

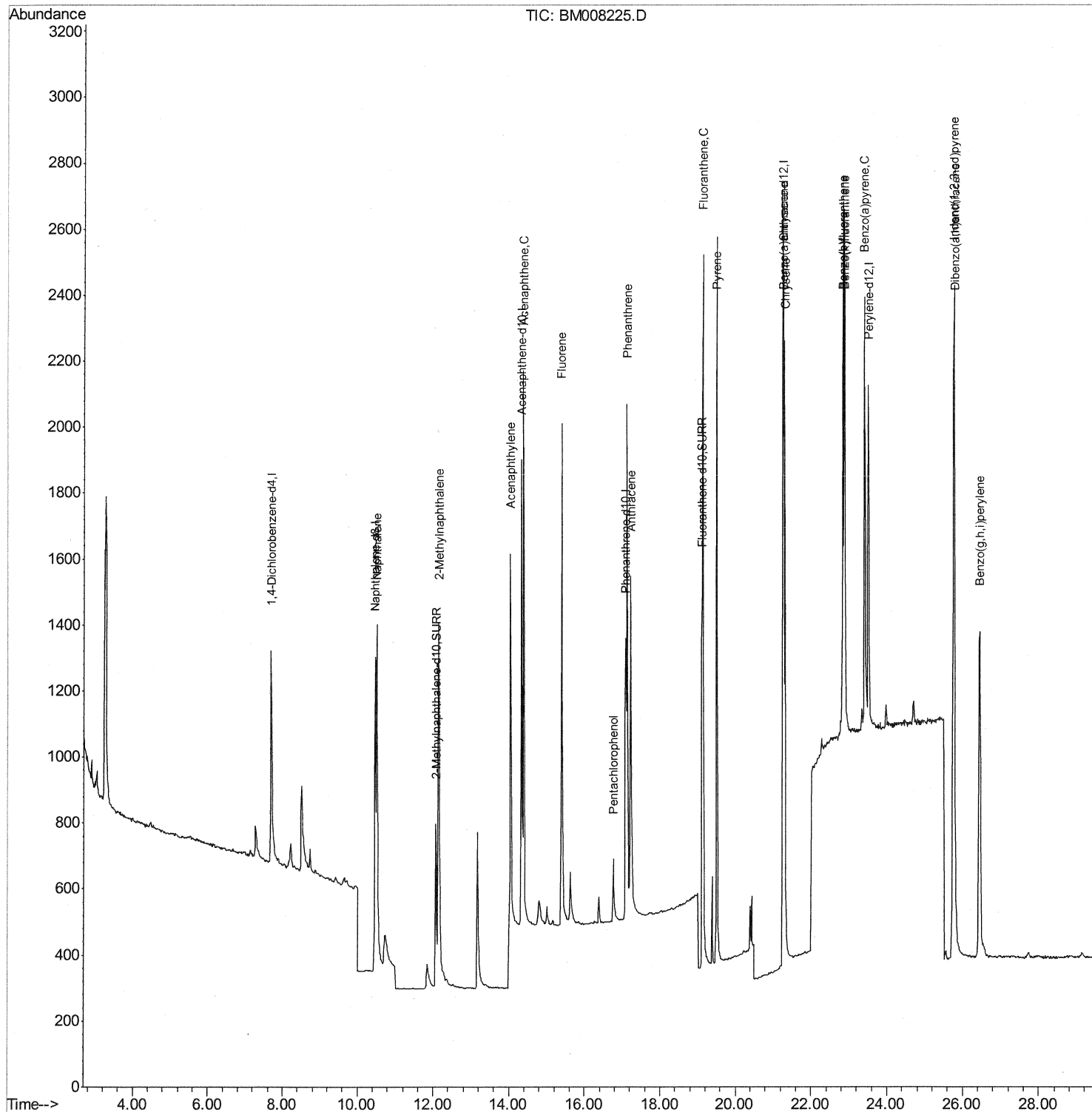
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008225.D
Acq On : 10 Dec 2016 10:12
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.439

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:11 PM

Quant Time: Dec 12 02:44:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration



