

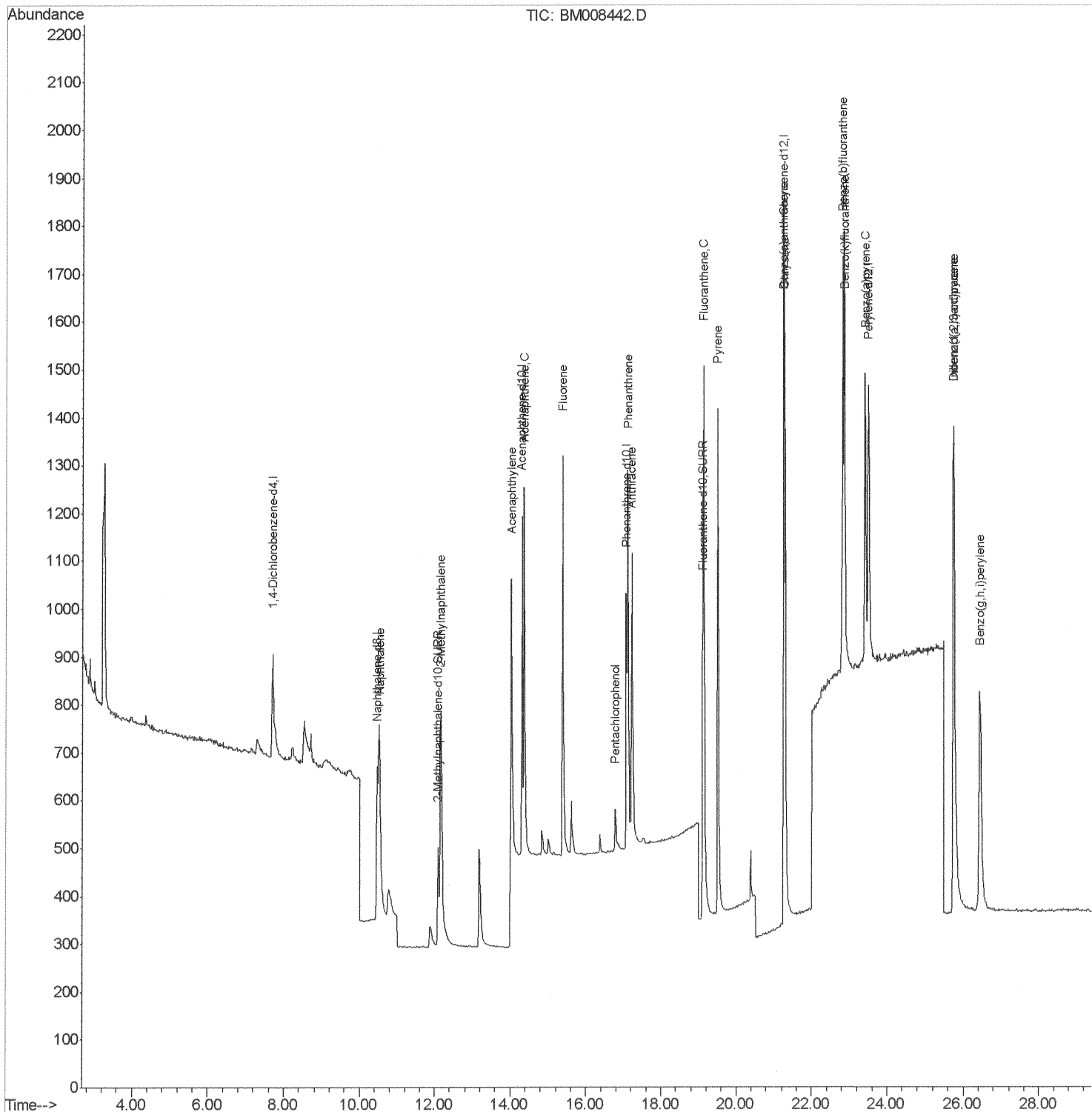
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008442.D
Acq On : 19 Dec 2016 11:58
Operator : UM/SJ
Sample : SSTD0.443
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
SSTD0.443

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:03 PM

Quant Time: Dec 19 13:49:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 13:44:59 2016
Response via : Initial Calibration



