

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009544.D
 Acq On : 04 Feb 2020 00:35
 Operator : CG/JU
 Sample : L1342-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AG8

Manual Integrations
 APPROVED

mohammad
 2/4/2020 6:14:48 PM

Quant Time: Feb 04 03:02:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	161930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	683243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	430737	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	860680	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	762330	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	842354	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	10767	2.73	ng/uL	0.00
5) Phenol-d5	6.64	99	199479	14.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	152627	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	155787	14.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	161826	14.39	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	80519	15.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	89697	15.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	160802	15.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	129262	11.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	555839	17.68	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	570027	15.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	71347	12.01	ng/ul	0.00
57) Fluorene-d10	15.08	176	451838	16.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	69482	12.93	ng/ul	0.00
70) Anthracene-d10	16.93	188	677148	17.31	ng/ul	0.00
78) Pyrene-d10	19.23	212	689167	17.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	652426	15.73	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.55	163	88395	2.649	ng/ul 98
47) Acenaphthylene	13.79	152	79609	1.915	ng/ul 99
69) Phenanthrene	16.87	178	233125	4.750	ng/ul 99
71) Anthracene	16.97	178	54117	1.087	ng/ul 96
76) Fluoranthene	18.90	202	646935	11.548	ng/ul 100
79) Pyrene	19.26	202	584765	10.508	ng/ul 99
82) Benzo(a)anthracene	21.03	228	350015	6.650	ng/ul 93
83) Bis(2-ethylhexyl)phthalate	20.99	149	164210	4.888	ng/ul 98
84) Chrysene	21.07	228	394404	7.527	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	487387	9.248	ng/ul 97
88) Benzo(k)fluoranthene	22.57	252	194449m	3.746	ng/ul
90) Benzo(a)pyrene	23.06	252	332130	6.802	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.22	276	237293	4.088	ng/ul 94
92) Dibenzo(a,h)anthracene	25.21	278	62350m	1.276	ng/ul
93) Benzo(g,h,i)perylene	25.84	276	191493	3.936	ng/ul# 90

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

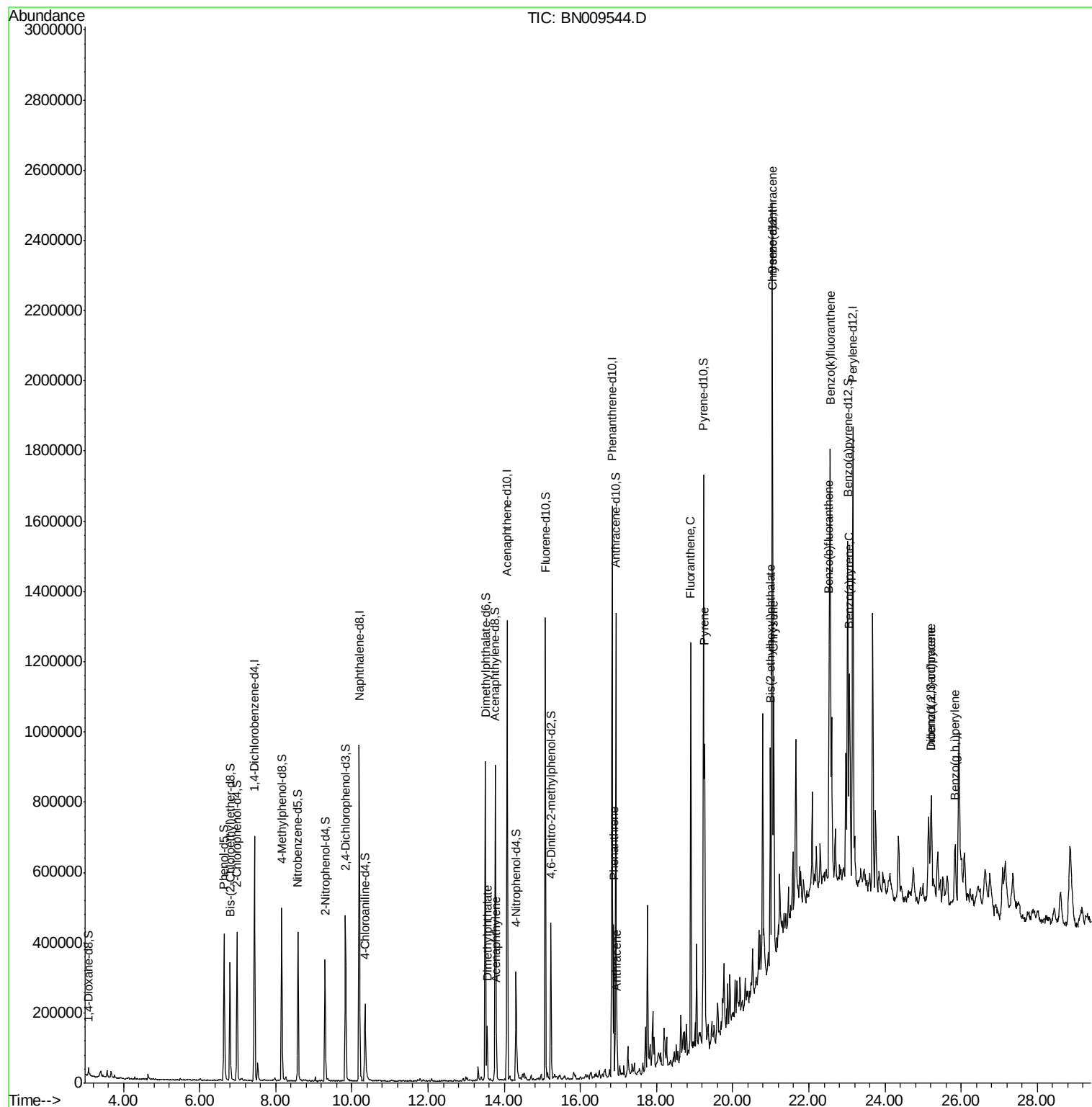
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009544.D
Acq On : 04 Feb 2020 00:35
Operator : CG/JU
Sample : L1342-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