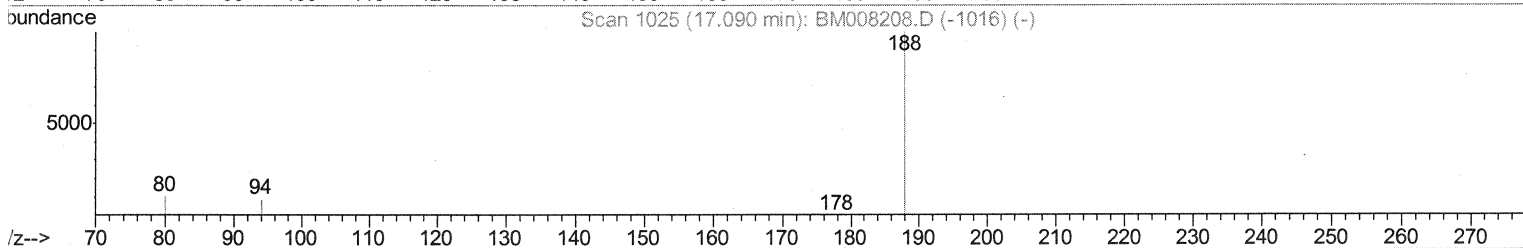
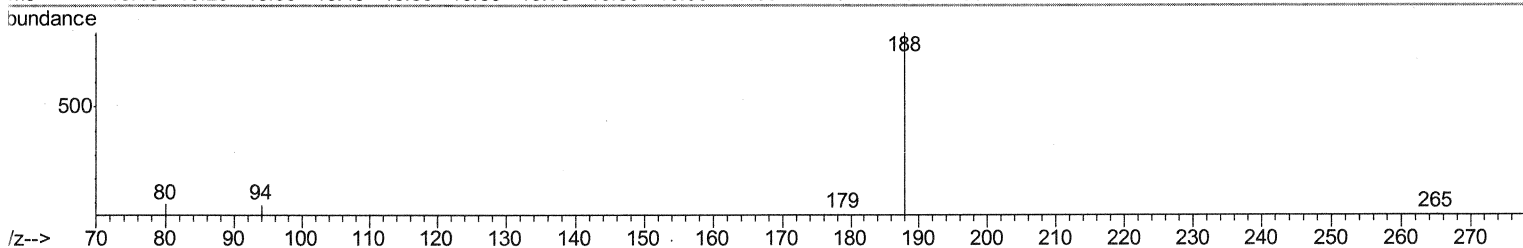
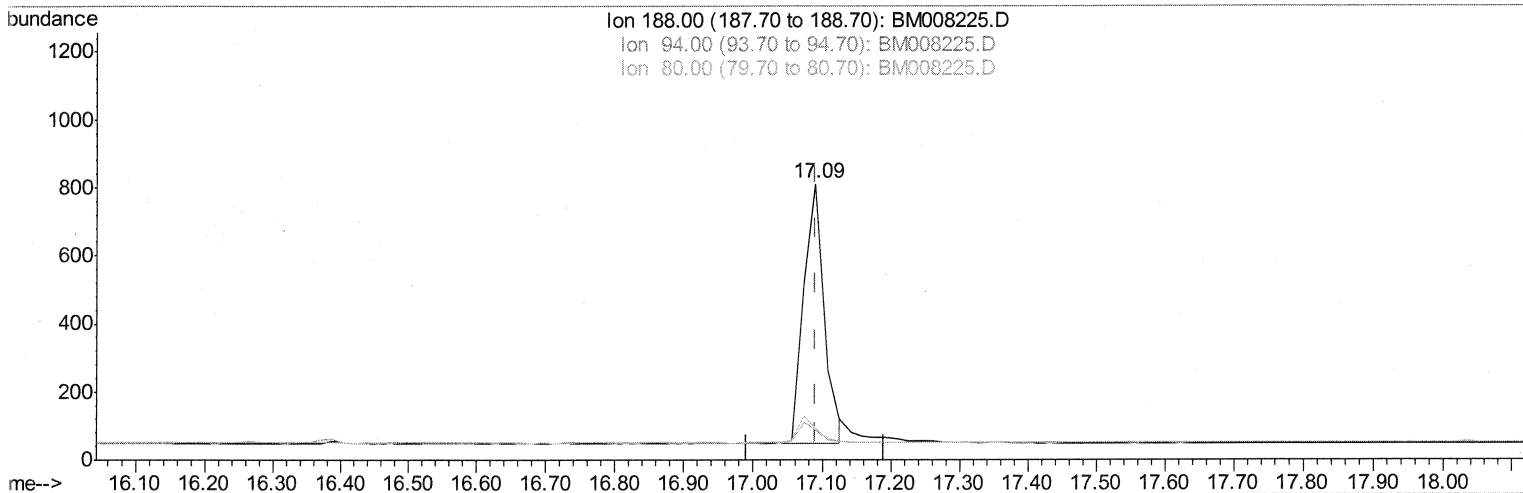
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TIC: BM008225.D

(10) Phenanthrene-d10 (I)

17.090min (0.000) 0.40ng/ul

response 1581

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.97
80.00	11.80	11.59
0.00	0.00	0.00