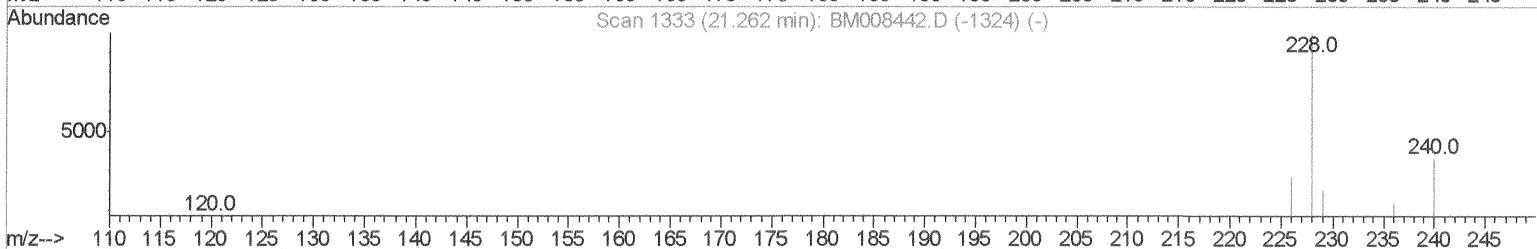
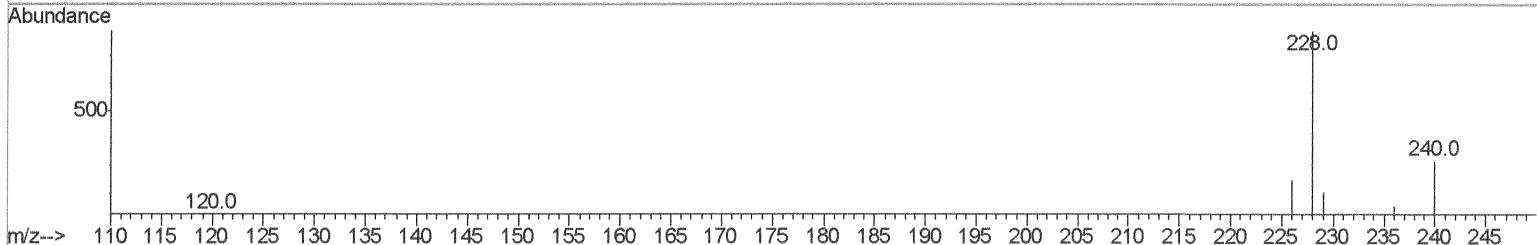
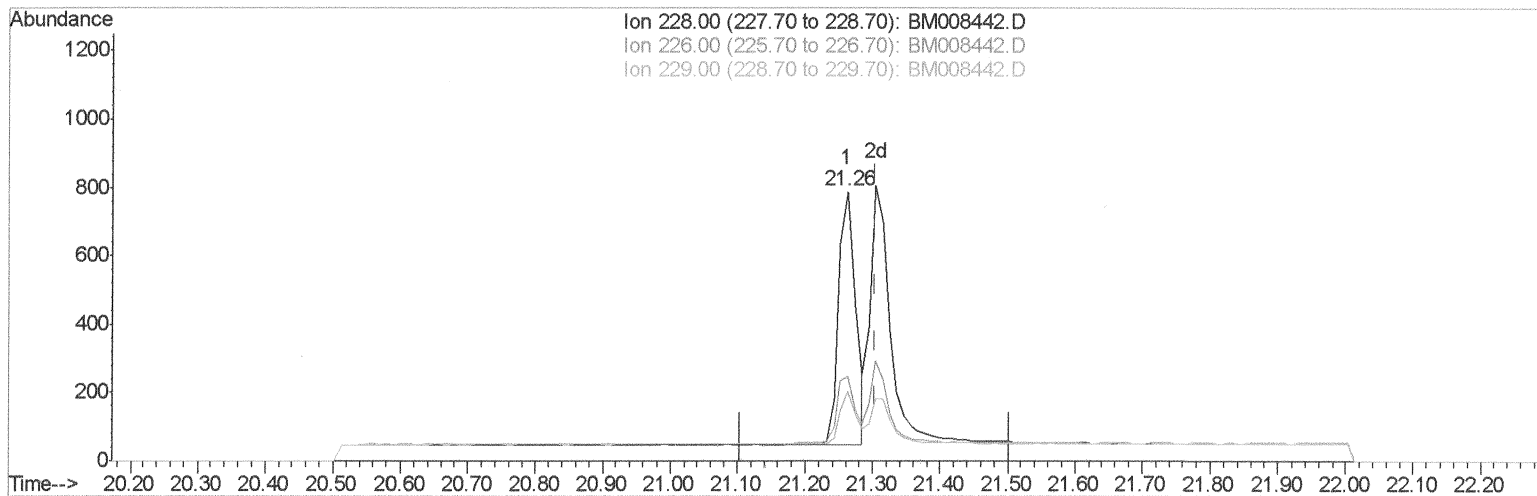
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008442.D
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Quant Time: Dec 19 13:48:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Mon Dec 19 13:44:59 2016
Response via : Initial Calibration