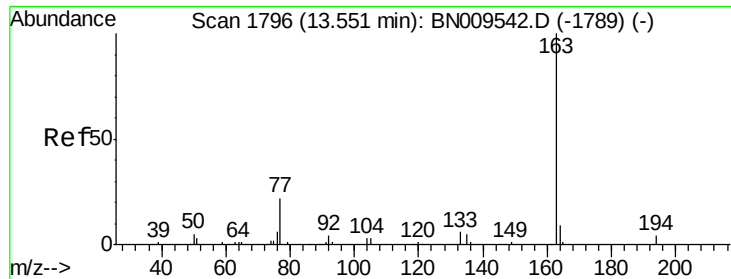
Instrument :
BNA_N
ClientSampleId :
B0AG8

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Quant Title : SVOA CALIBRATION
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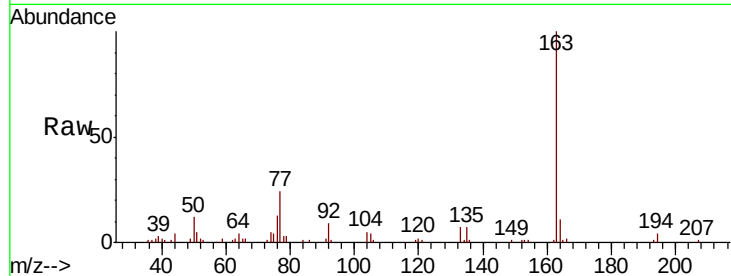
#44
Dimethylphthalate
Concen: 2.649 ng/ul
RT: 13.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Instrument :
BNA_N
ClientSampleId :
B0AG8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	88395		
194	4.3		3.5	5.3
164	11.1		8.0	12.0

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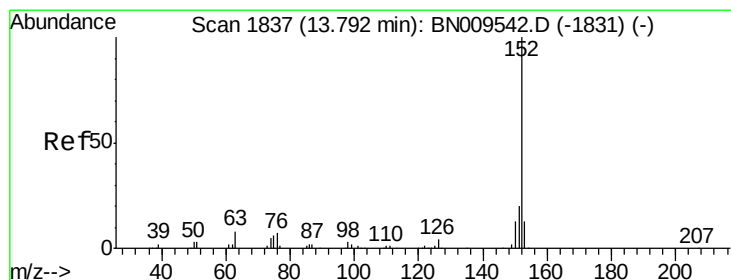
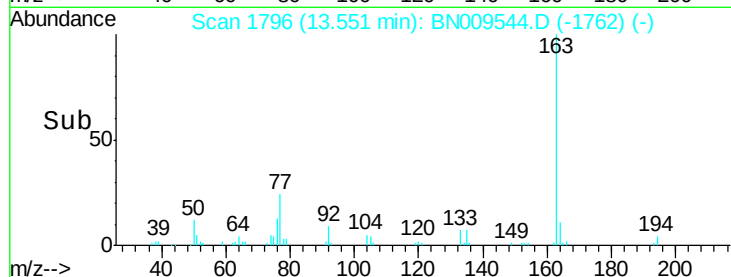
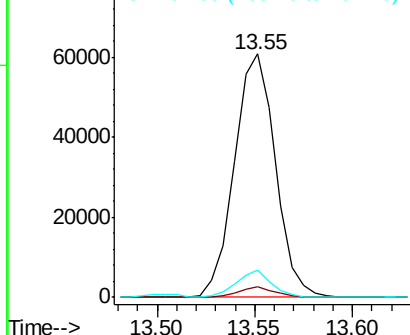


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 1.915 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

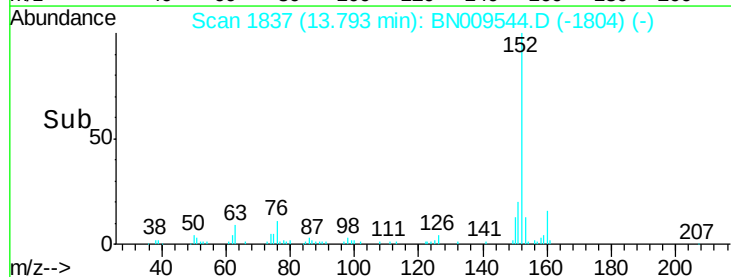
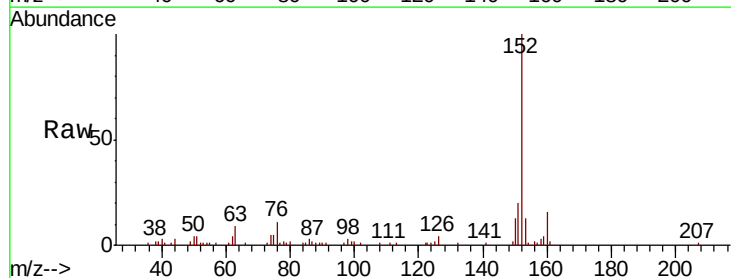
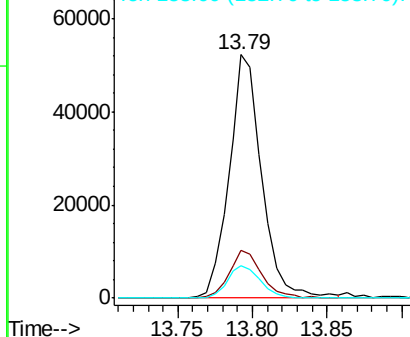
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	79609		
151	19.6		16.2	24.2
153	13.5		10.6	15.8

