Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:27:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
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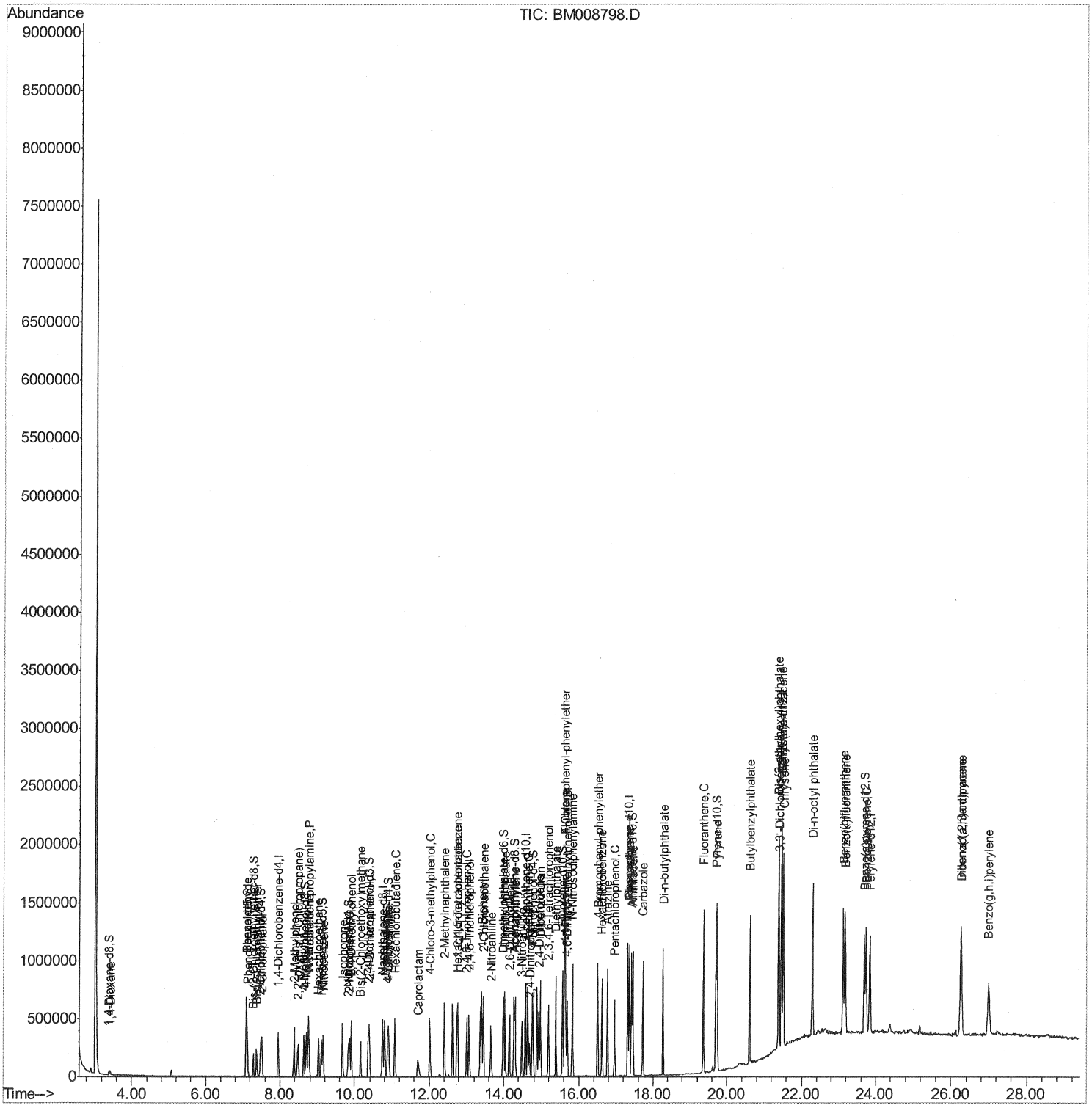

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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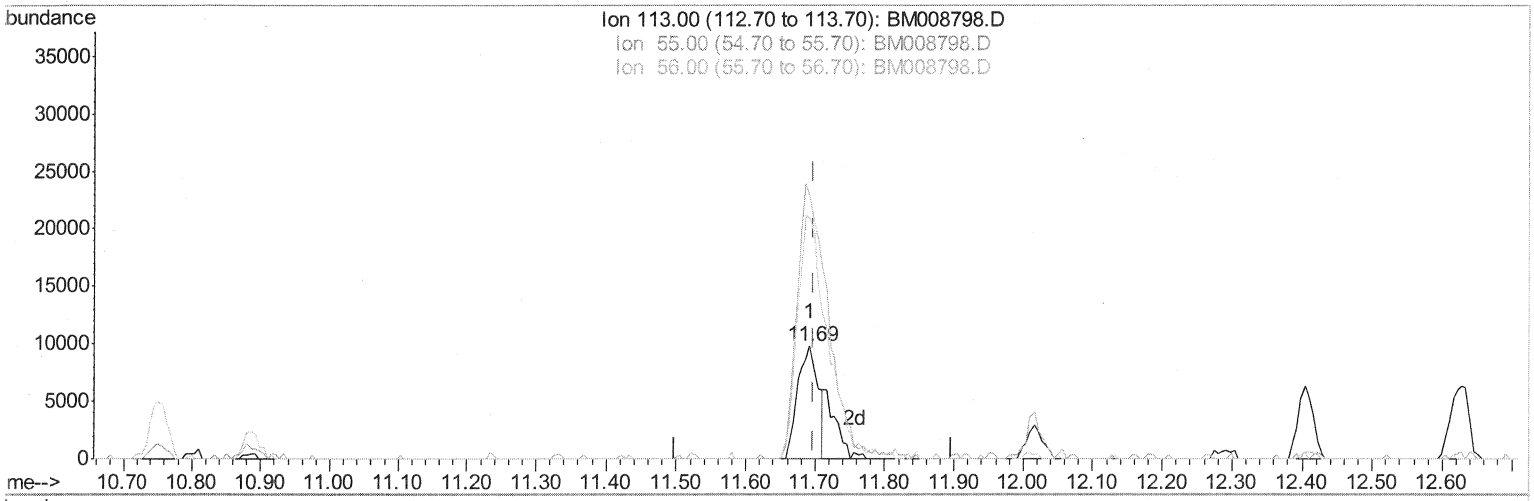

