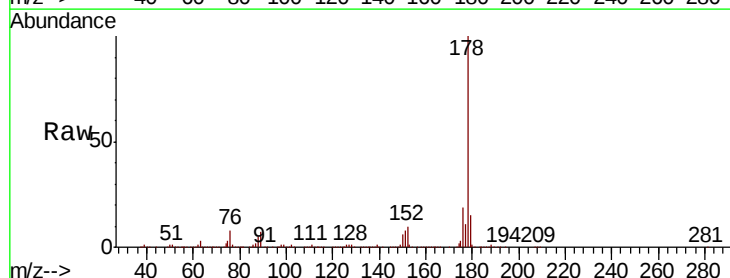
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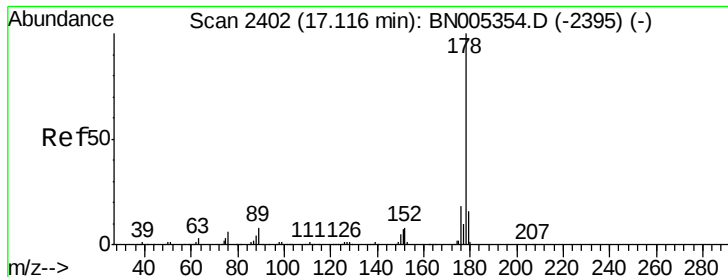
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#69
 Phenanthrene
 Concen: 21.523 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	15.1	22.7





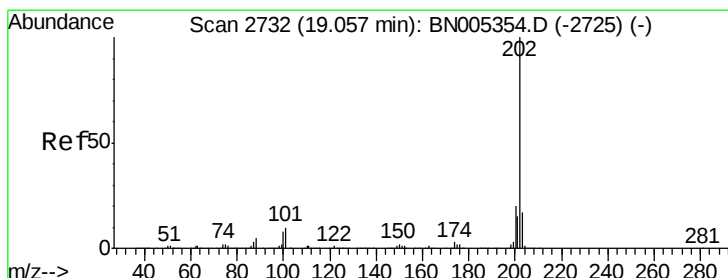
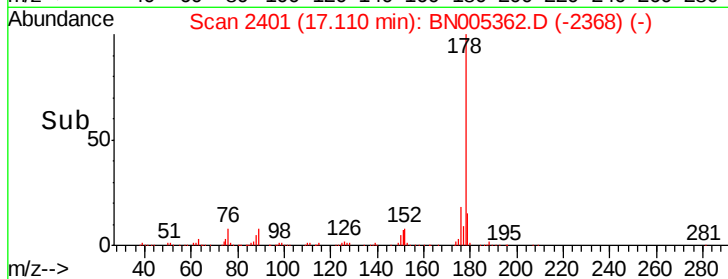
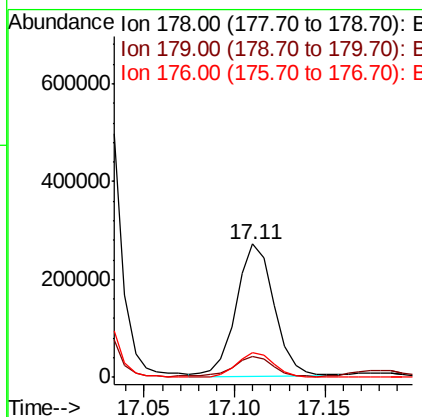
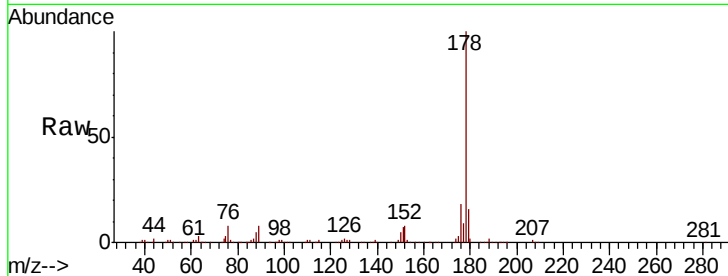
#71
 Anthracene
 Concen: 4.338 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Instrument :
 BNA_N
 ClientSampleId :
 GAHS2MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.2	15.1	22.7