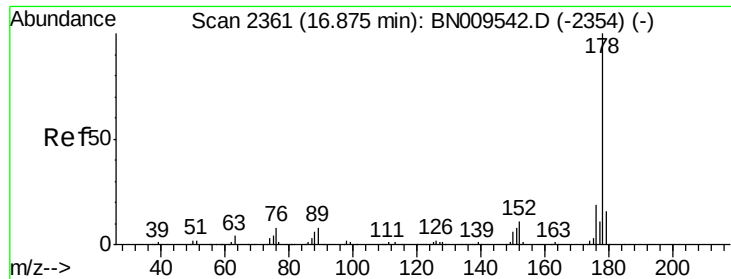
Abundance

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





#69

Phenanthrene

Concen: 4.750 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

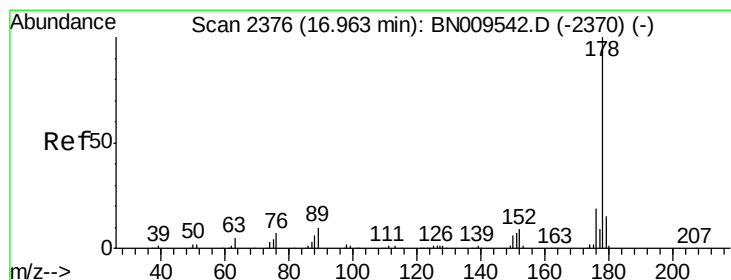
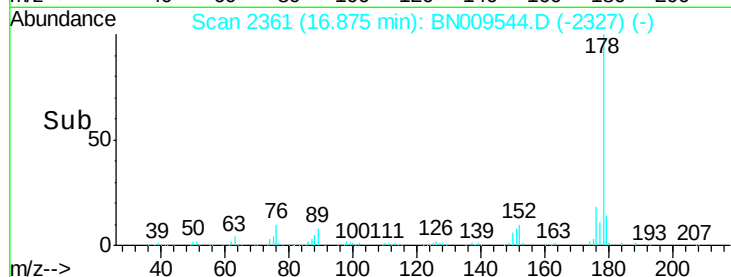
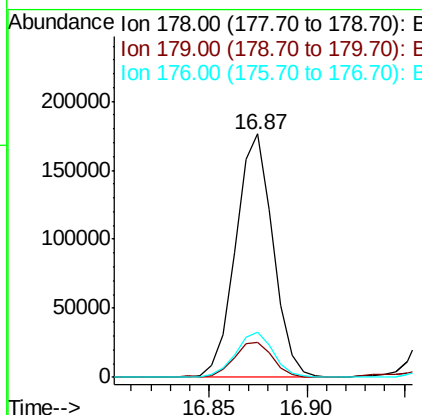
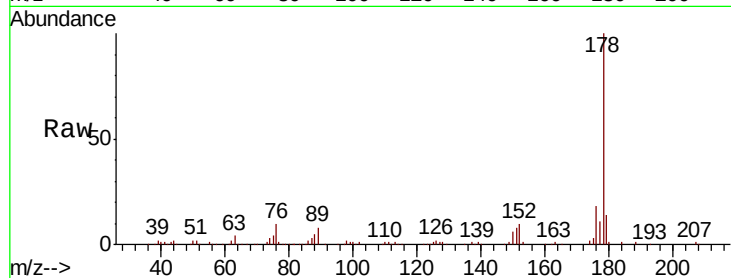
ClientSampleId :

B0AG8

Tot Ion:	178	Resp:	233125
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.2	18.2
176	18.5	14.8	22.2

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#71

Anthracene

Concen: 1.087 ng/ul

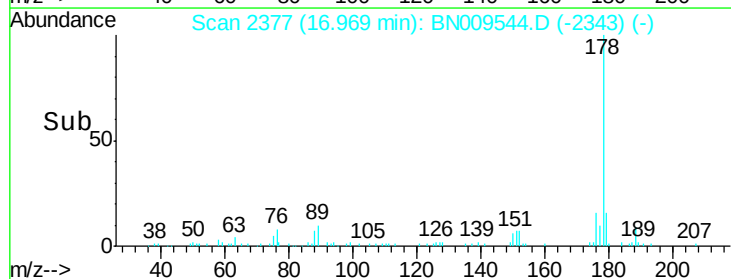
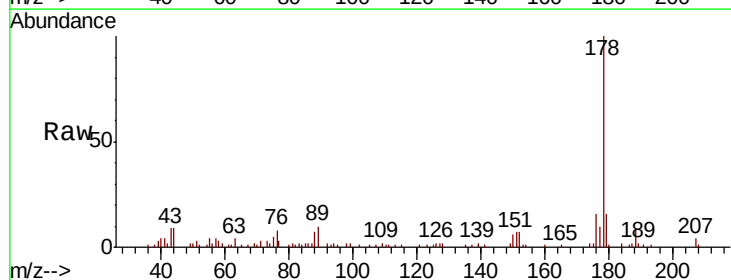
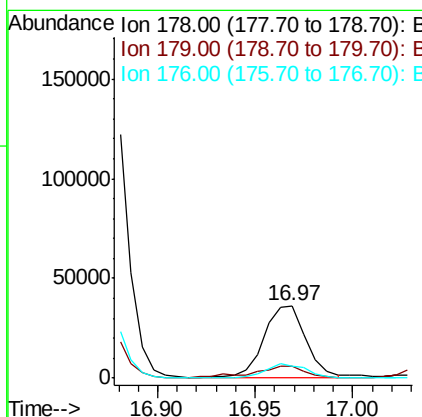
RT: 16.97 min Scan# 2377