TIC: BM008442.D

(19) Chrysene

21.262min (-0.042) 0.33ng/ul

response 1303

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.69
229.00	22.10	25.86
0.00	0.00	0.00

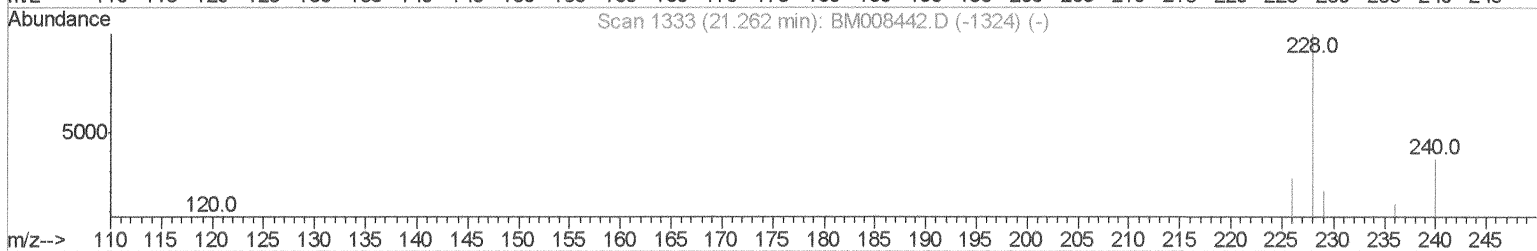
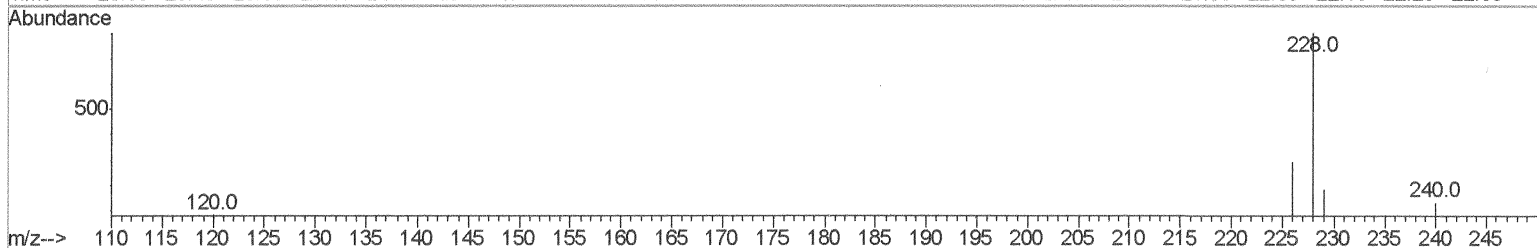
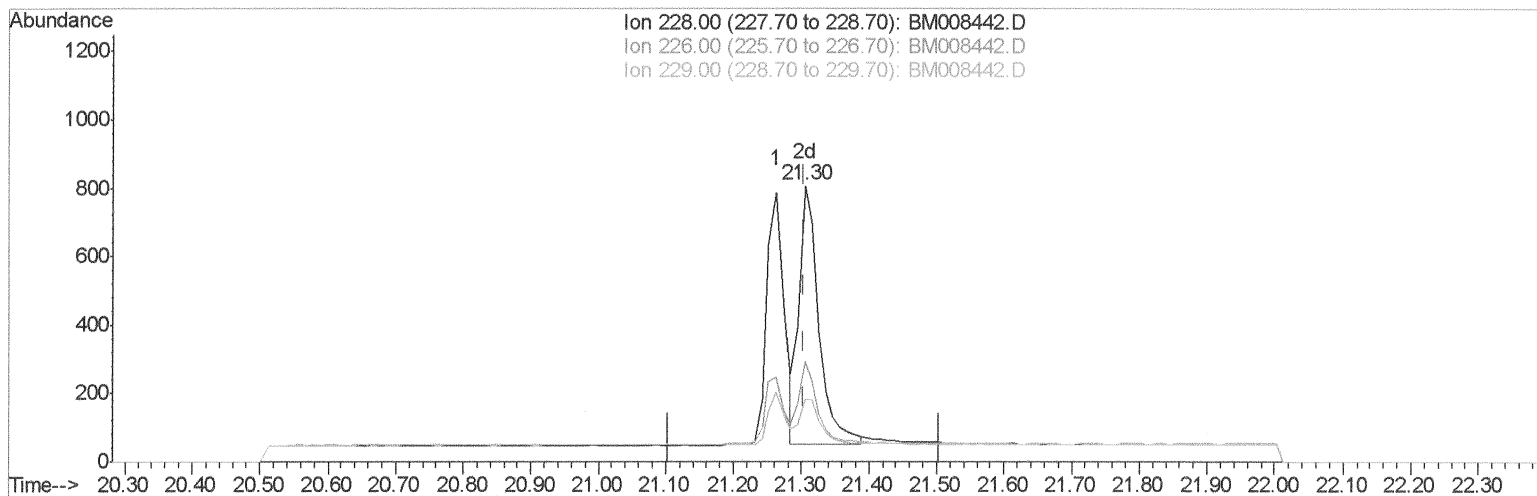
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008442.D
Acq On : 19 Dec 2016 11:58
Operator : UM/SJ
Sample : SSTDO.443
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.443