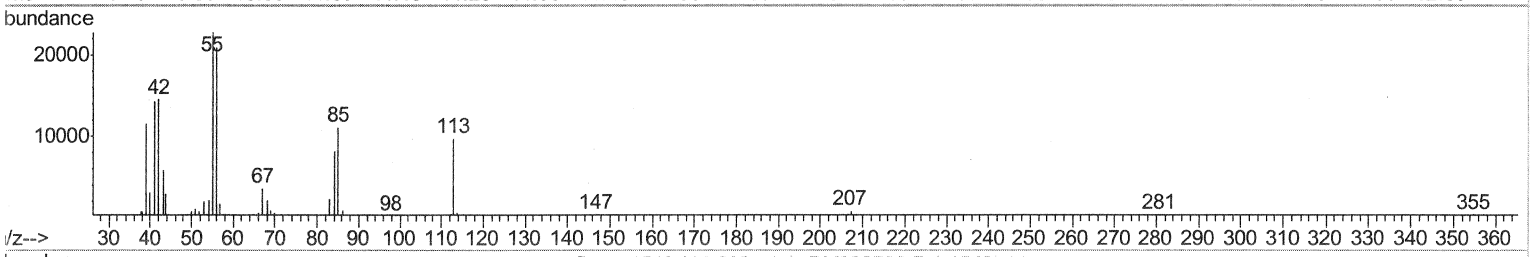

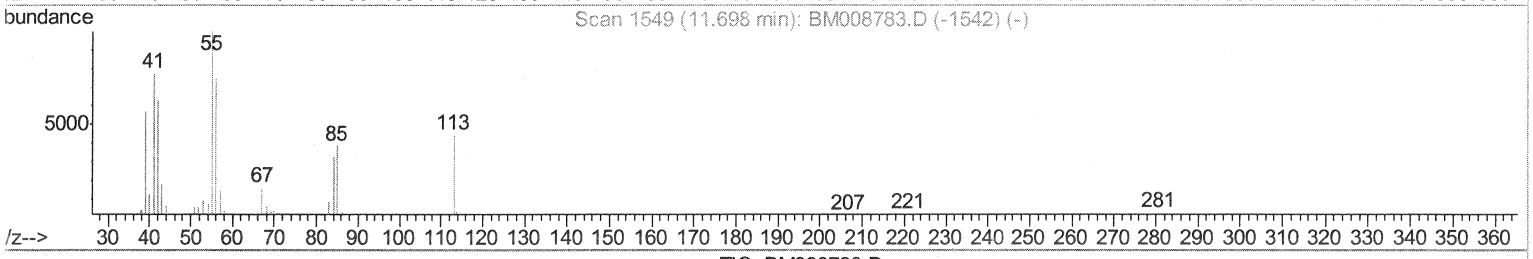

TIC: BM008798.D

(32) Caprolactam

11.692min (-0.006) 15.40ng/ul

response 20370

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	233.06#
56.00	122.10	214.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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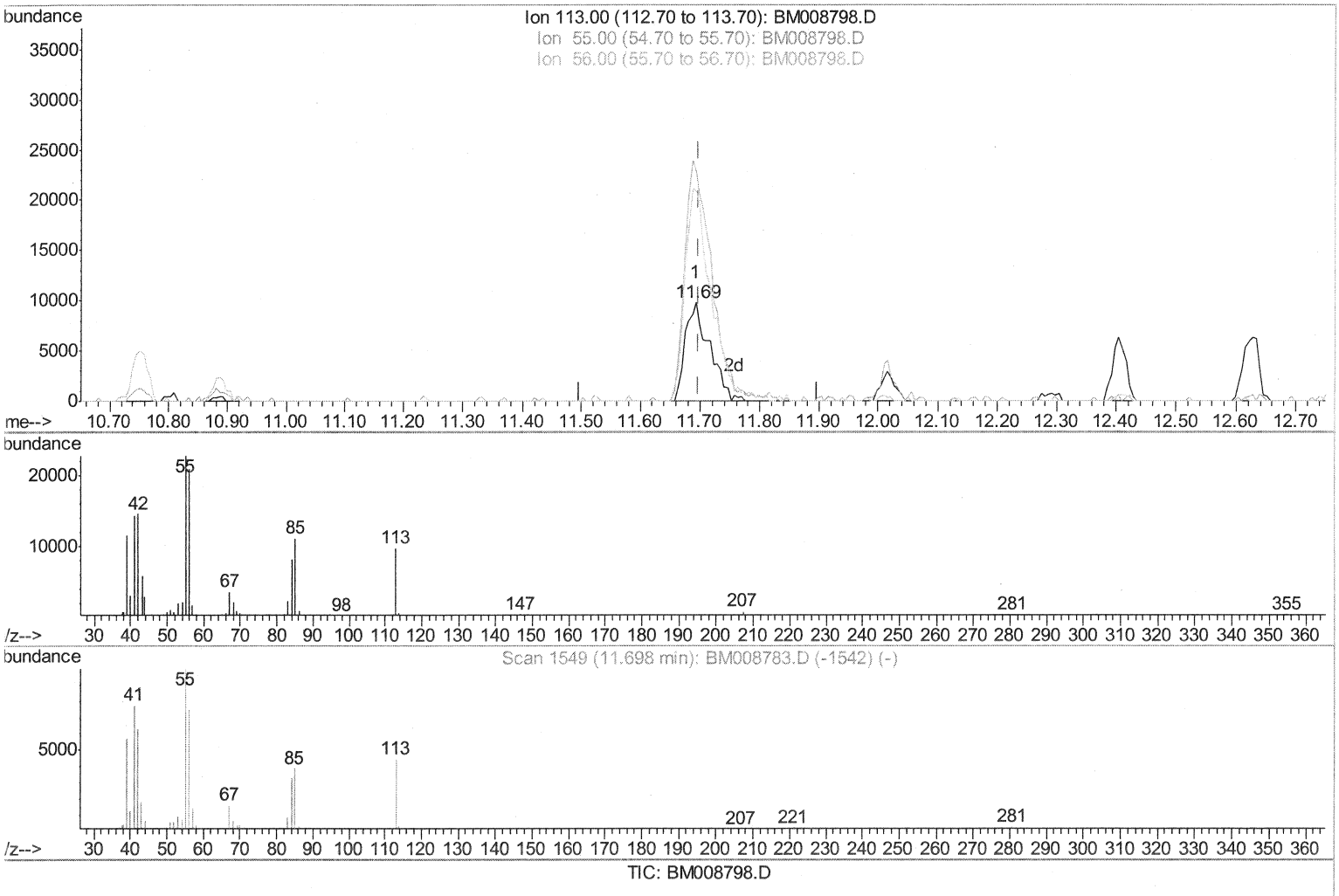

