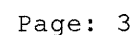


Instrument :
BNA_M
LabSampleId :
SSTD02024

Sohil
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

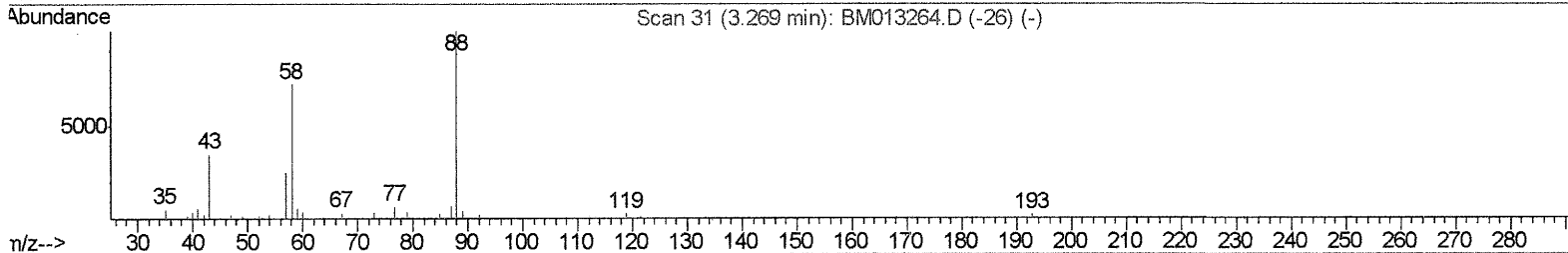
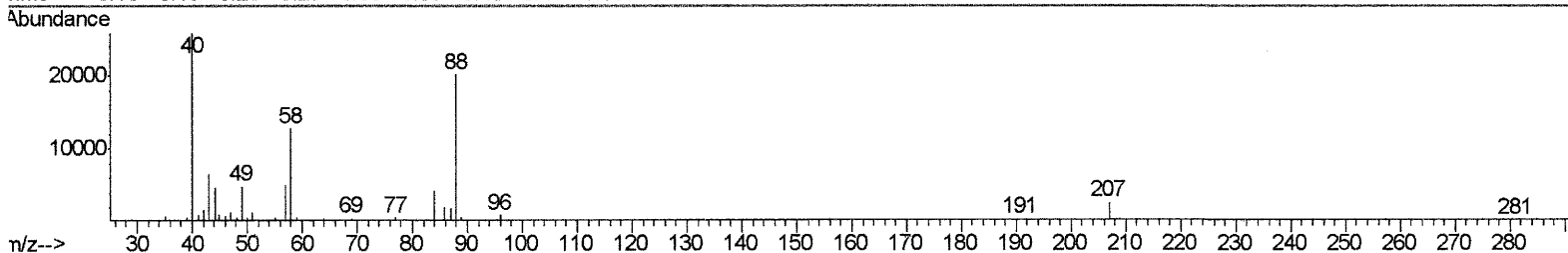
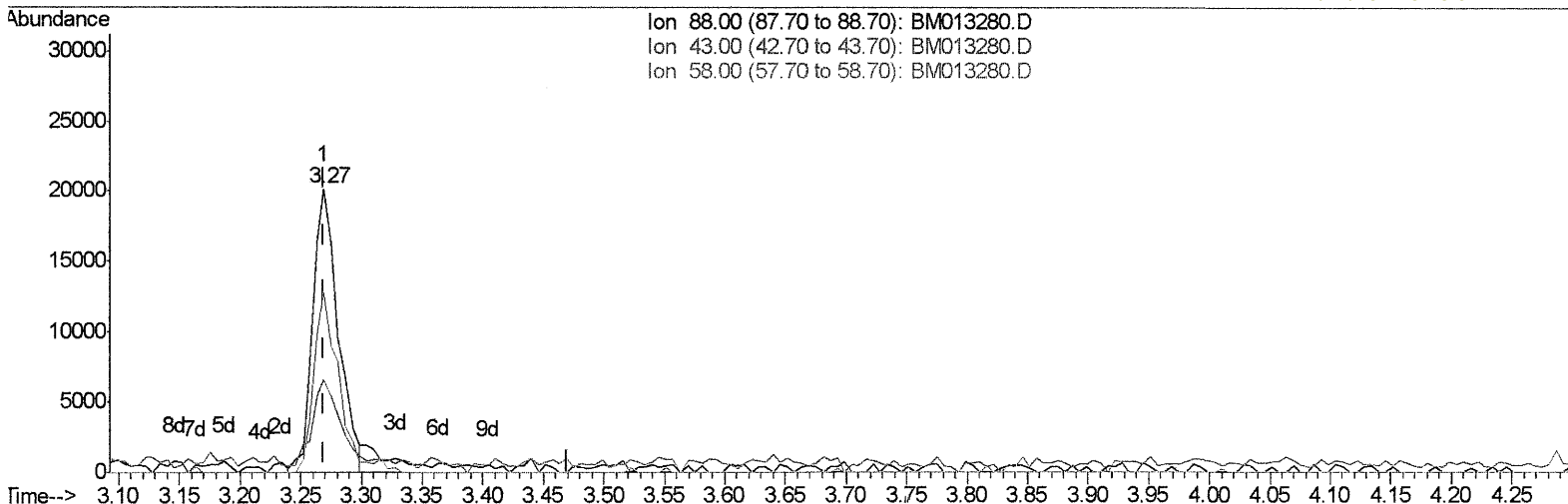
Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
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Sohil
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Quant Time: Dec 08 22:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