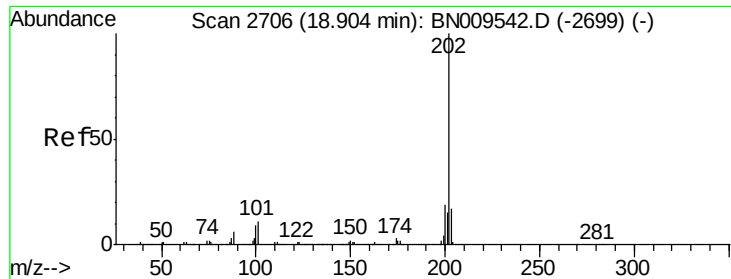
Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Tgt Ion:	178	Resp:	54117
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	15.6	14.6	21.8





#76

Fluoranthene

Concen: 11.548 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

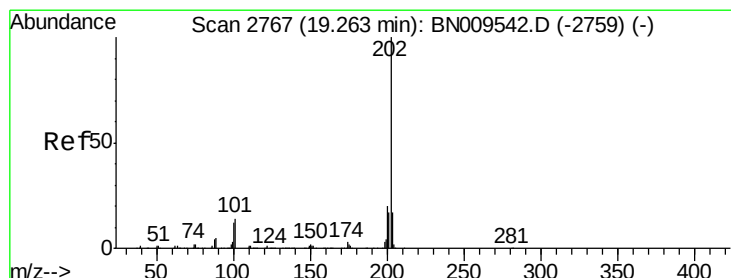
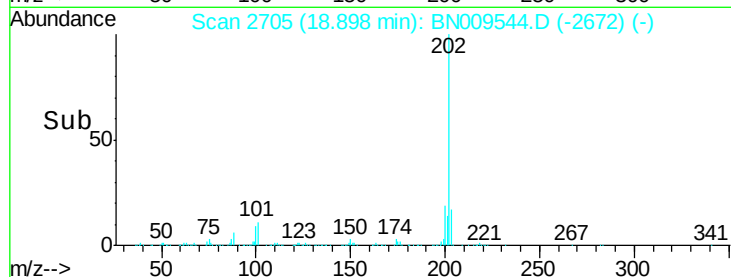
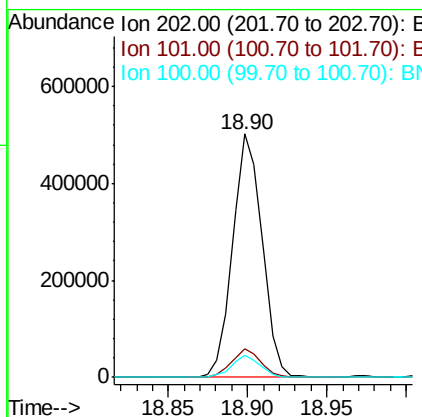
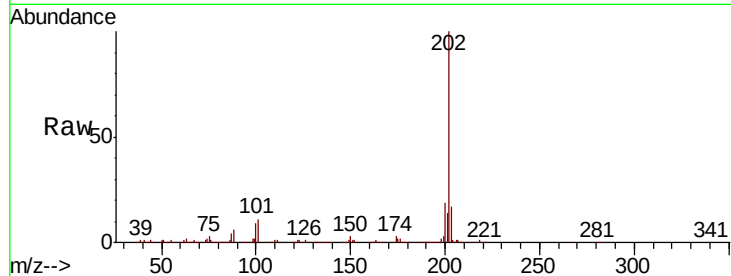
ClientSampleId :

B0AG8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		646935		
101	11.5	9.2	13.8		
100	8.9	6.9	10.3		

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#79

Pyrene

Concen: 10.508 ng/ul

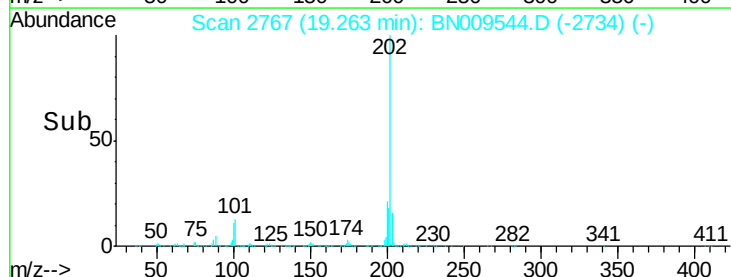
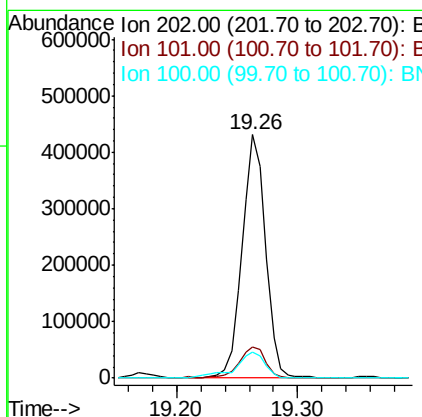
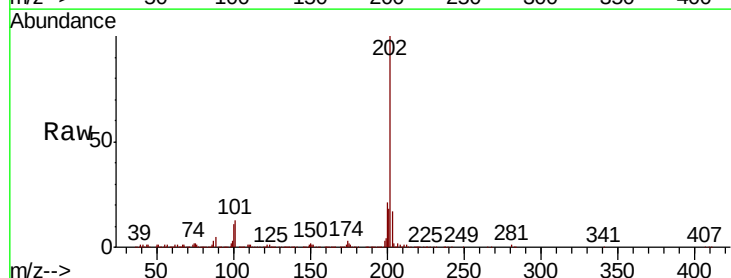
RT: 19.26 min Scan# 2767