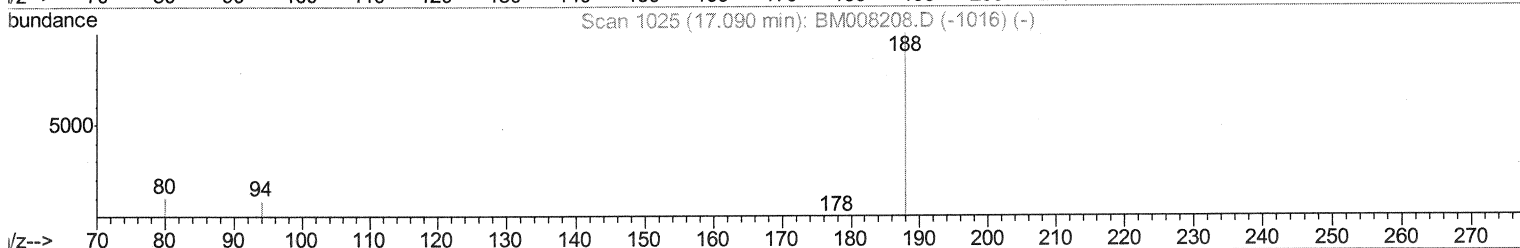
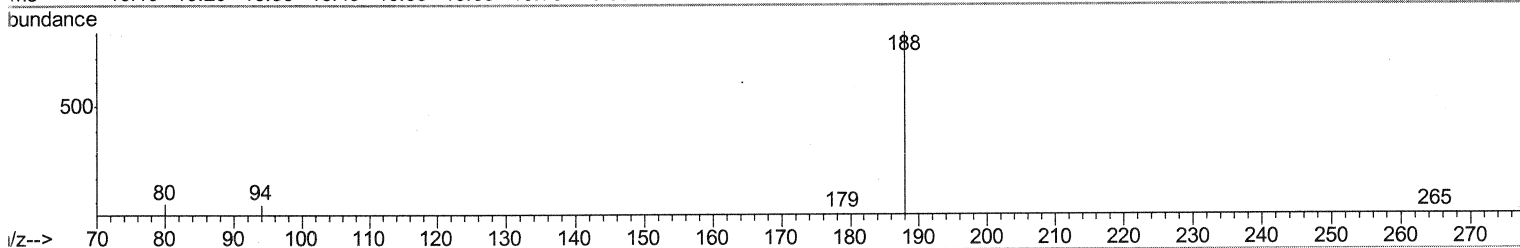
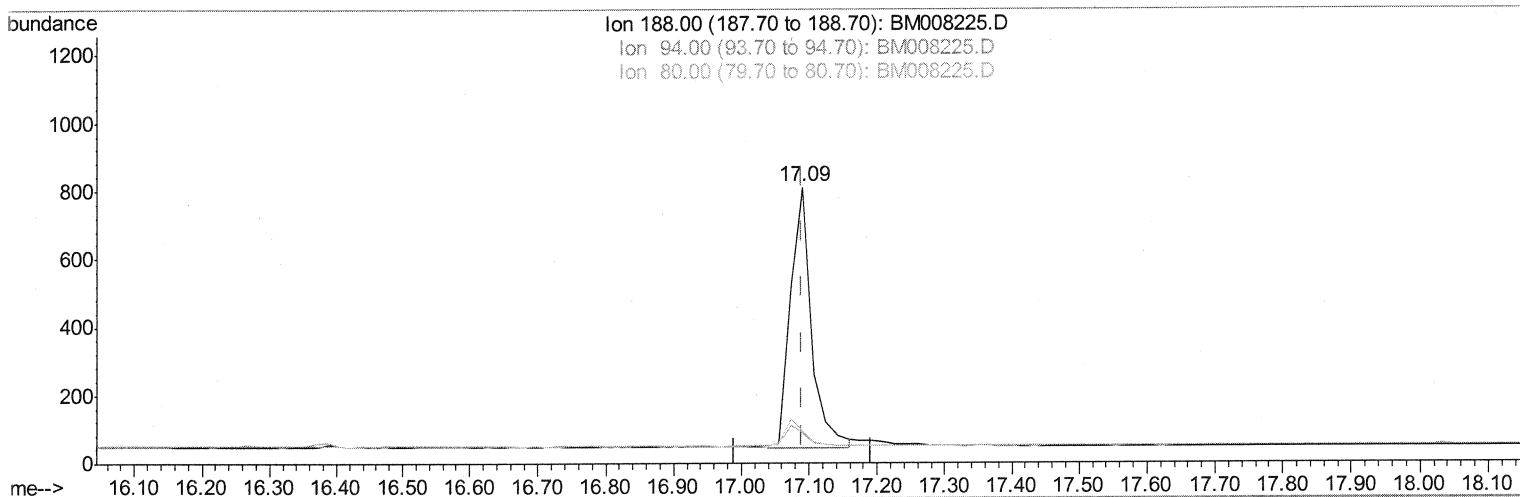
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TIC: BM008225.D