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TIC: BM013280.D

(2) 1,4-Dioxane

3.269min (-0.000) 7.32ng/uL

response 29614

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	33.35#
58.00	100.00	60.15#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

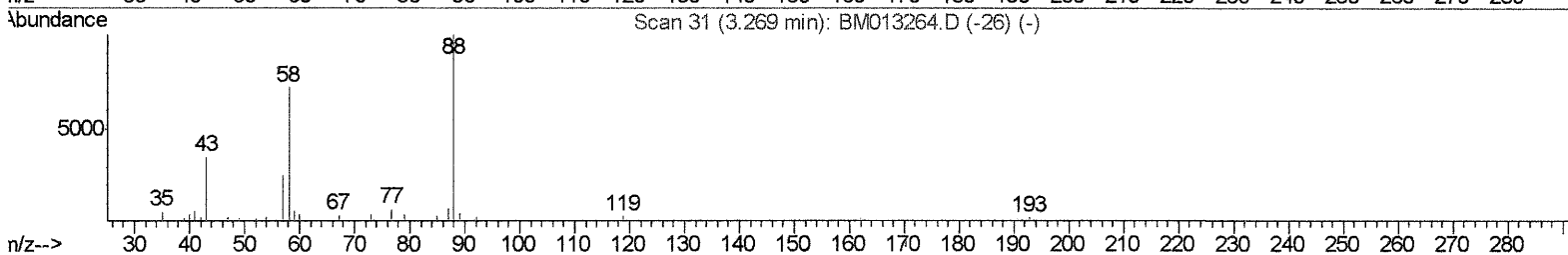
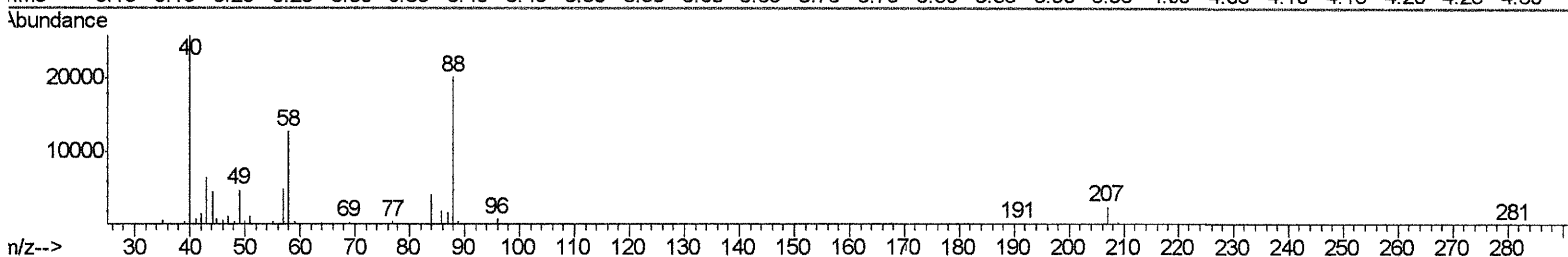
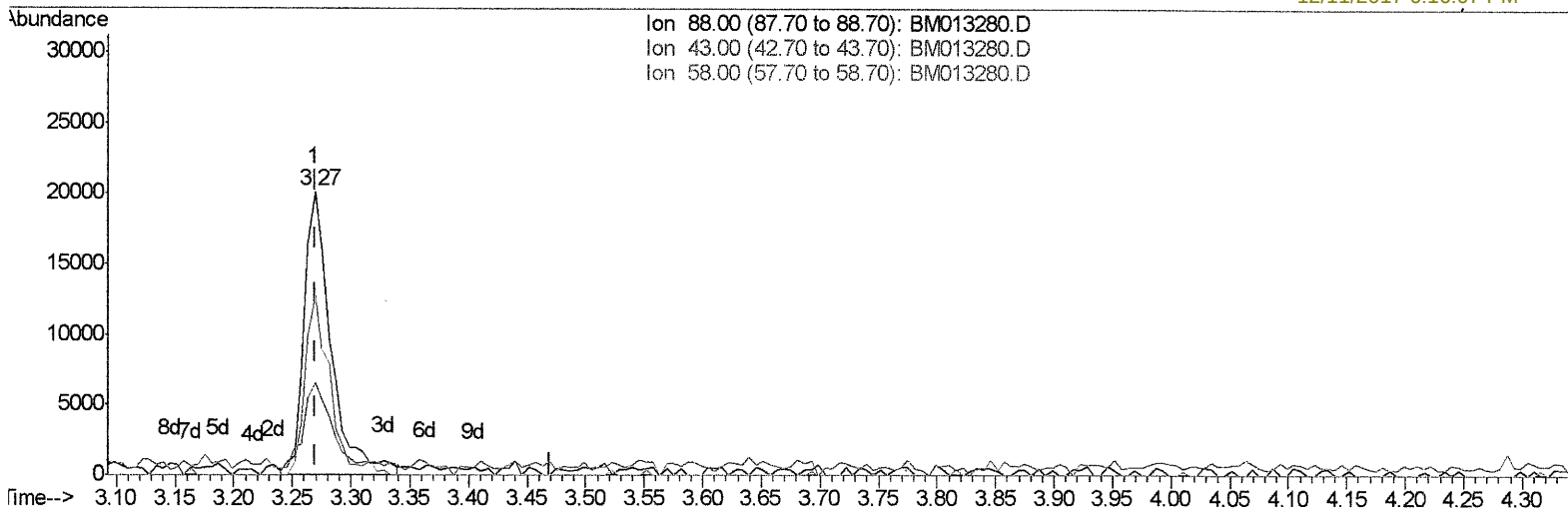
Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:07 PM