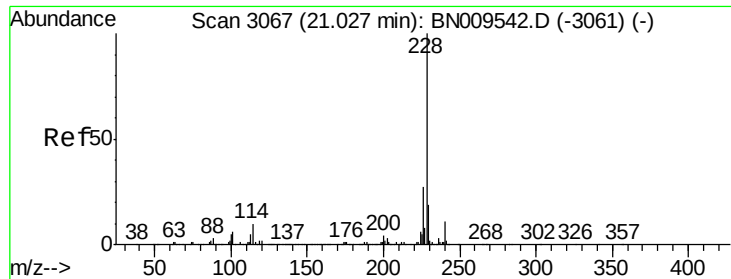
Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		584765		
101	12.9	10.3	15.5		
100	10.9	8.4	12.6		





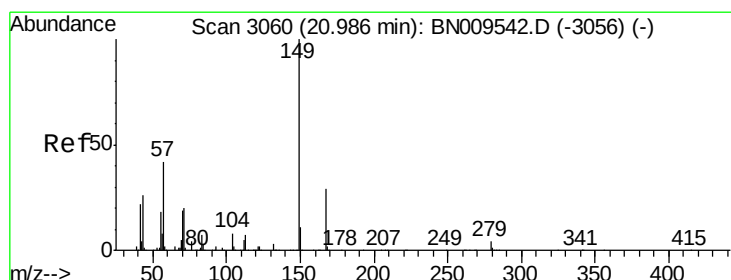
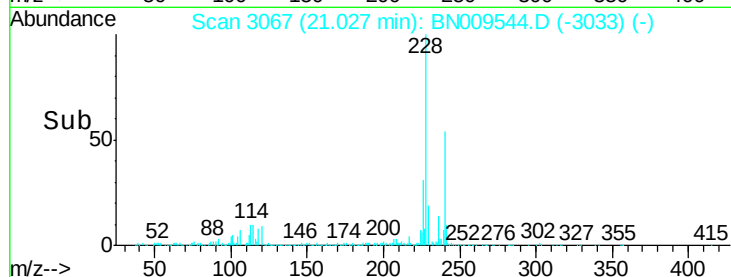
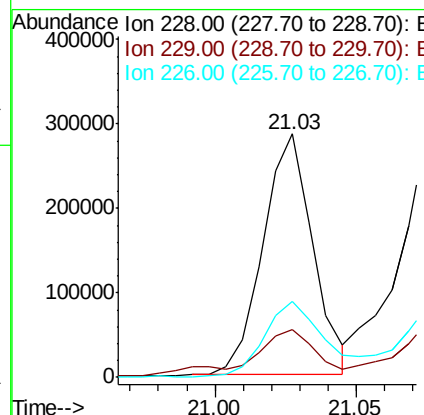
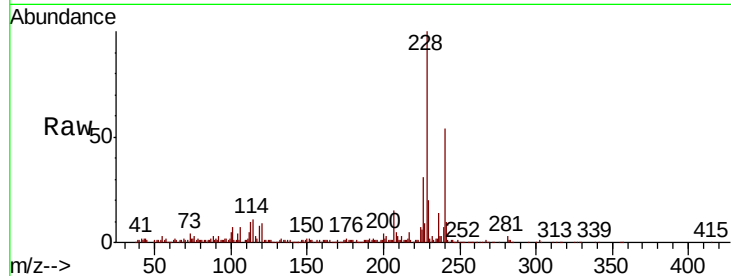
#82
Benzo(a)anthracene
Concen: 6.650 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Instrument :
BNA_N
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.0	22.4
226	31.0	20.9	31.3

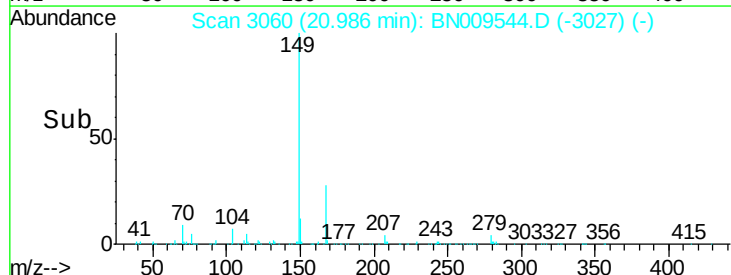
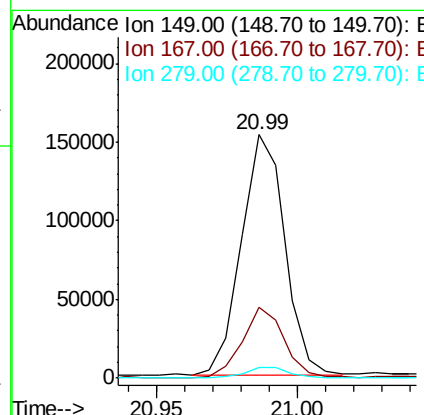
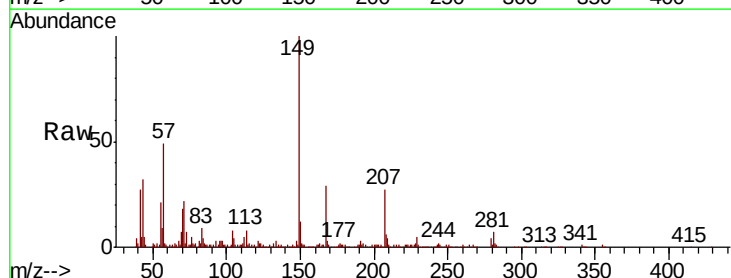
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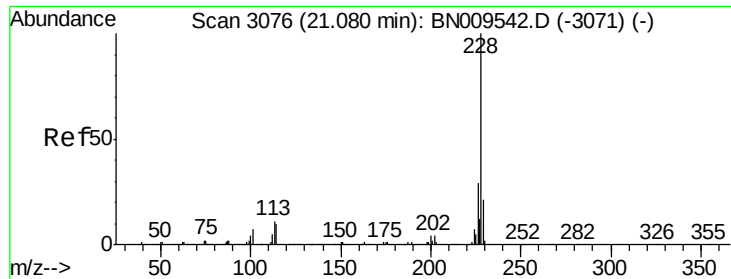
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#83
Bis(2-ethylhexyl)phthalate
Concen: 4.888 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.1	33.1
279	4.4	3.3	4.9