TIC: BM008798.D

(32) Caprolactam

11.692min (-0.006) 20.51ng/ul m SJ 1/27/17

response 27132

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	233.06#
56.00	122.10	214.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
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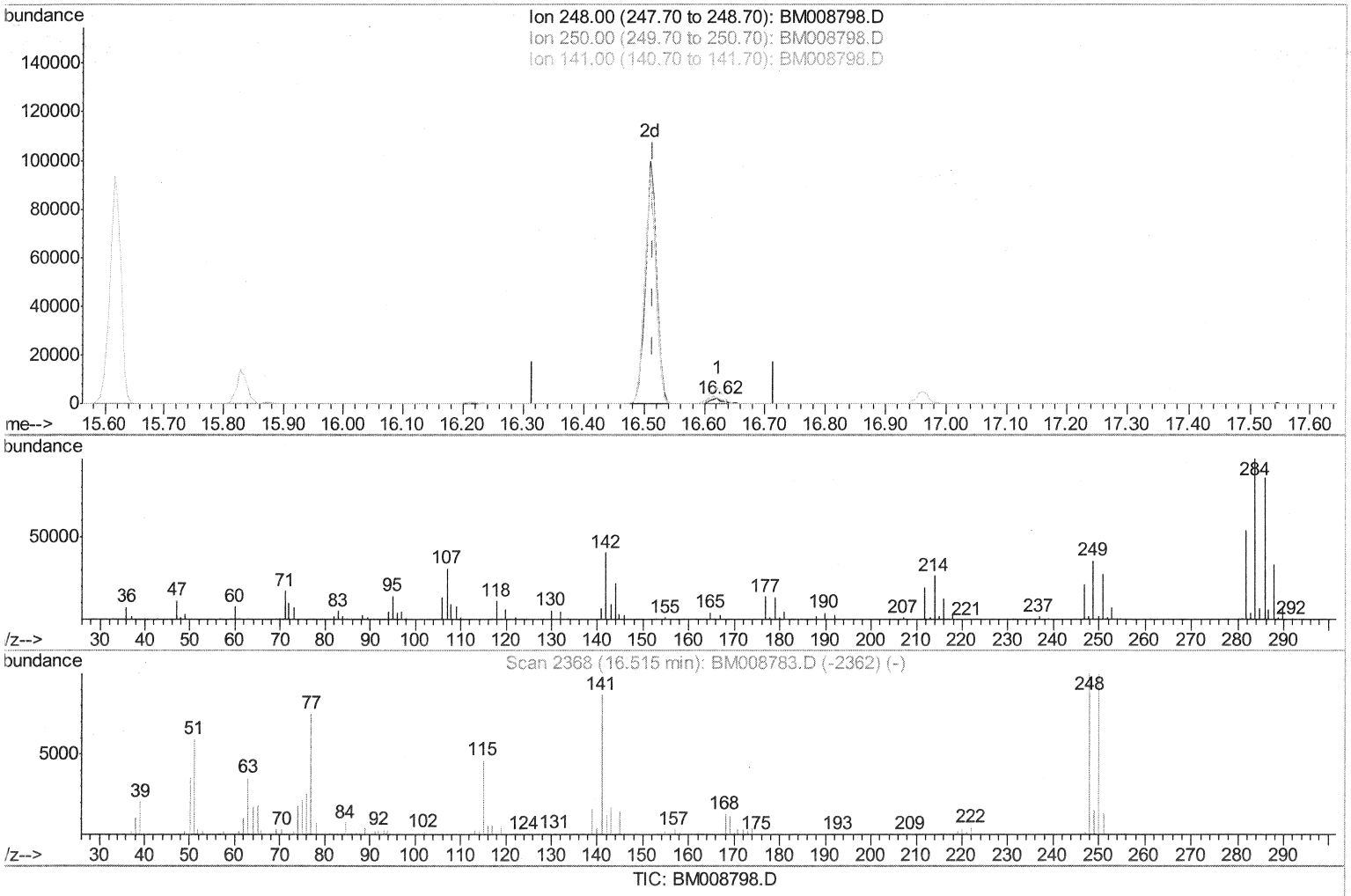