Quant Time: Dec 08 22:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

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TIC: BM013280.D

(2) 1,4-Dioxane

3.269min (-0.000) 7.99ng/uL m> SJ 12/11/17

response 32308

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	30.57#
58.00	100.00	55.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

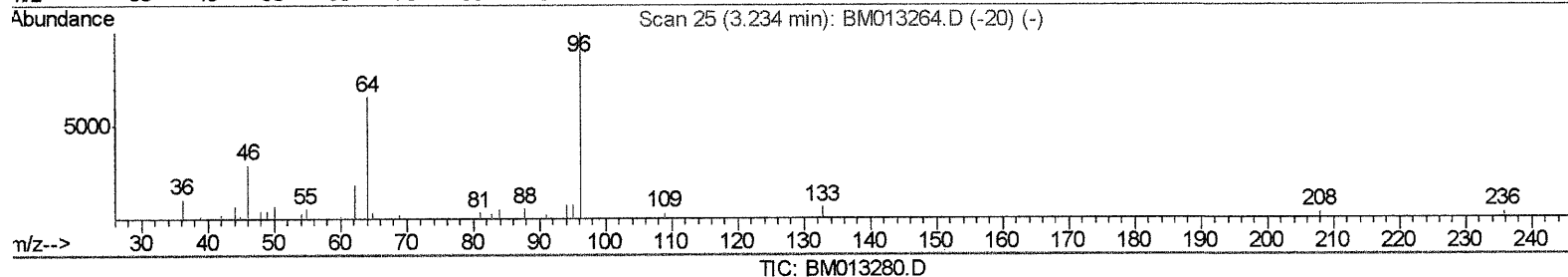
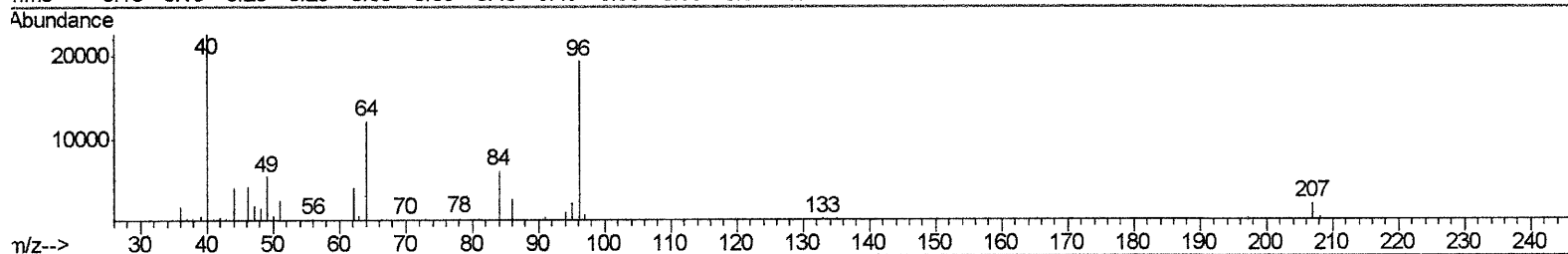
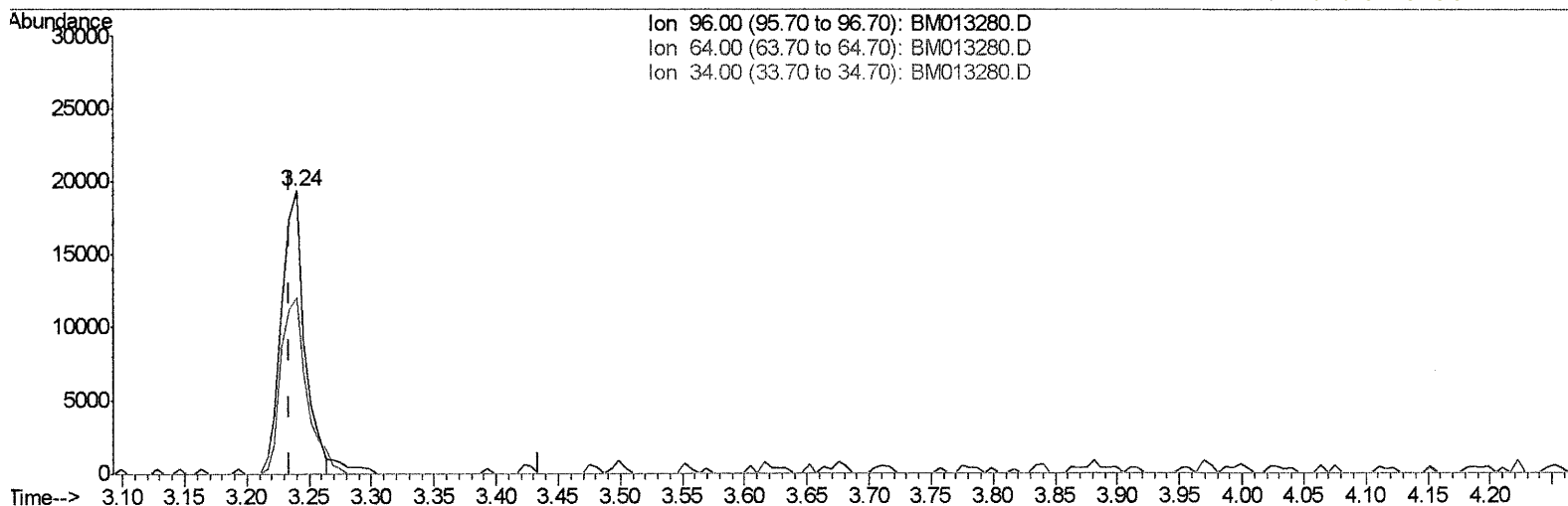
Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 08 22:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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 QLast Update : Fri Dec 08 16:56:30 2017
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(3) 1,4-Dioxane-d8 (S)