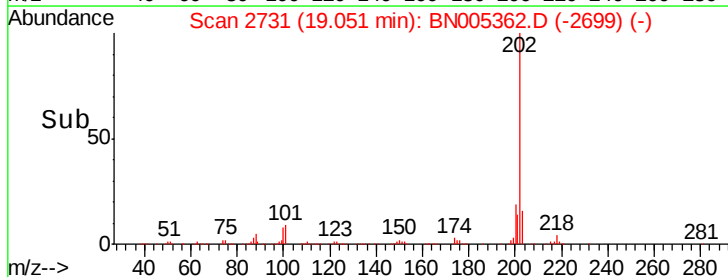
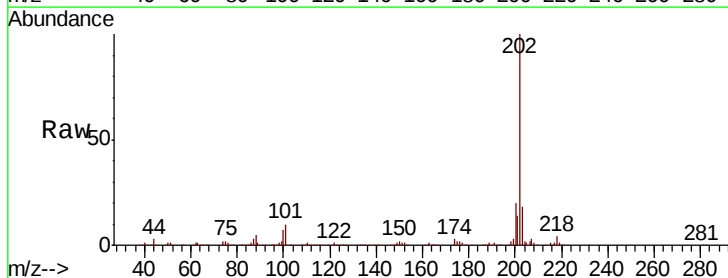
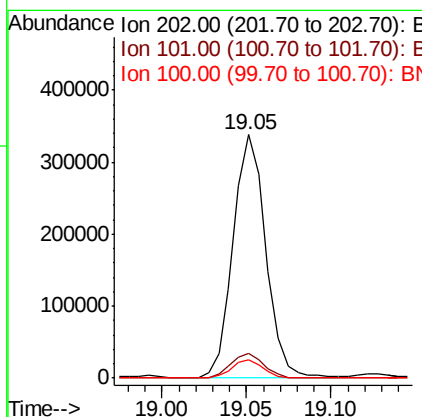
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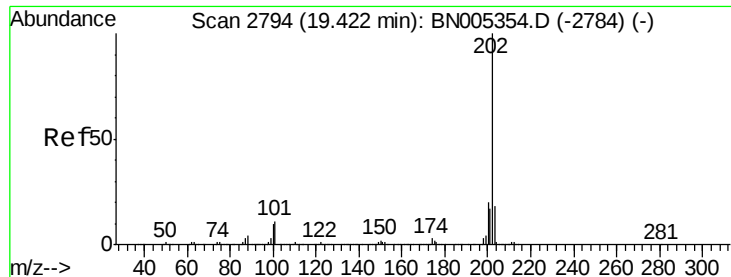
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#76
 Fluoranthene
 Concen: 4.522 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN005362.D
 Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	7.4	6.3	9.5





#79

Pvrene

Concen: 6.053 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

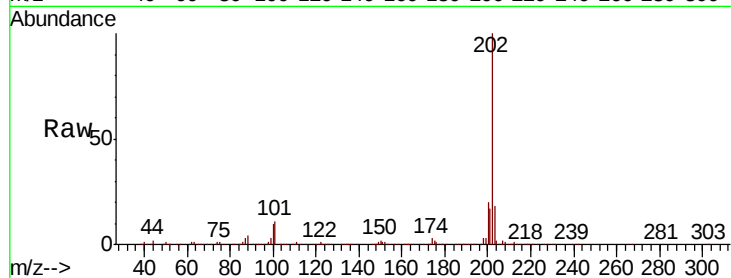
ClientSampleId :

