Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049637.D
Acq On : 4 Aug 2021 14:32
Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 15:08:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080419

Manual Integrations APPROVED
mohammad
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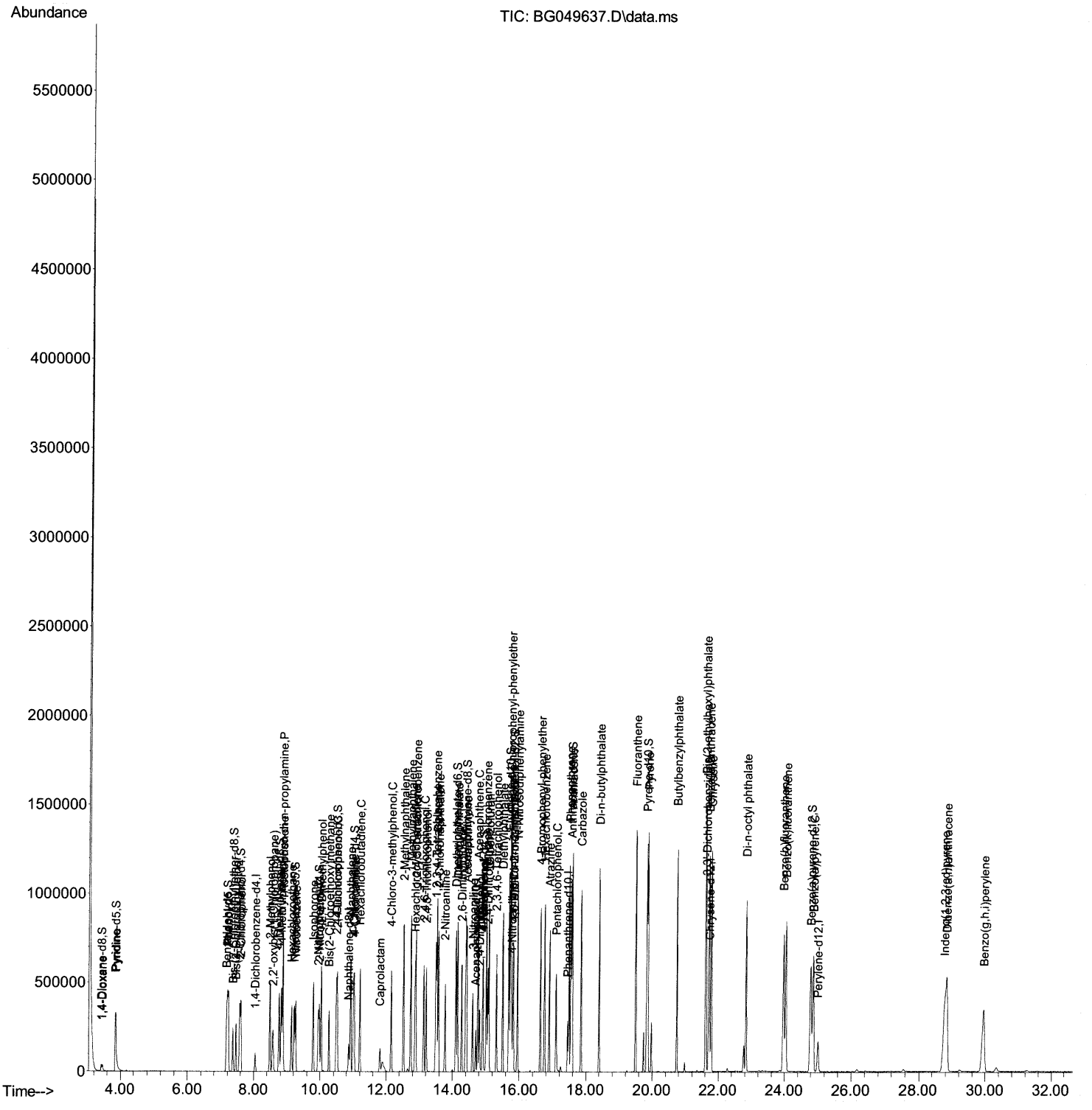

Quantitation Report (Qedit)