3.240min (+0.006) 6.93ng/uL

response 24959

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.82
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

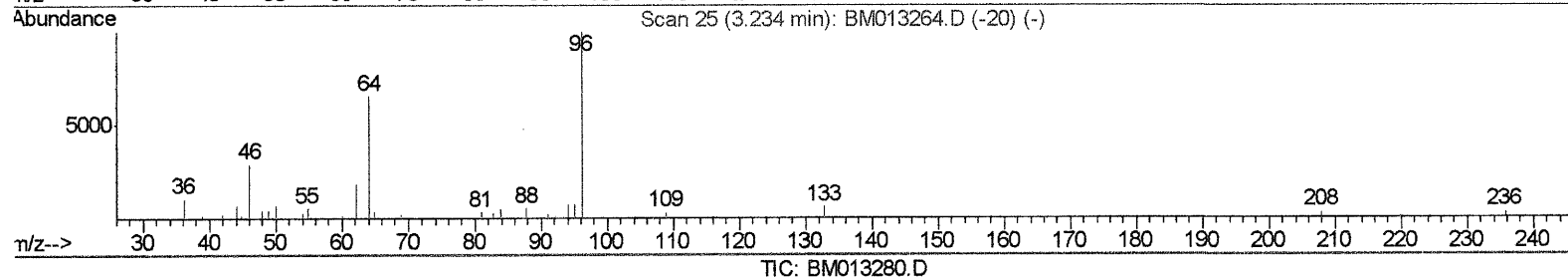
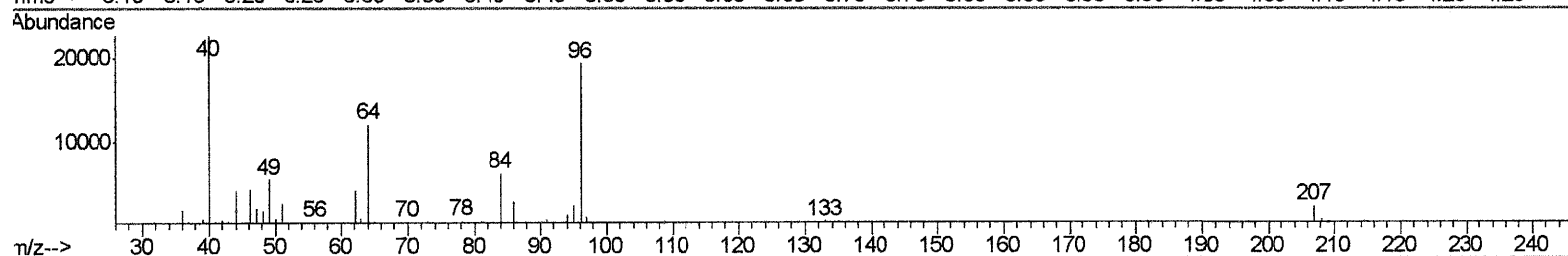
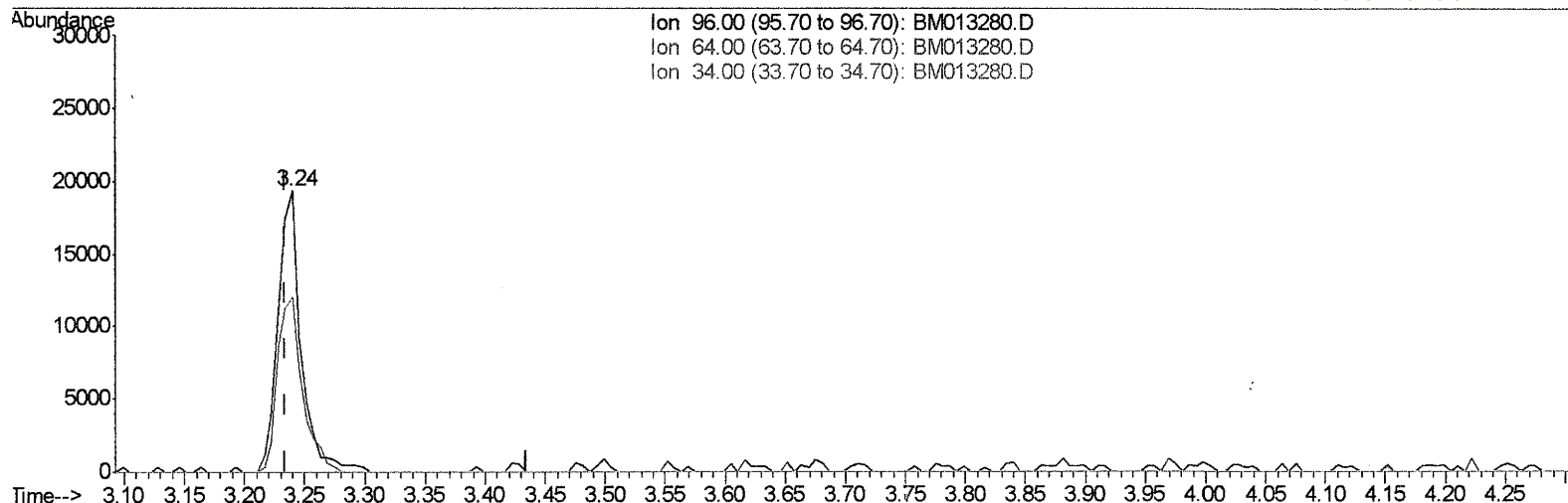
Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 08 22:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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TIC: BM013280.D

(3) 1,4-Dioxane-d8 (S)

3.240min (+0.006) 7.28ng/uL m> SJ 12/11/17

response 26207

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	67.44
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