GAHS2MEDL

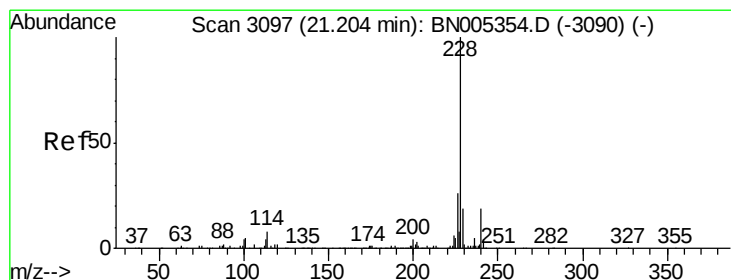
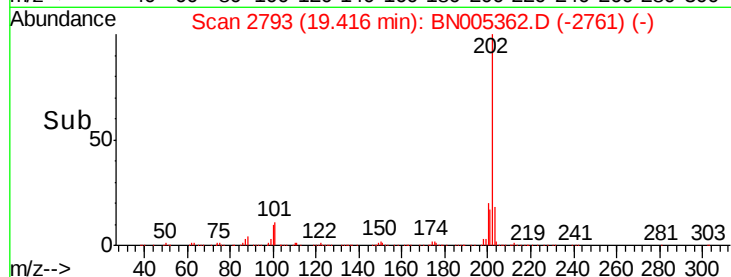
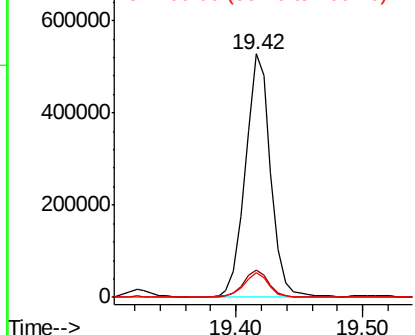
Tot Ion:	202	Resp:	723584
Ion Ratio	Lower	Upper	
202	100		
101	11.0	10.3	15.5
100	10.0	7.9	11.9

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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



#82

Benzo(a)anthracene

Concen: 2.196 ng/ul m

RT: 21.19 min Scan# 3095

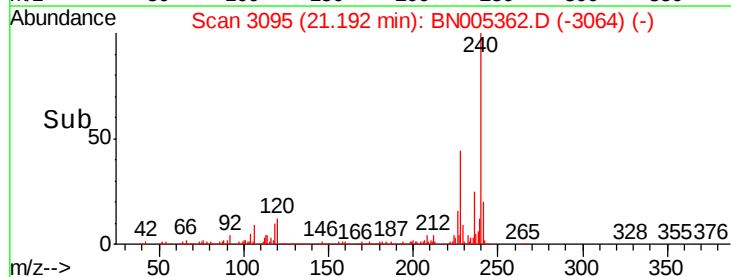
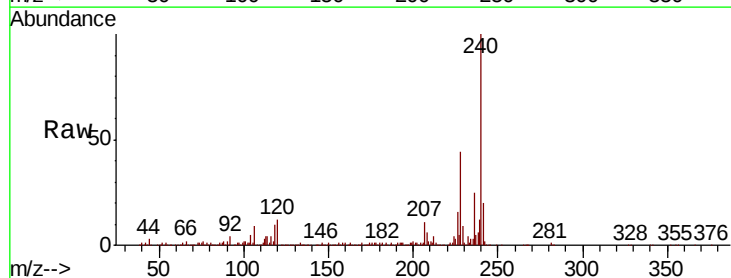
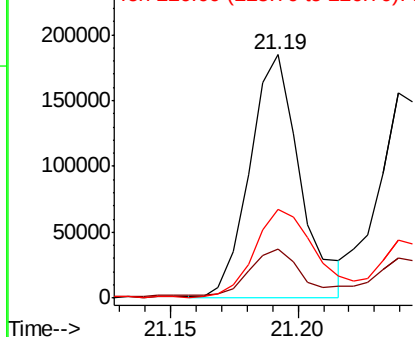
Delta R.T. -0.02 min