TIC: BM008798.D

(65) 4-Bromophenyl-phenylether

16.621min (+0.106) 0.55ng/ul

response 3000

Ion	Exp%	Act%
248.00	100	100
250.00	94.40	109.36
141.00	73.10	300.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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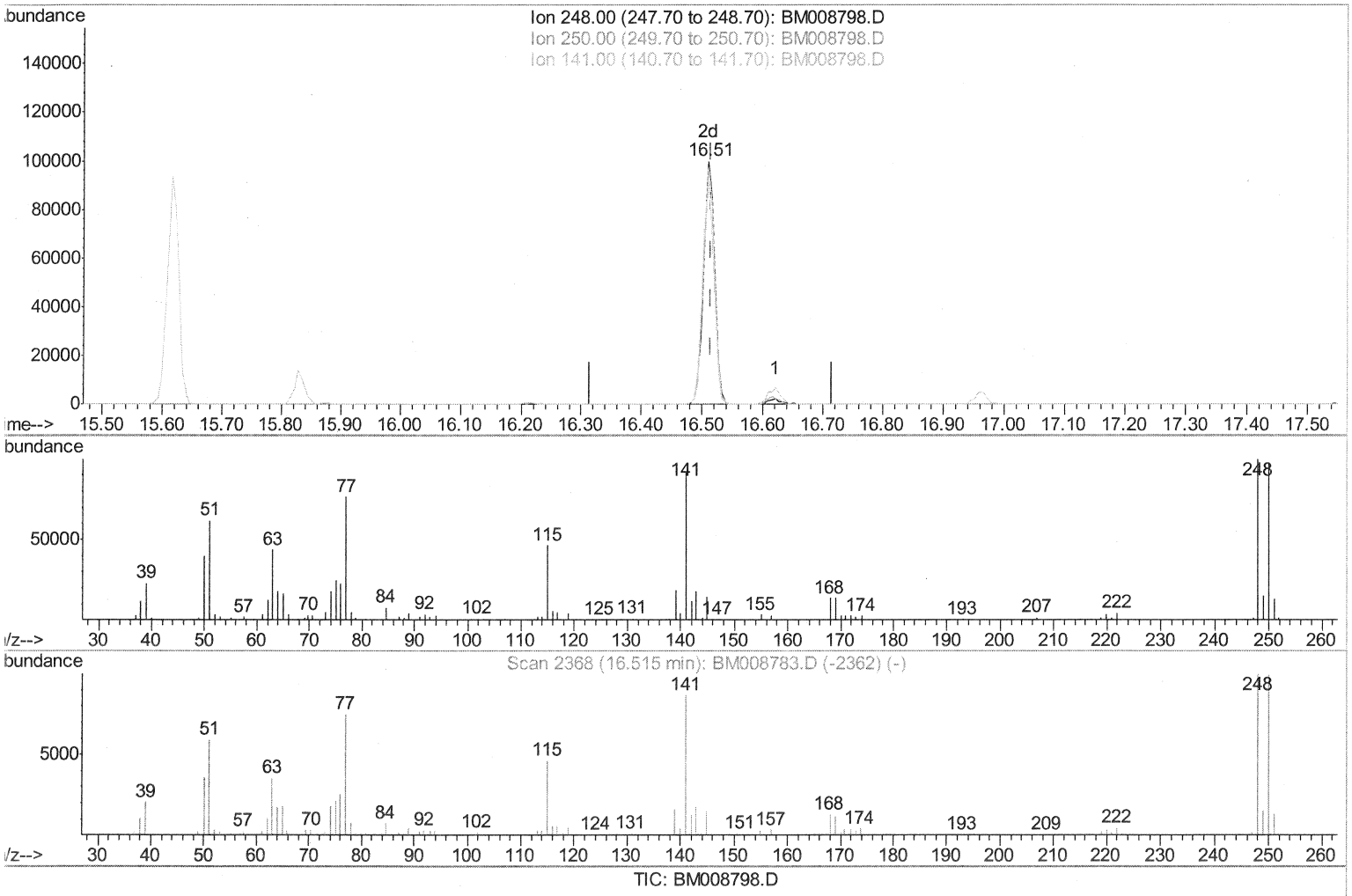