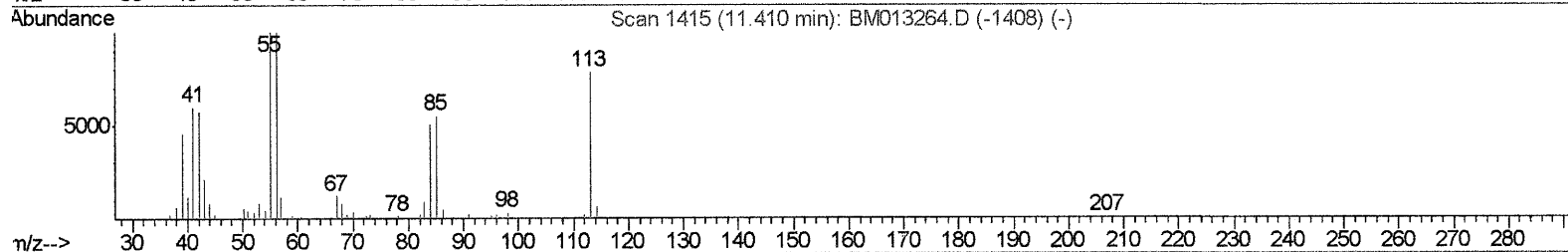
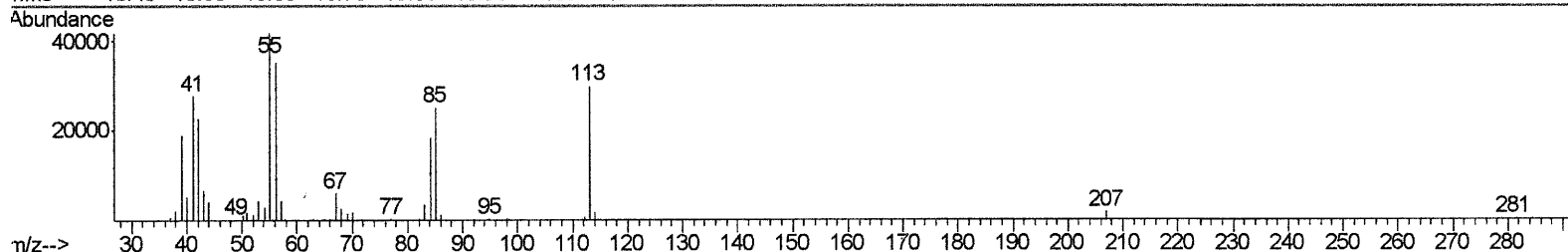
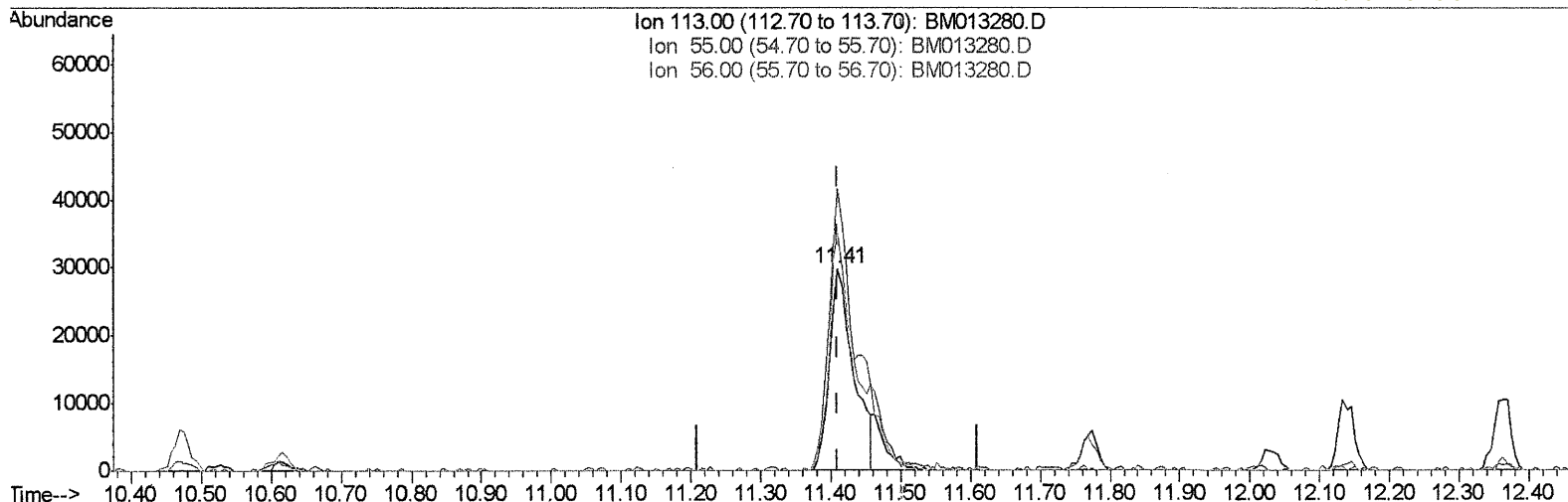
Instrument :
 BNA_M
 LabSampleID :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 08 23:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

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TIC: BM013280.D

(32) Caprolactam

11.410min (-0.000) 18.46ng/ul

response 71982

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	139.88#
56.00	200.00	118.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