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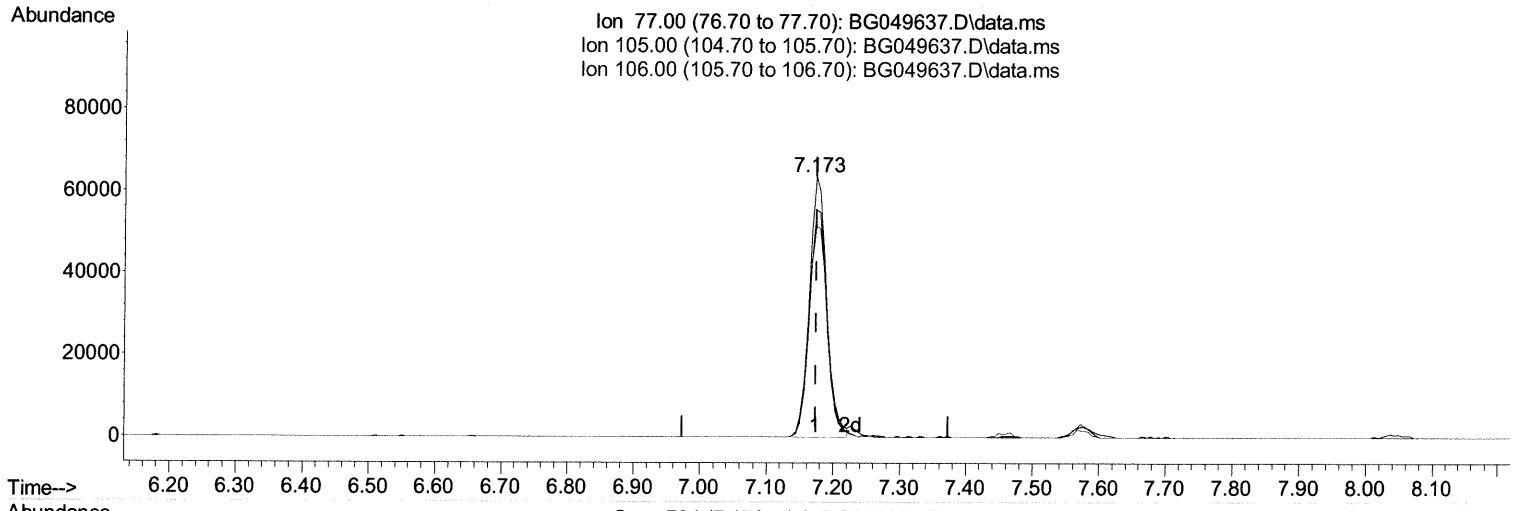