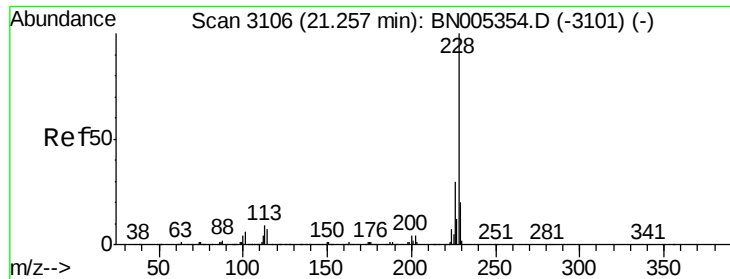
Lab File: BN005362.D

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Tgt Ion:	228	Resp:	253651
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.8	23.6
226	36.3	21.4	32.2#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





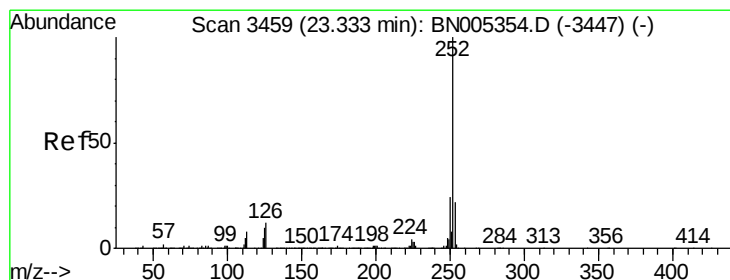
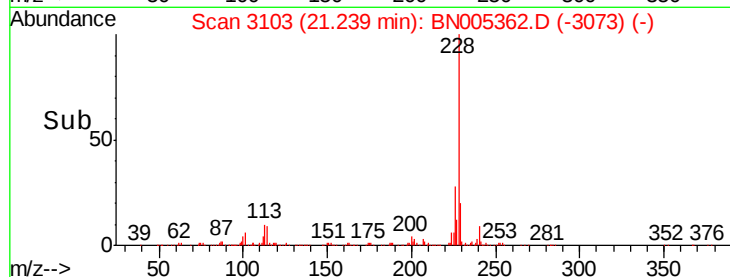
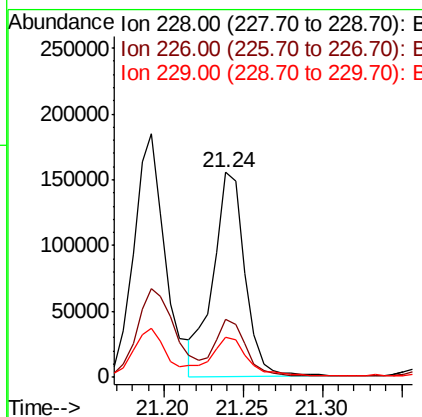
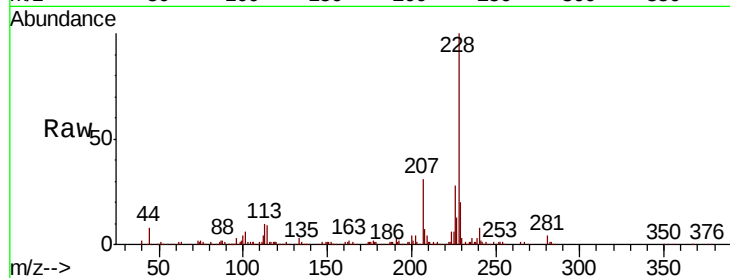
#84
Chrysene
Concen: 2.020 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Instrument :
BNA_N
ClientSampleId :
GAHS2MEDL

Tot Ion:	228	Resp:	216583
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.0	36.0
229	19.8	15.4	23.0

Manual Integrations
APPROVED

Sohil
5/3/2019 11:39:18 PM



#90
Benzo(a)pyrene
Concen: 1.400 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.04 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion:	252	Resp:	157966
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	9.4	8.6	13.0