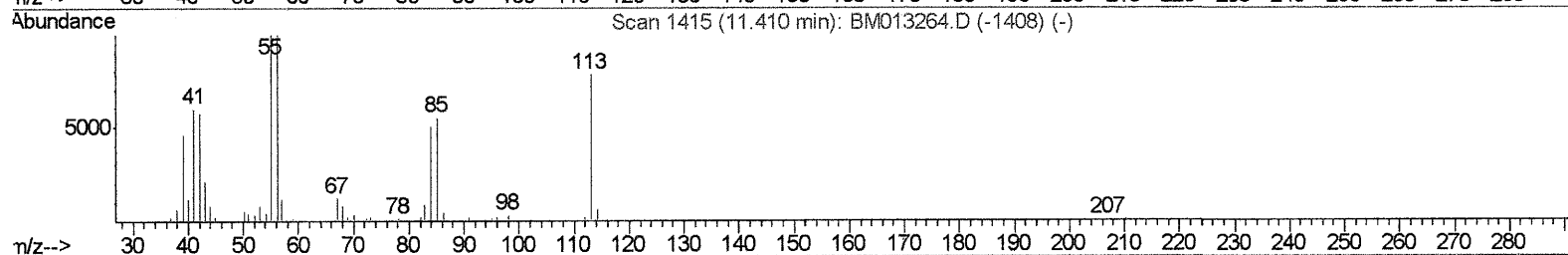
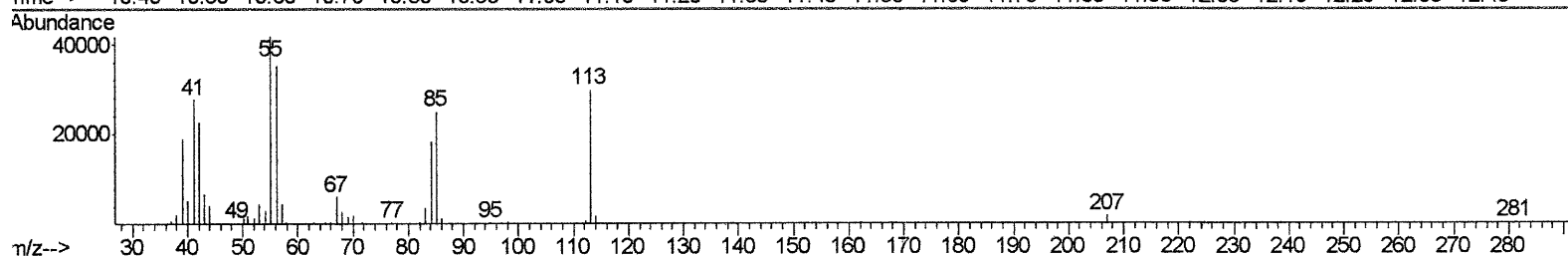
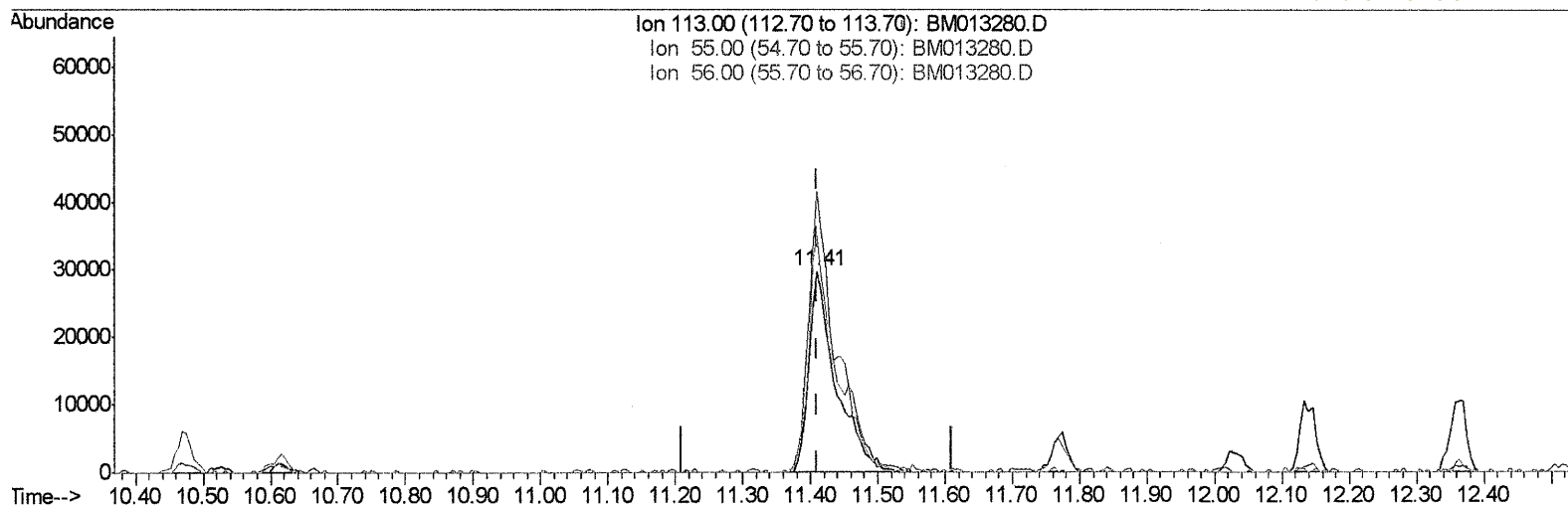
Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 08 23:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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TIC: BM013280.D

(32) Caprolactam

11.410min (-0.000) 21.07ng/ul m> 51 12/11/17

response 82180

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	139.88#
56.00	200.00	118.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 08 23:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	178415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	755241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	490870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1222882	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1292692	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1108423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	26207m>	7.28	ng/uL	0.00
5) Phenol-d5	6.87	99	288610	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	166039	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	230362	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	249410	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	118890	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	133061	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	257369	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	304579	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	867824	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1068236	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	149045	19.64	ng/ul	0.00
57) Fluorene-d10	15.33	176	734410	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	142058	18.47	ng/ul	0.00
70) Anthracene-d10	17.18	188	1206107	19.69	ng/ul	0.00
76) Pyrene-d10	19.48	212	1349446	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1109346	19.65	ng/ul	0.00