#84

Chrysene

Concen: 7.527 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

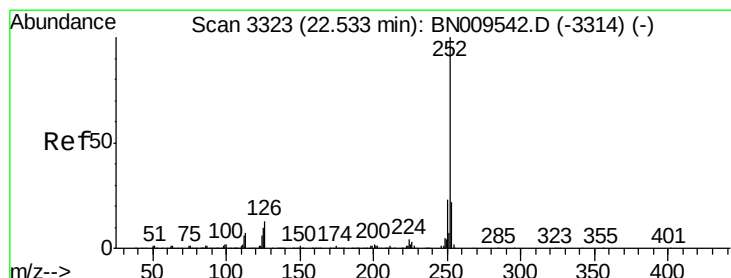
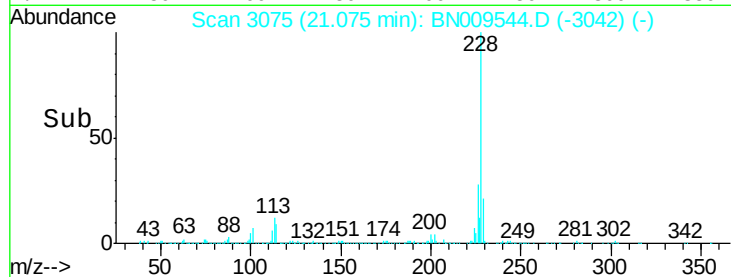
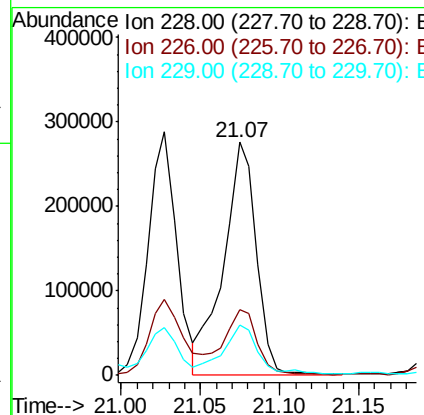
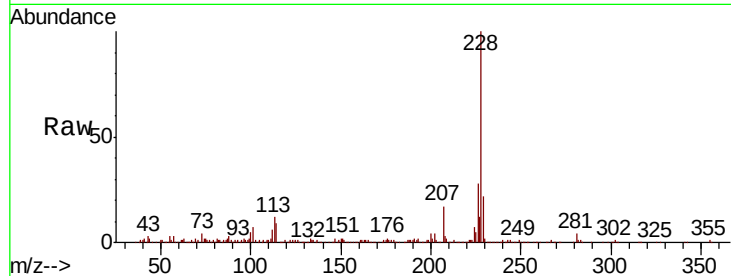
ClientSampleId :

B0AG8

Tot Ion:	228	Resp:	394404
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.5	35.3
229	21.8	15.8	23.8

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#87

Benzo(b)fluoranthene

Concen: 9.248 ng/ul

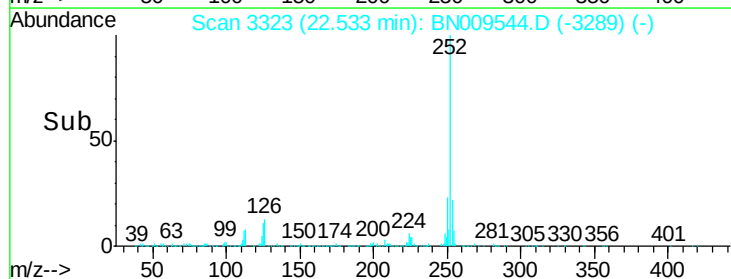
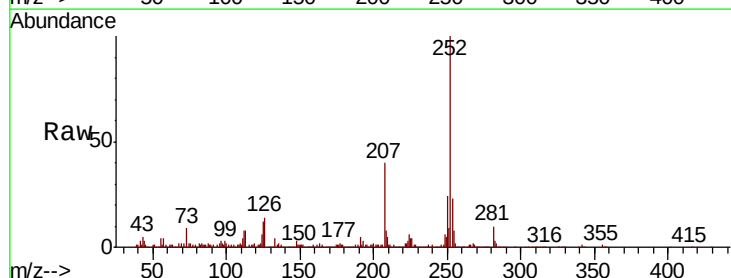
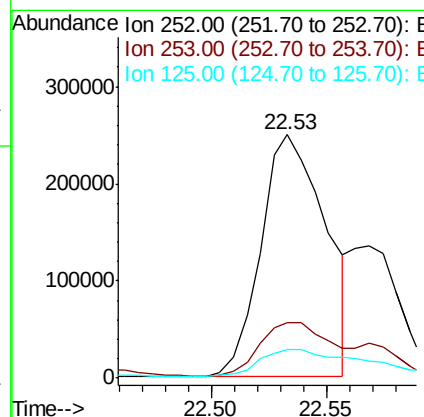
RT: 22.53 min Scan# 3323

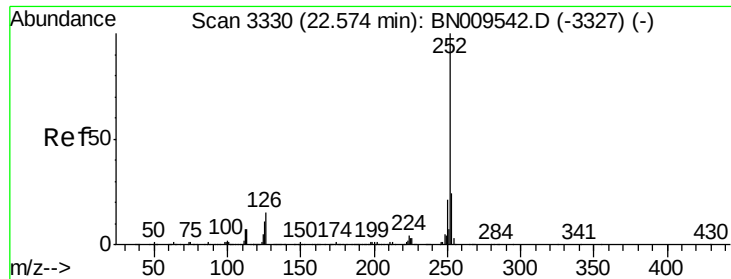
Delta R.T. 0.00 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Tgt Ion:	252	Resp:	487387
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	11.7	8.2	12.2