(65) 4-Bromophenyl-phenylether

16.510min (-0.006) 23.33ng/ul m SJ 1/27/17

response 127031

Ion	Exp%	Act%
248.00	100	100
250.00	94.40	97.70
141.00	73.10	92.63#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008798.D
Acq On : 22 Jan 2017 08:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
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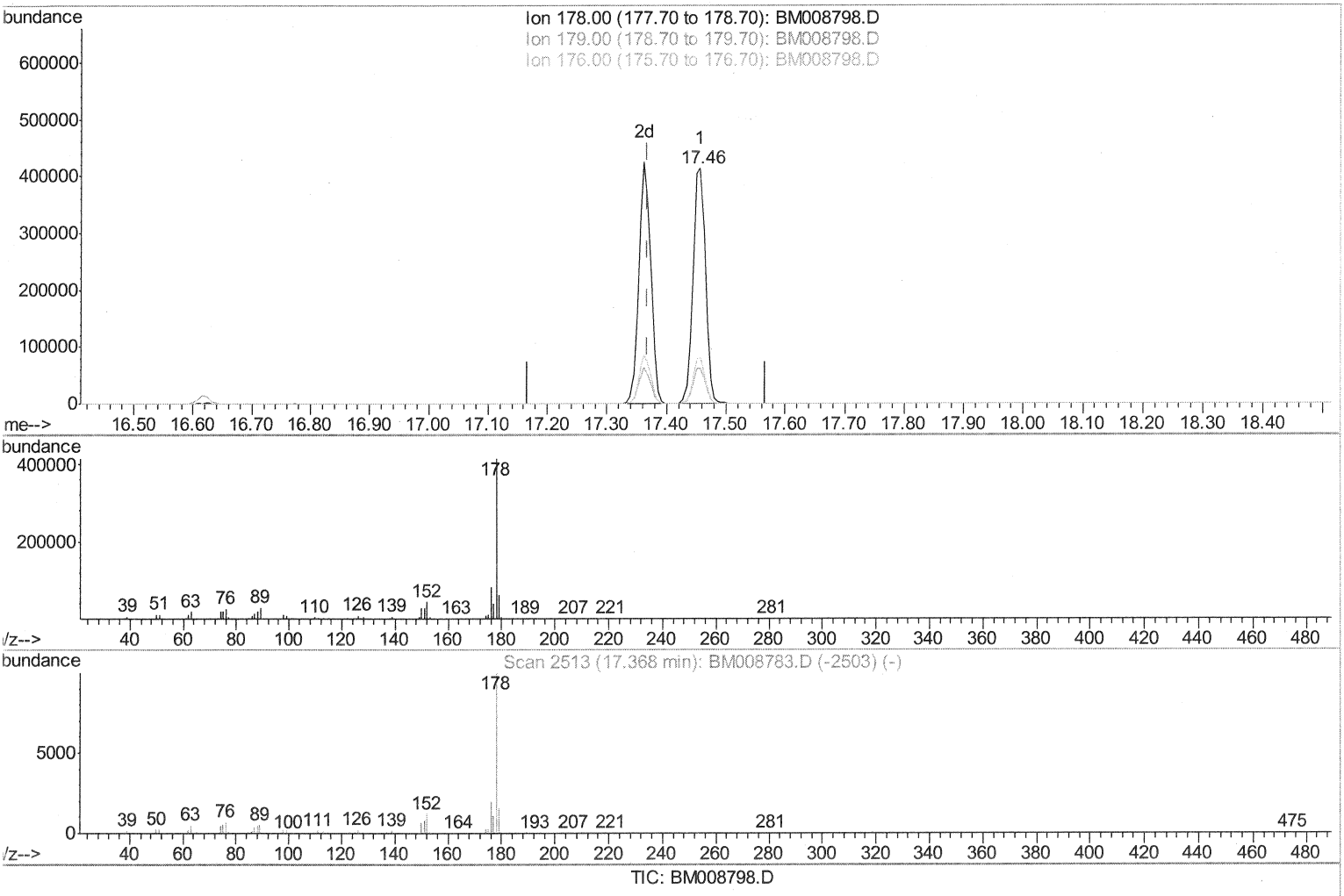