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Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	32308m>	7.989	ng/uL
4) Benzaldehyde	6.85	77	150681	19.727	ng/ul
6) Phenol	6.90	94	290033	19.006	ng/ul#
8) Bis(2-Chloroethyl)ether	7.13	93	216154	18.526	ng/ul
10) 2-Chlorophenol	7.26	128	226862	19.180	ng/ul
11) 2-Methylphenol	8.13	108	220205	18.658	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.22	45	236120	19.274	ng/ul#
14) Acetophenone	8.51	105	372648	18.581	ng/ul
15) N-Nitroso-di-n-propylamine	8.50	70	192832	19.088	ng/ul#
16) 4-Methylphenol	8.46	108	236337	18.726	ng/ul
17) Hexachloroethane	8.76	117	99216	19.267	ng/ul#
20) Nitrobenzene	8.89	77	290386	19.247	ng/ul
21) Isophorone	9.41	82	535130	20.157	ng/ul
23) 2-Nitrophenol	9.59	139	133991	20.163	ng/ul#
24) 2,4-Dimethylphenol	9.66	107	282118	19.464	ng/ul#
25) Bis(2-Chloroethoxy)methane	9.89	93	309869	19.944	ng/ul
27) 2,4-Dichlorophenol	10.13	162	247578	20.291	ng/ul#
28) Naphthalene	10.52	128	769891	19.814	ng/ul
30) 4-Chloroaniline	10.64	127	291888	24.834	ng/ul
31) Hexachlorobutadiene	10.80	225	171420	19.396	ng/ul
32) Caprolactam	11.41	113	82180m>	21.074	ng/ul
33) 4-Chloro-3-methylphenol	11.77	107	269495	20.135	ng/ul
34) 2-Methylnaphthalene	12.14	142	574447	19.667	ng/ul

SJ 12/11/17

SJ 12/11/17

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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02024

Manual Integrations
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Quant Time: Dec 08 23:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	334387	18.879	ng/ul#	94
37) Hexachlorocyclopentadiene	12.49	237	197663	16.955	ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	221264	20.038	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	238846	20.363	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	798907	19.257	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	629097	19.329	ng/ul	98
42) 2-Nitroaniline	13.42	65	191854	20.120	ng/ul	89
44) Dimethylphthalate	13.80	163	843810	20.197	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	172627	20.259	ng/ul	98
47) Acenaphthylene	14.06	152	977551	19.597	ng/ul	99
48) 3-Nitroaniline	14.24	138	165676	21.753	ng/ul	82
49) Acenaphthene	14.40	153	656758	19.327	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	82497	17.496	ng/ul	96
52) 4-Nitrophenol	14.56	109	146339	19.655	ng/ul	85
53) Dibenzofuran	14.74	168	976062	19.457	ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	252612	20.380	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.97	232	223909	20.820	ng/ul	96
56) Diethylphthalate	15.17	149	857074	20.454	ng/ul	94
58) Fluorene	15.39	166	807132	19.449	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	438002	19.445	ng/ul	98
60) 4-Nitroaniline	15.42	138	190437	21.193	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	136582	17.767	ng/ul#	90
64) N-Nitrosodiphenylamine	15.60	169	699431	19.416	ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	281043	19.550	ng/ul	96
66) Hexachlorobenzene	16.39	284	308012	19.429	ng/ul#	91
67) Atrazine	16.56	200	282104	21.217	ng/ul	94
68) Pentachlorophenol	16.73	266	174965	19.082	ng/ul	98
69) Phenanthrene	17.13	178	1331883	19.171	ng/ul	98
71) Anthracene	17.22	178	1370036	19.292	ng/ul	99
72) Carbazole	17.49	167	1173666	19.215	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1491080	20.911	ng/ul	99
74) Fluoranthene	19.14	202	1628156	19.124	ng/ul#	93
77) Perylene	19.51	202	1661103	21.151	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	682931	22.256	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.19	252	527657	19.418	ng/ul#	91
80) Benzo(a)anthracene	21.26	228	1599541	19.502	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	963585	20.834	ng/ul#	98
82) Chrysene	21.31	228	1479475	19.443	ng/ul	100
84) Di-n-octyl phthalate	22.07	149	1586218	20.124	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1453074	19.447	ng/ul#	95
86) Benzo(k)fluoranthene	22.87	252	1429969	20.336	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1326382	19.761	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1345430	20.202	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.75	278	1151256	20.301	ng/ul#	96
91) Benzo(a,h,i)perylene	26.42	276	1045024	19.893	ng/ul#	97

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