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:03 PM

Quant Time: Dec 19 13:48:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 13:44:59 2016
Response via : Initial Calibration



TIC: BM008442.D

(19) Chrysene

21.304min (0.000) 0.38ng/ul m SJ 12/21/16

response 1526

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.23#
229.00	22.10	22.95
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008442.D
 Acq On : 19 Dec 2016 11:58
 Operator : UM/SJ
 Sample : SSTDO.443
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDO.443

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:03 PM

Quant Time: Dec 19 13:49:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 13:44:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	266	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	921	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	542	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1028	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1045	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	995	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.09	152	537	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1125	0.39	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.54	128	1012	0.39	ng/ul#	73
5) 2-Methylnaphthalene	12.16	142	672	0.40	ng/ul	97
7) Acenaphthylene	14.04	152	945	0.39	ng/ul#	87
8) Acenaphthene	14.38	153	722	0.39	ng/ul	95
9) Fluorene	15.39	166	830	0.39	ng/ul#	94
11) Pentachlorophenol	16.78	266	139	0.39	ng/ul	97
12) Phenanthrene	17.12	178	1243	0.39	ng/ul#	92
13) Anthracene	17.23	178	1169	0.39	ng/ul#	89
15) Fluoranthene	19.14	202	1507	0.36	ng/ul	94
17) Pyrene	19.51	202	1589	0.44	ng/ul	92
18) Benzo(a)anthracene	21.26	228	1303	0.41	ng/ul#	92
19) Chrysene	21.30	228	1526m	0.38	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	1536	0.39	ng/ul	91
22) Benzo(k)fluoranthene	22.88	252	1540	0.38	ng/ul#	91
23) Benzo(a)pyrene	23.42	252	1440	0.39	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.76	276	1759	0.38	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.76	278	1407	0.38	ng/ul#	85
26) Benzo(a,h,i)perylene	26.44	276	1519	0.37	ng/ul#	92

SJ 12/21/16

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