TIC: BM008798.D

(69) Phenanthrene

17.457min (+0.088) 23.89ng/ul

response 604306

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.85
176.00	18.40	19.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
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Acq On : 22 Jan 2017 08:28
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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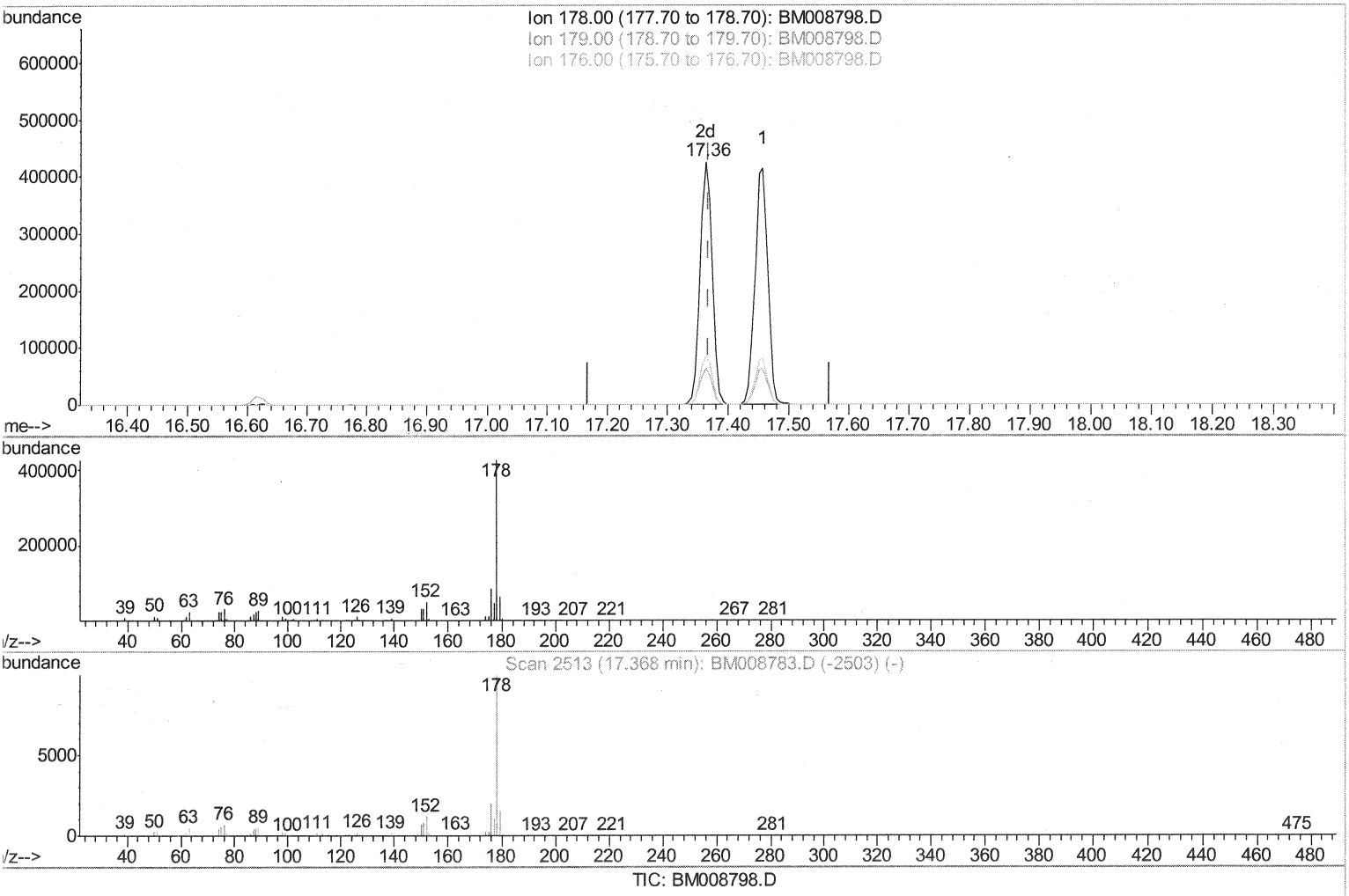

TIC: BM008798.D

(69) Phenanthrene

17.362min (-0.006) 23.31ng/ul m SJ 1/27/17

response 589588

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.92
176.00	18.40	20.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 23 06:26:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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QLast Update : Mon Jan 23 04:58:16 2017
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Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
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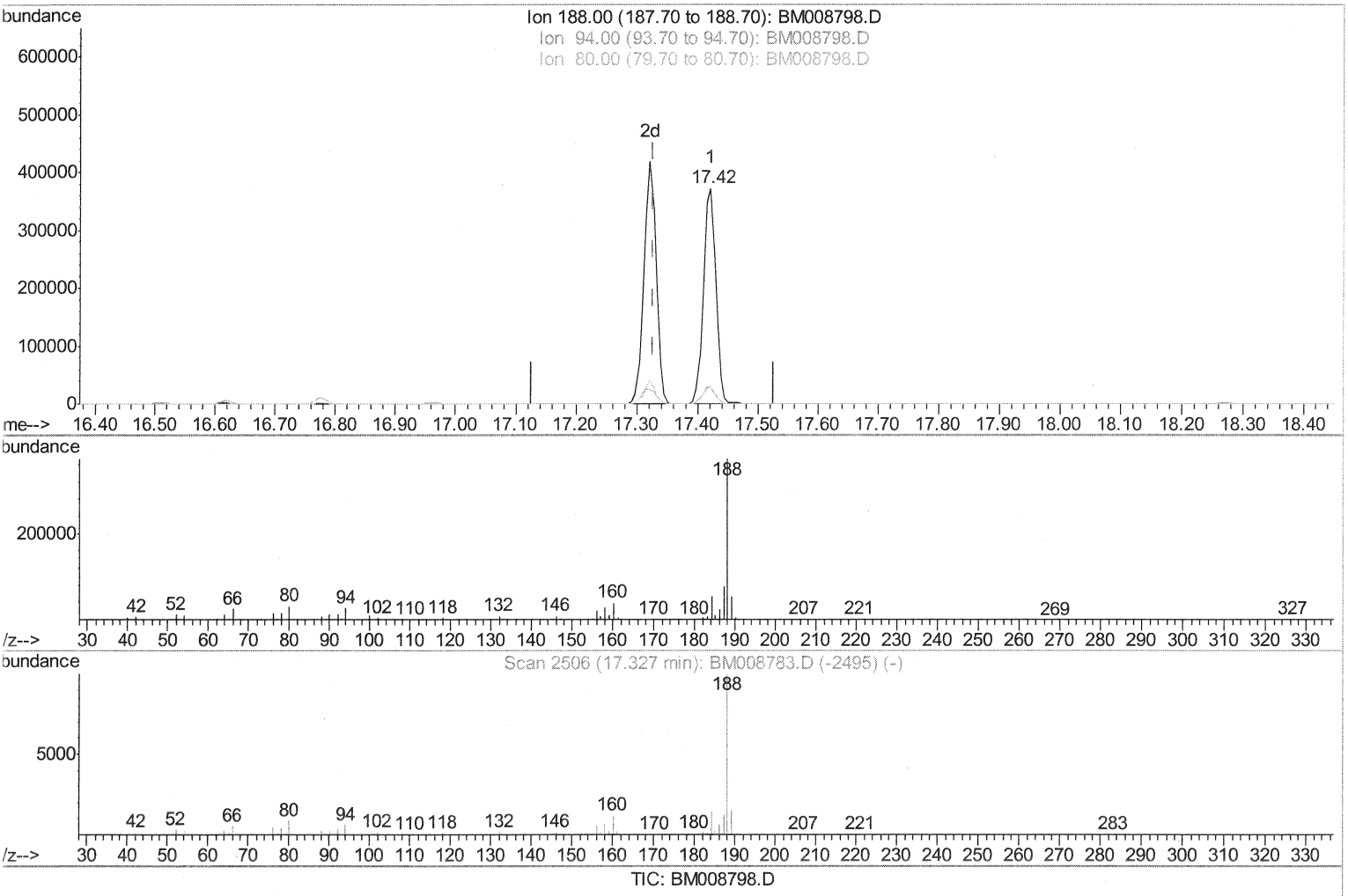