(10) Phenanthrene-d10 (I)

17.090min (0.000) 0.40ng/ul m

SJ 12/12/16

response 1671

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.97
80.00	11.80	11.59
0.00	0.00	0.00

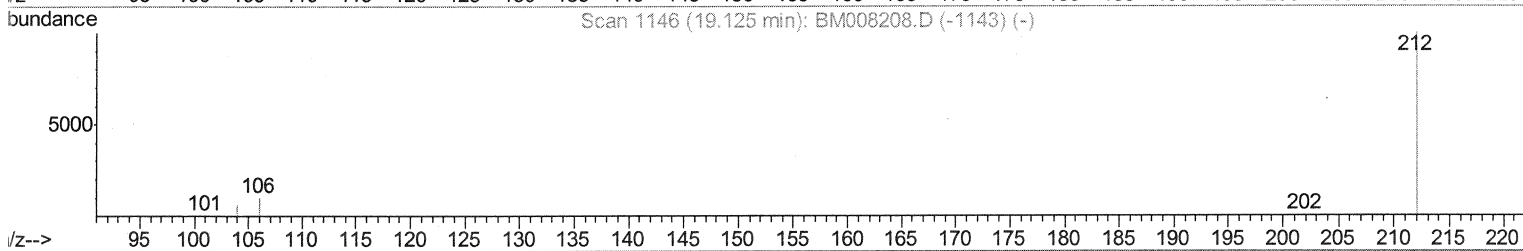
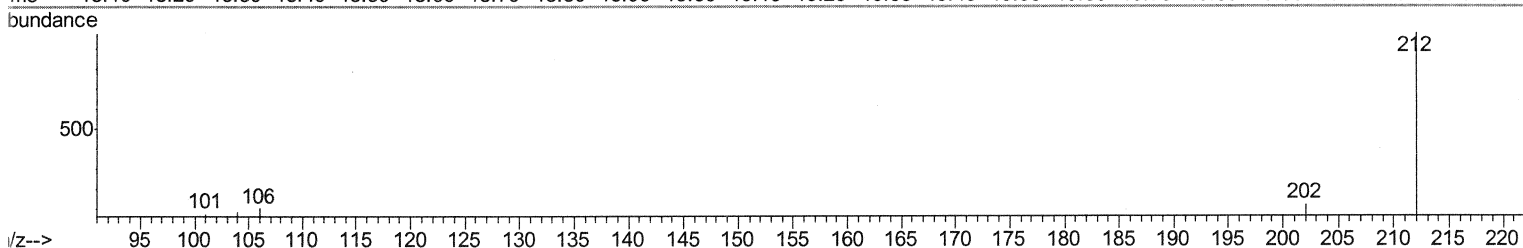
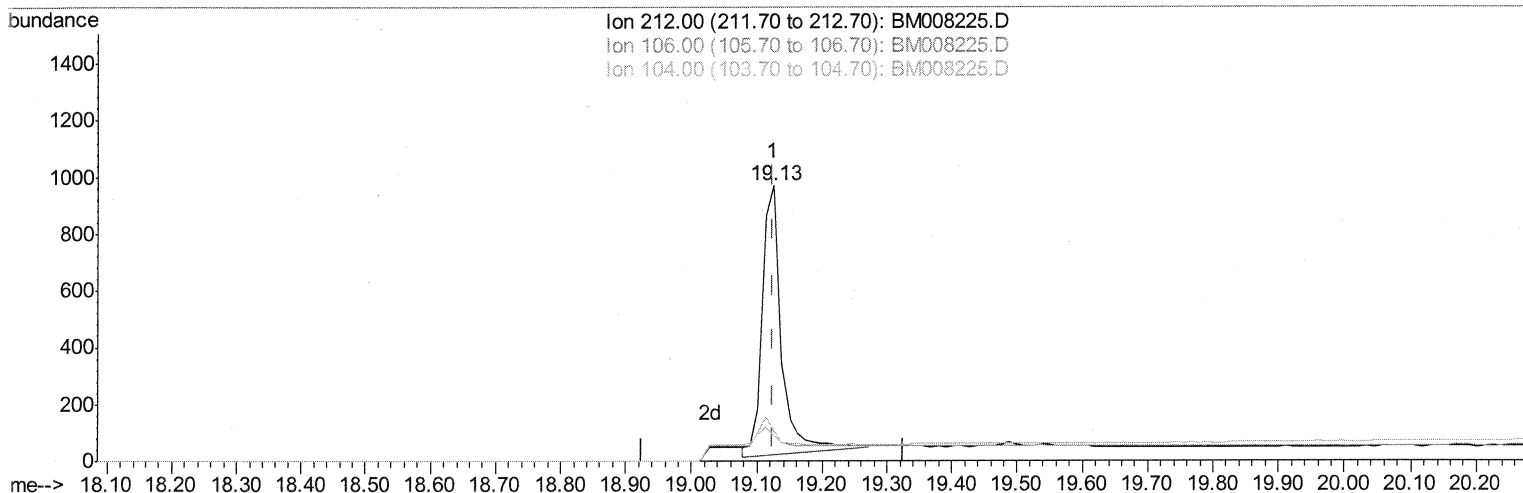
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(14) Fluoranthene-d10 (SURR)