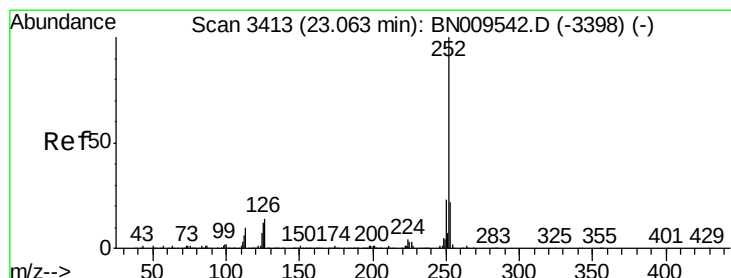
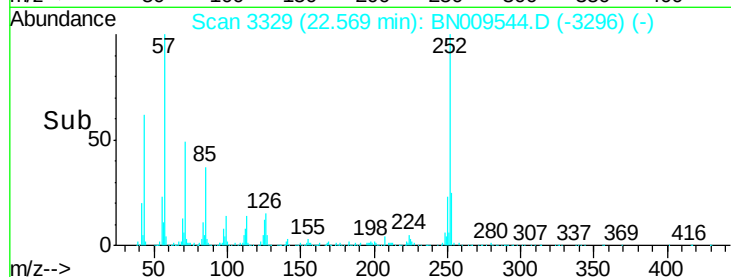
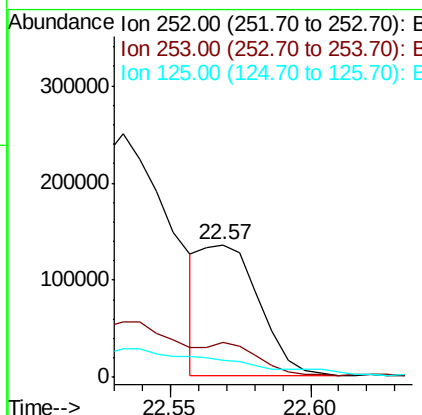
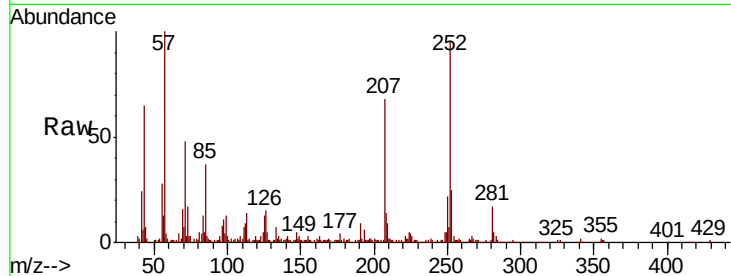
#88
Benzo(k)fluoranthene
Concen: 3.746 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Instrument :
BNA_N
ClientSampled :
B0AG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.4#
125	13.3	8.0	12.0#

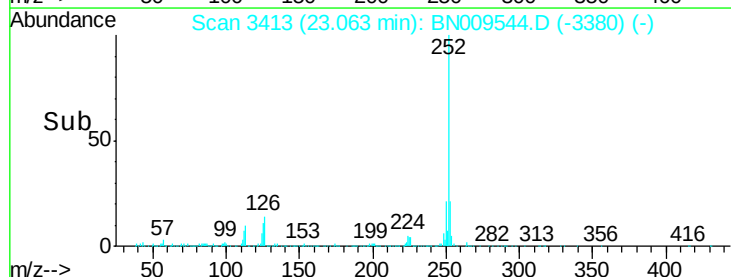
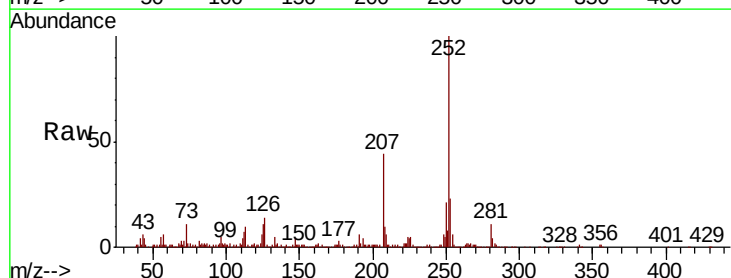
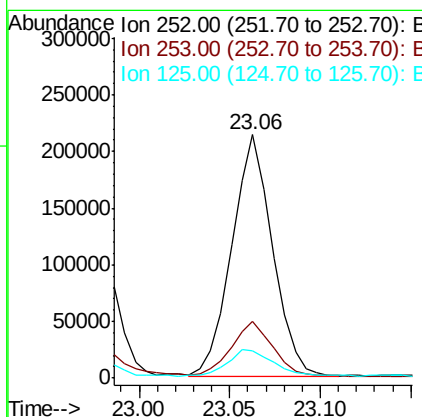
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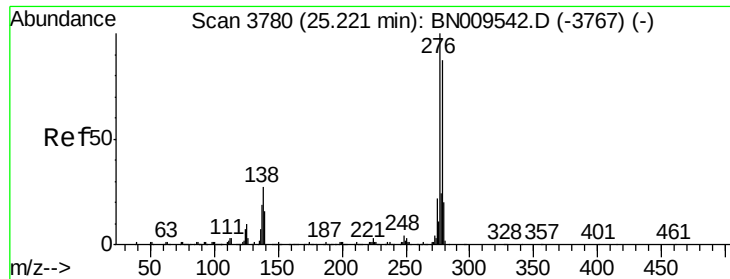
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#90
Benzo(a)pyrene
Concen: 6.802 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	15.8	23.8
125	11.4	8.7	13.1