(61) Phenanthrene-d10 (I)

17.421min (+0.094) 20.00ng/ul

response 525556

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	7.57
80.00	9.50	8.42
0.00	0.00	0.00

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Misc :
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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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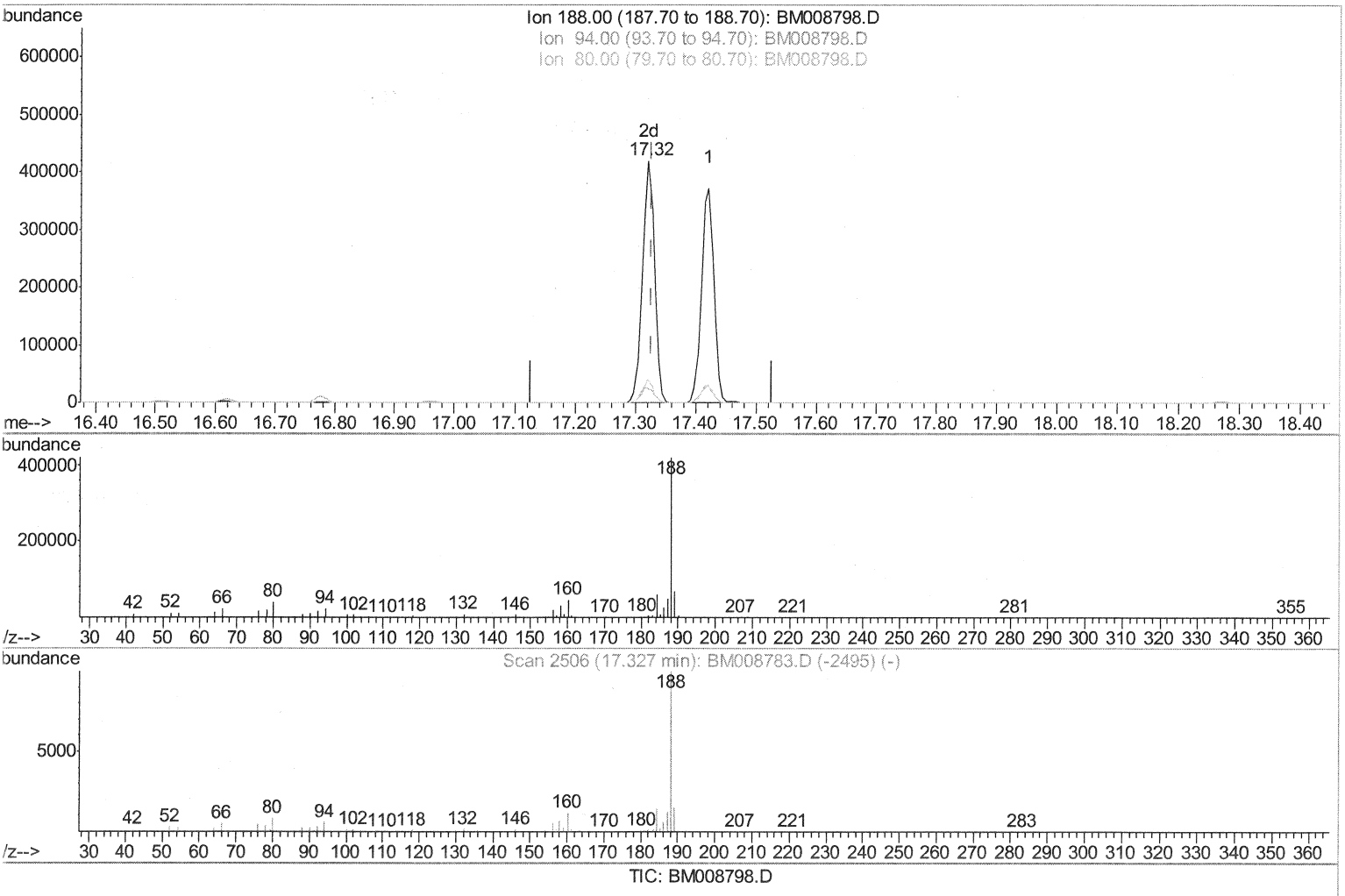

TIC: BM008798.D

(61) Phenanthrene-d10 (I)