19.125min (0.000) 0.42ng/ul

response 1968

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	52.59#
104.00	15.60	52.03#
0.00	0.00	0.00

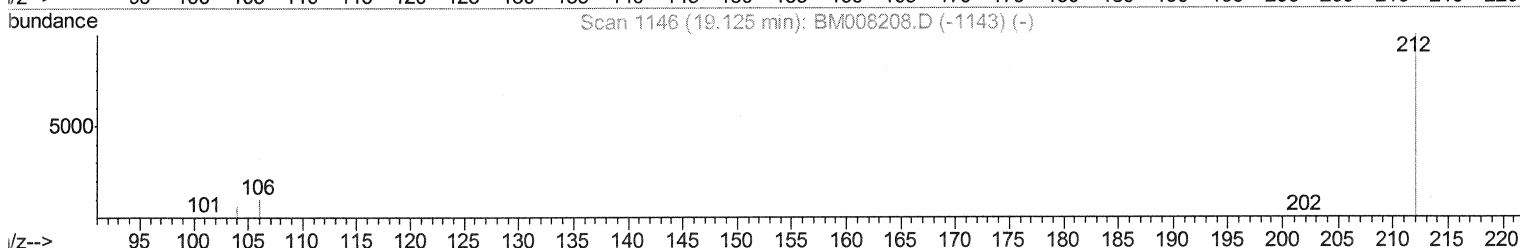
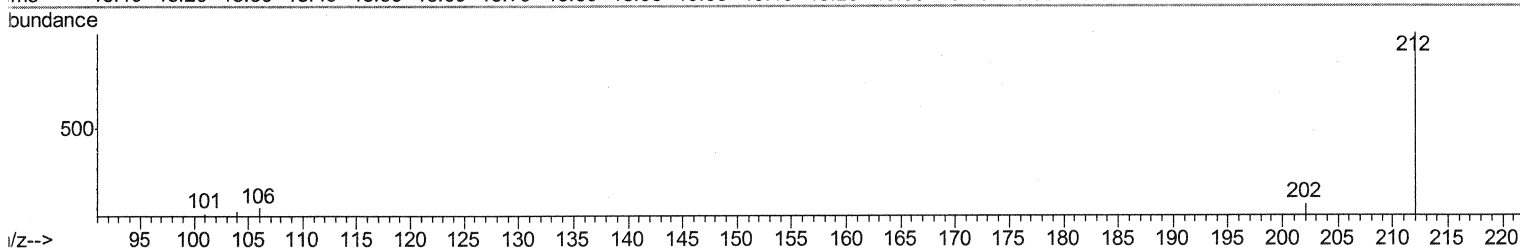
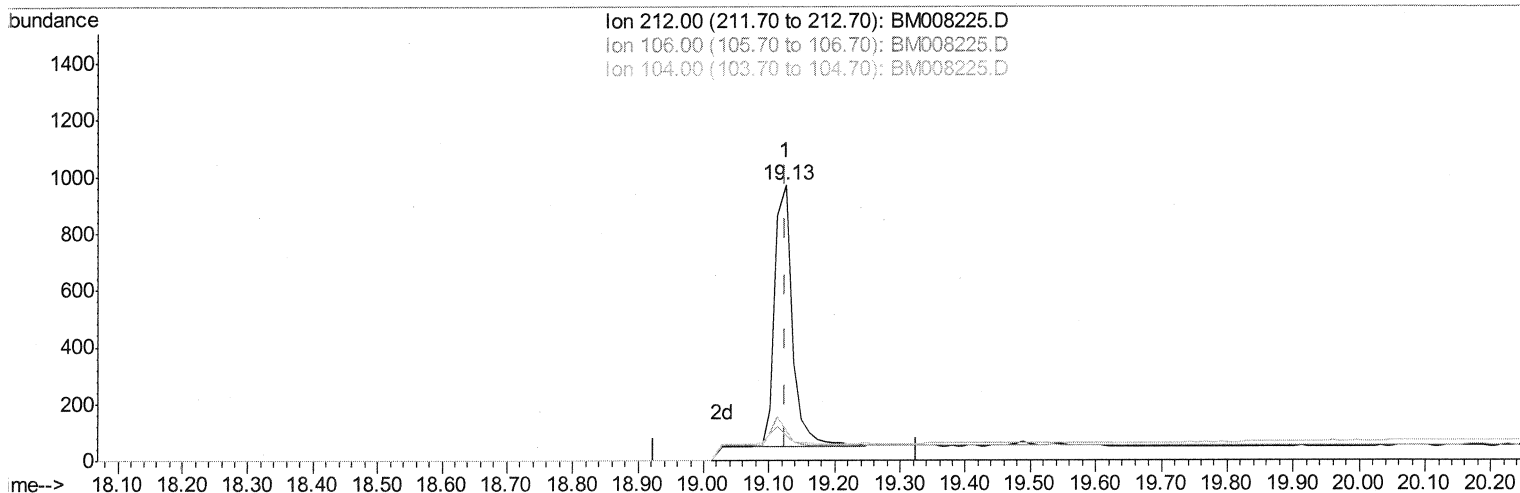
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
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TIC: BM008225.D