#91

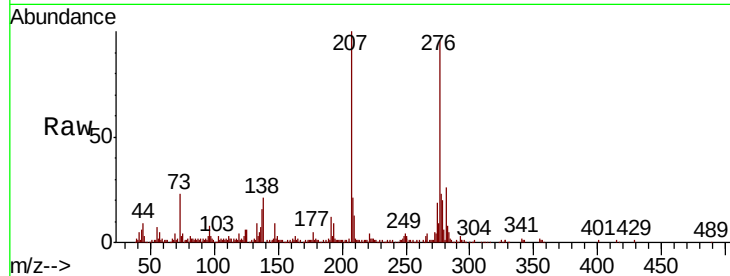
Indeno(1,2,3-cd)pyrene
Concen: 4.088 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Instrument :
BNA_N
ClientSampled :
B0AG8

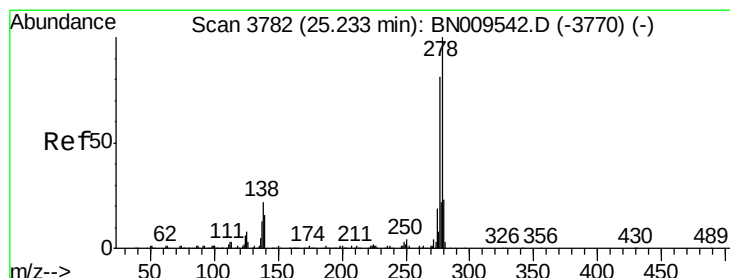
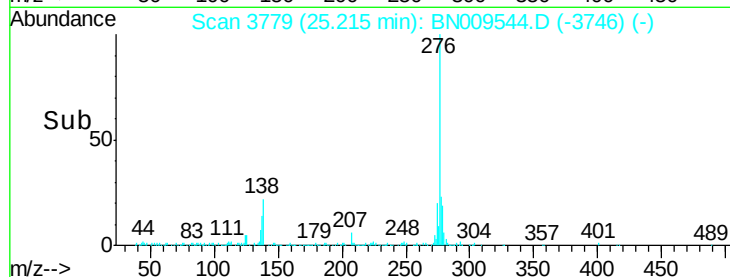
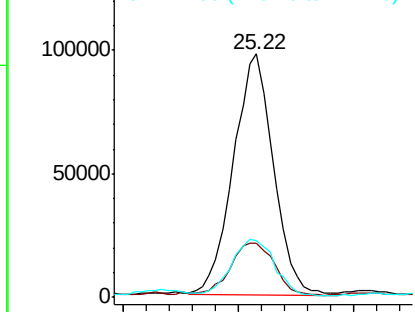
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.5	21.2	31.8

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:48 PM



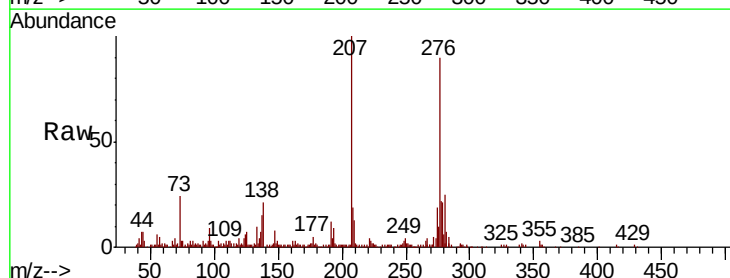
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



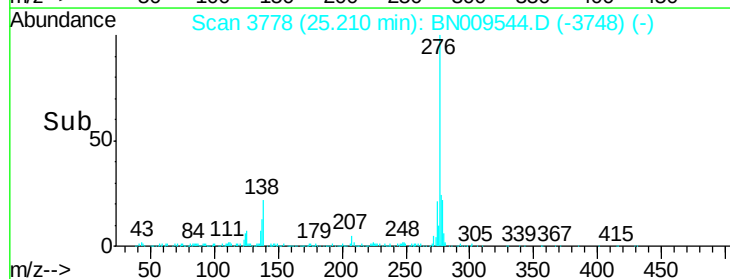
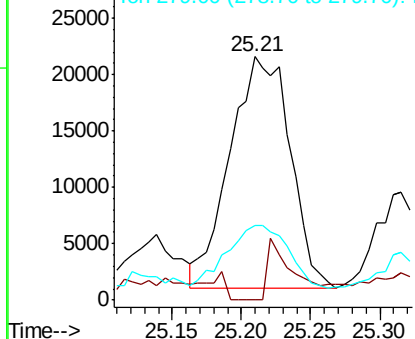
#92

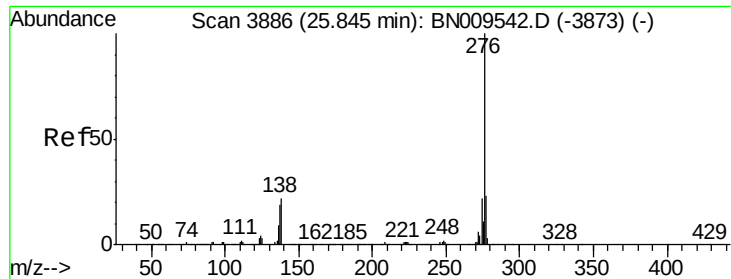
Dibenzo(a,h)anthracene
Concen: 1.276 ng/ul m
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009544.D
Acq: 04 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	30.6	19.8	29.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.936 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009544.D

Acq: 04 Feb 2020 00:35

Instrument :

BNA_N

ClientSampleId :

B0AG8

Tot Ion:	276	Resp:	191493
Ion Ratio	Lower	Upper	
276	100		
138	23.9	16.0	24.0
277	26.7	17.0	25.6#

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:48 PM