17.321min (-0.006) 20.00ng/ul m SJ 1/24/17

response 576770

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	5.82#
80.00	9.50	9.72
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	282620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	236288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	576770m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	726143	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	631192	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	11296	7.72	ng/uL	0.00
5) Phenol-d5	7.10	99	117836	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	91061	24.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	80453	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	88558	20.56	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	38511	22.08	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.83	143	46545	24.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	97224	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	110106	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	336086	21.56	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	388652	21.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	55594	21.80	ng/ul	0.00
57) Fluorene-d10	15.57	176	313647	21.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	67391	22.67	ng/ul	0.00
70) Anthracene-d10	17.42	188	525556	21.15	ng/ul	0.00
76) Pyrene-d10	19.70	212	641649	20.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	569849	22.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	16406	9.43	ng/uL#	58
4) Benzaldehyde	7.09	77	118582	29.30	ng/ul#	74
6) Phenol	7.12	94	126721	21.23	ng/ul#	51
8) Bis(2-Chloroethyl)ether	7.37	93	96510	22.05	ng/ul#	77
10) 2-Chlorophenol	7.51	128	80528	20.32	ng/ul#	68
11) 2-Methylphenol	8.38	108	90349	20.60	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.48	45	178207	26.31	ng/ul#	90
14) Acetophenone	8.77	105	166277	21.97	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.76	70	106221	24.72	ng/ul#	75
16) 4-Methylphenol	8.70	108	100016	21.12	ng/ul	96
17) Hexachloroethane	9.03	117	45556	21.69	ng/ul	95
20) Nitrobenzene	9.16	77	168287	27.18	ng/ul#	81
21) Isophorone	9.68	82	266656	24.35	ng/ul#	92
23) 2-Nitrophenol	9.86	139	47466	23.41	ng/ul#	24
24) 2,4-Dimethylphenol	9.92	107	138590	24.13	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.16	93	133699	23.08	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	94244	21.81	ng/ul#	90
28) Naphthalene	10.80	128	276232	21.39	ng/ul	98
30) 4-Chloroaniline	10.91	127	114409	23.09	ng/ul	91
31) Hexachlorobutadiene	11.07	225	88414	22.82	ng/ul	95
32) Caprolactam	11.69	113	27132m	20.51	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	123676	23.82	ng/ul#	86
34) 2-Methylnaphthalene	12.40	142	216730	21.65	ng/ul	93

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Instrument : BNA_M
LabSampleId : SSTD02034

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	150811	21.30 ng/ul#	95
37) Hexachlorocyclopentadiene	12.75	237	107339	21.31 ng/ul	95
38) 2,4,6-Trichlorophenol	13.00	196	87697	20.51 ng/ul	88
39) 2,4,5-Trichlorophenol	13.07	196	98200	21.31 ng/ul	94
40) 1,1'-Biphenyl	13.42	154	308450	20.81 ng/ul	96
41) 2-Chloronaphthalene	13.46	162	247101	21.25 ng/ul	97
42) 2-Nitroaniline	13.66	65	119538	29.54 ng/ul#	66
44) Dimethylphthalate	14.03	163	328650	21.09 ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	63156	23.22 ng/ul#	60
47) Acenaphthylene	14.30	152	377259	20.92 ng/ul	98
48) 3-Nitroaniline	14.49	138	62610	22.72 ng/ul#	68
49) Acenaphthene	14.64	153	260364	20.88 ng/ul	97
50) 2,4-Dinitrophenol	14.69	184	38765	20.52 ng/ul#	36
52) 4-Nitrophenol	14.77	109	109180	25.74 ng/ul#	67
53) Dibenzofuran	14.97	168	407786	21.49 ng/ul	88
54) 2,4-Dinitrotoluene	14.94	165	94891	23.03 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.20	232	101049	23.19 ng/ul#	95
56) Diethylphthalate	15.39	149	359466	21.92 ng/ul	98
58) Fluorene	15.63	166	341848	21.98 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	203642	23.09 ng/ul	94
60) 4-Nitroaniline	15.64	138	70655	23.46 ng/ul#	23
63) 4,6-Dinitro-2-methylphenol	15.69	198	69175	22.00 ng/ul#	70
64) N-Nitrosodiphenylamine	15.83	169	301087	20.79 ng/ul	98
65) 4-Bromophenyl-phenylether	16.51	248	127031m	21.26 ng/ul	
66) Hexachlorobenzene	16.62	284	140058	20.94 ng/ul	91
67) Atrazine	16.77	200	138460	21.53 ng/ul	94
68) Pentachlorophenol	16.96	266	90638	21.54 ng/ul	97
69) Phenanthrene	17.36	178	589588m	21.24 ng/ul	
71) Anthracene	17.46	178	604306	21.18 ng/ul	98
72) Carbazole	17.72	167	528670	20.82 ng/ul	98
73) Di-n-butylphthalate	18.27	149	628895	21.07 ng/ul#	96
74) Fluoranthene	19.37	202	765632	21.45 ng/ul#	96
77) Pyrene	19.73	202	790462	20.24 ng/ul#	94
78) Butylbenzylphthalate	20.62	149	294329	20.49 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.40	252	292325	21.12 ng/ul	99
80) Benzo(a)anthracene	21.47	228	822246	21.36 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.39	149	416680	20.72 ng/ul	100
82) Chrysene	21.52	228	771756	21.60 ng/ul	99
84) Di-n-octyl phthalate	22.30	149	700563	21.31 ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	765011	22.73 ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	724424	22.27 ng/ul#	98
88) Benzo(a)pyrene	23.74	252	703697	21.92 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	733962	20.17 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.27	278	629208	20.23 ng/ul#	95
91) Benzo(g,h,i)perylene	27.00	276	605852	19.62 ng/ul#	93

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