(14) Fluoranthene-d10 (SURR)

19.125min (0.000) 0.37ng/ul m

SJ 12/12/16

response 1766

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	58.61#
104.00	15.60	57.98#
0.00	0.00	0.00

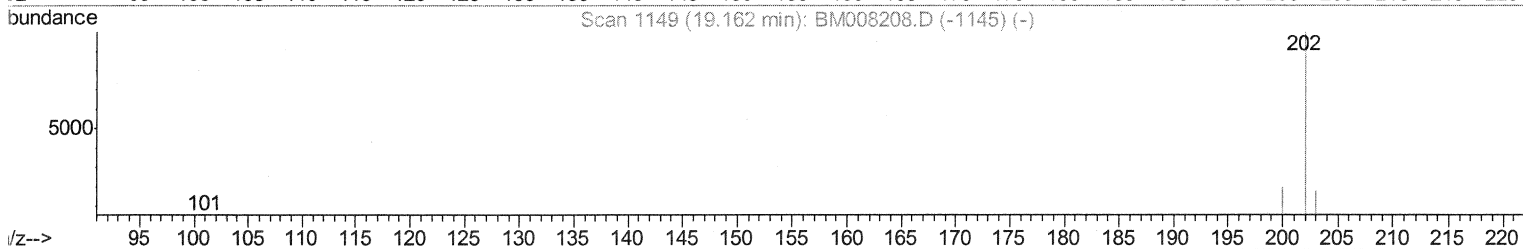
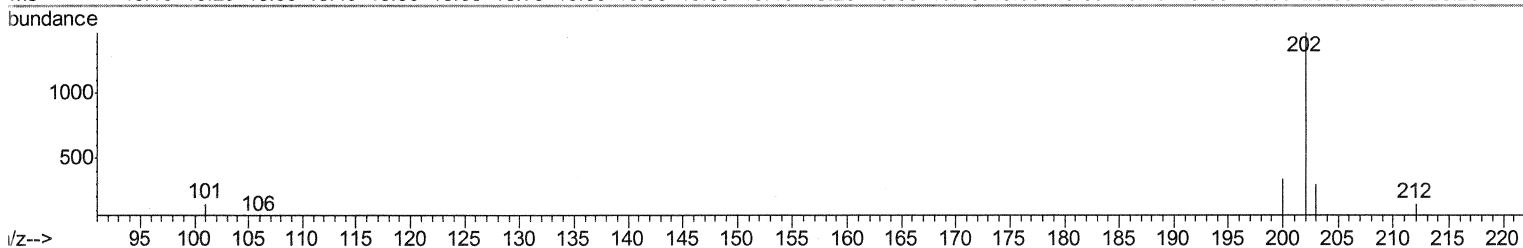
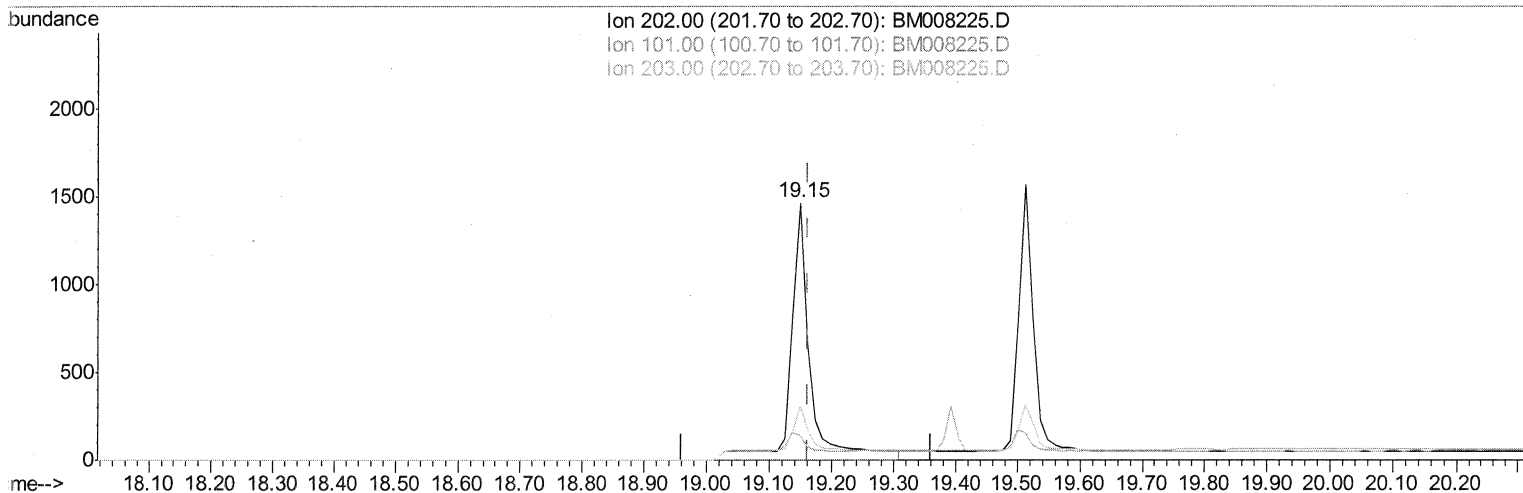
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Misc :
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Instrument :
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Manual Integrations
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TIC: BM008225.D

(15) Fluoranthene (C)

19.150min (-0.012) 0.49ng/ul

response 3304

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.96
203.00	19.50	20.74
0.00	0.00	0.00

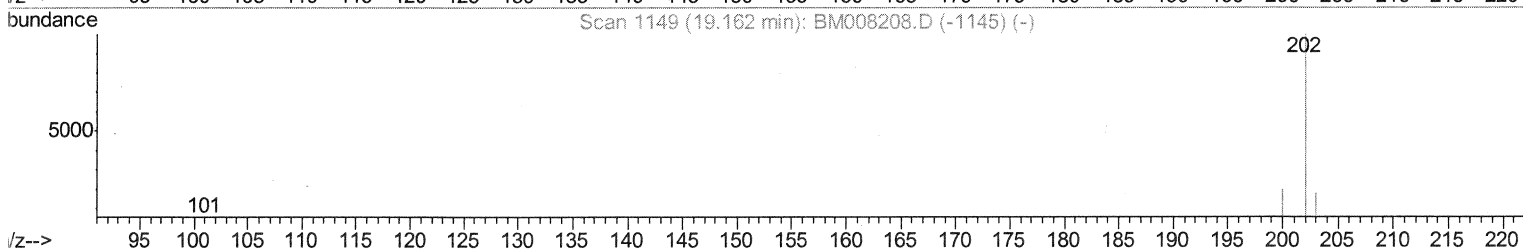
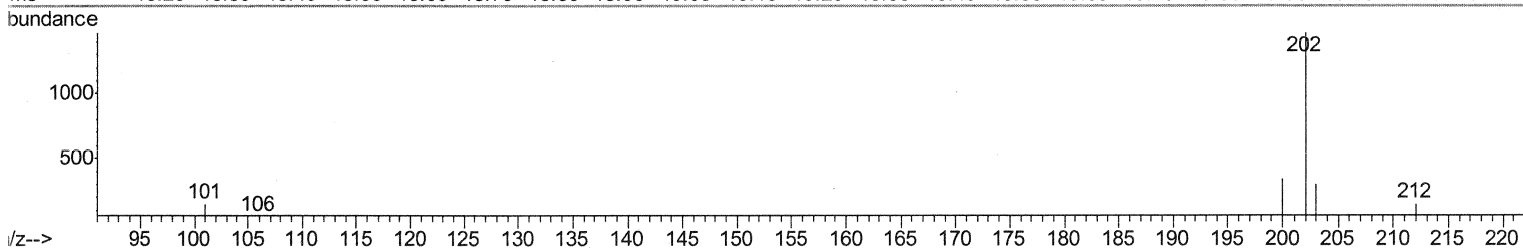
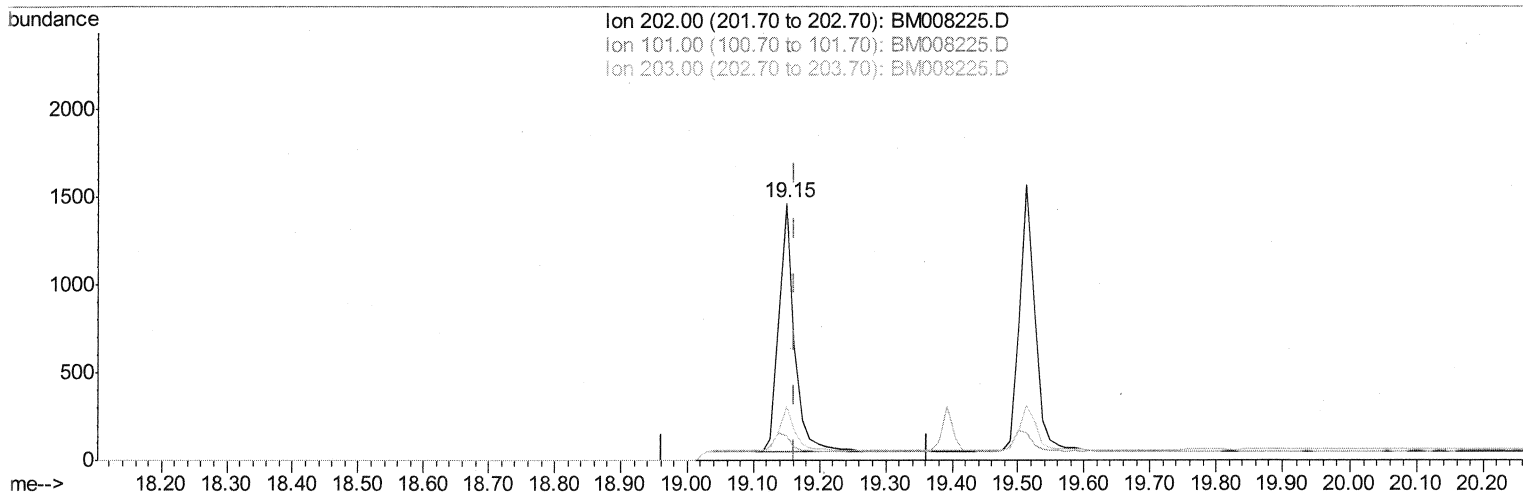
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.439

Manual Integrations
APPROVED

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TIC: BM008225.D

(15) Fluoranthene (C)

19.150min (-0.012) 0.35ng/ul m

SJ 12/12/16

response 2365

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.96
203.00	19.50	20.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	541	0.40	nq/ul	-0.03
2) Naphthalene-d8	10.48	136	1795	0.40	nq/ul	-0.01
6) Acenaphthene-d10	14.33	164	956	0.40	nq/ul	0.00
10) Phenanthrene-d10	17.09	188	1671m	0.40	nq/ul	0.00
16) Chrysene-d12	21.28	240	1529	0.40	nq/ul	-0.01
20) Perylene-d12	23.52	264	1554	0.40	ng/ul	-0.01

SJ 12/12/16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.08	152	1014	0.40	nq/ul	-0.02
14) Fluoranthene-d10	19.13	212	1766m	0.37	ng/ul	0.00

SJ 12/12/16

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.52	128	1956	0.39	nq/ul	94
5) 2-Methylnaphthalene	12.15	142	1261	0.39	nq/ul	98
7) Acenaphthylene	14.04	152	1770	0.41	nq/ul	95
8) Acenaphthene	14.38	153	1295	0.39	nq/ul	92
9) Fluorene	15.39	166	1389	0.37	nq/ul	92
11) Pentachlorophenol	16.76	266	222	0.38	nq/ul	93
12) Phenanthrene	17.12	178	2013	0.39	nq/ul	98
13) Anthracene	17.23	178	1985	0.41	nq/ul	96
15) Fluoranthene	19.15	202	2365m	0.35	nq/ul	96
17) Pyrene	19.51	202	2486	0.47	nq/ul	99
18) Benzo(a)anthracene	21.27	228	2076	0.44	nq/ul	97
19) Chrysene	21.32	228	2222	0.38	nq/ul	97
21) Benzo(b)fluoranthene	22.84	252	2355	0.38	nq/ul	96
22) Benzo(k)fluoranthene	22.88	252	2378	0.37	nq/ul	95
23) Benzo(a)pyrene	23.41	252	2277	0.39	nq/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.76	276	2821	0.39	nq/ul#	93
25) Dibenzo(a,h)anthracene	25.77	278	2273	0.39	nq/ul	94
26) Benzo(a,h,i)perylene	26.45	276	2441	0.38	nq/ul	93

SJ 12/12/16

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