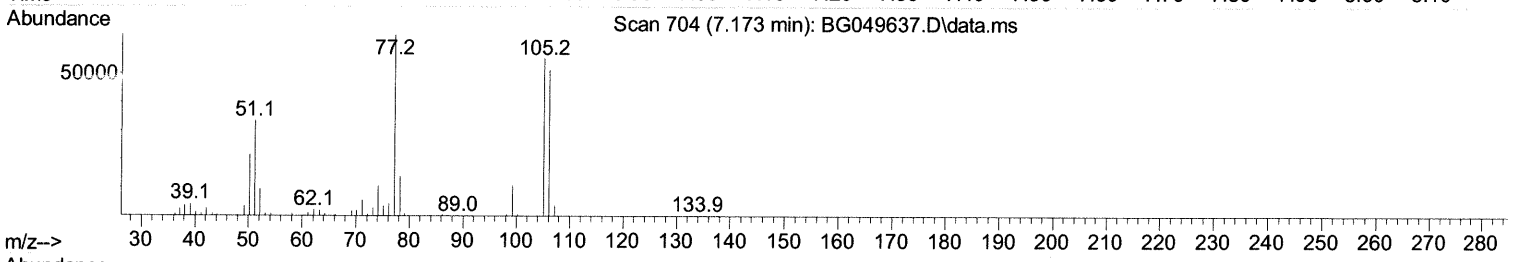

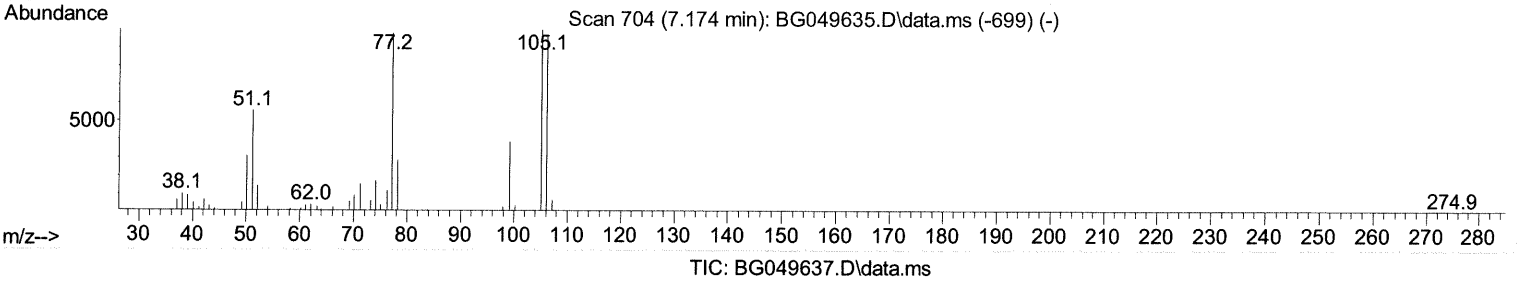

TIC: BG049637.D\data.ms

(6) Benzaldehyde

7.173min (-0.001) 72.40 ng/ul

response 114891

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	87.08
106.00	101.20	80.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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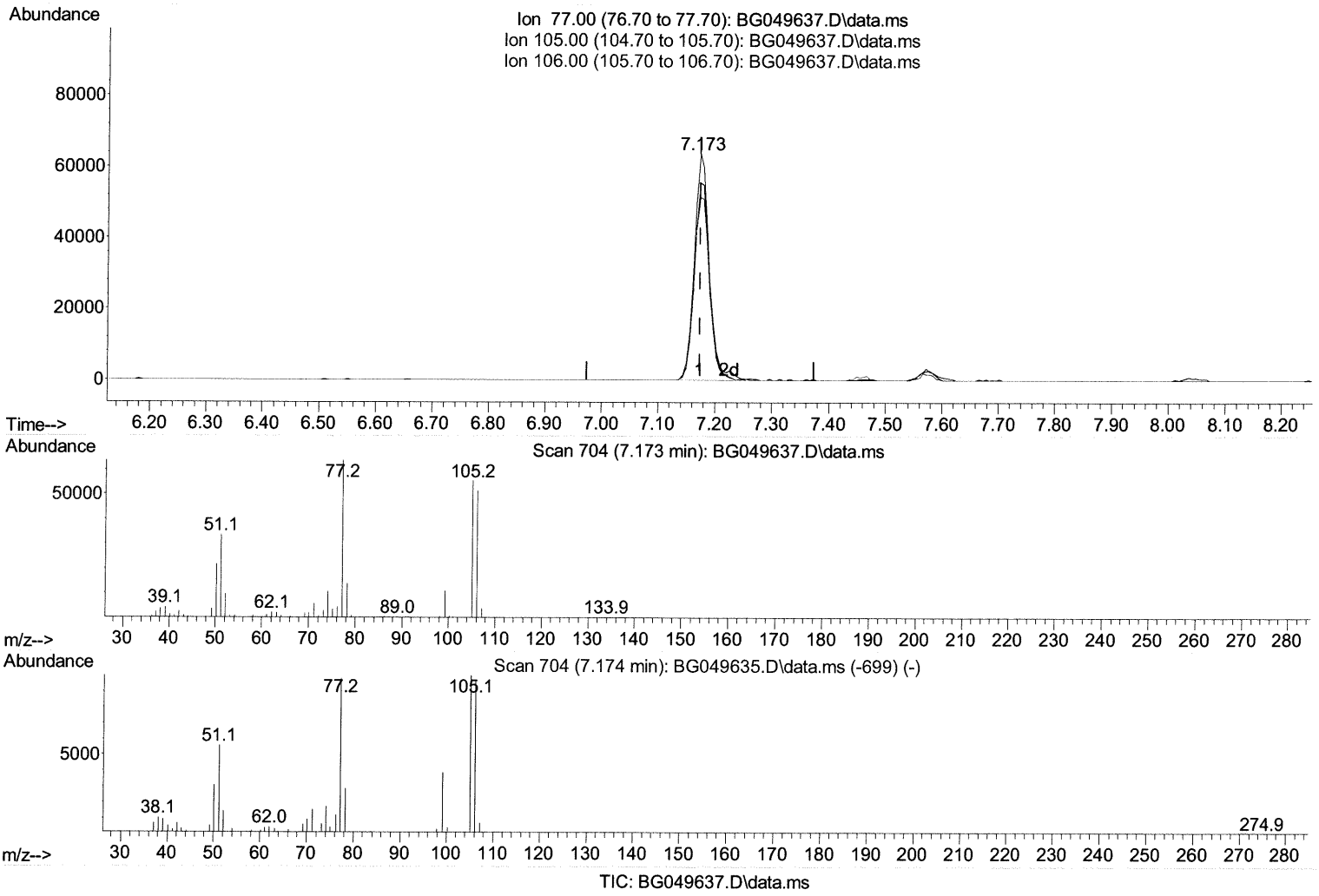

TIC: BG049637.D\data.ms

(6) Benzaldehyde

7.173min (-0.001) 73.91 ng/ul m 08/09/21 JU

response 117281

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	87.08
106.00	101.20	80.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
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Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 15:08:57 2021
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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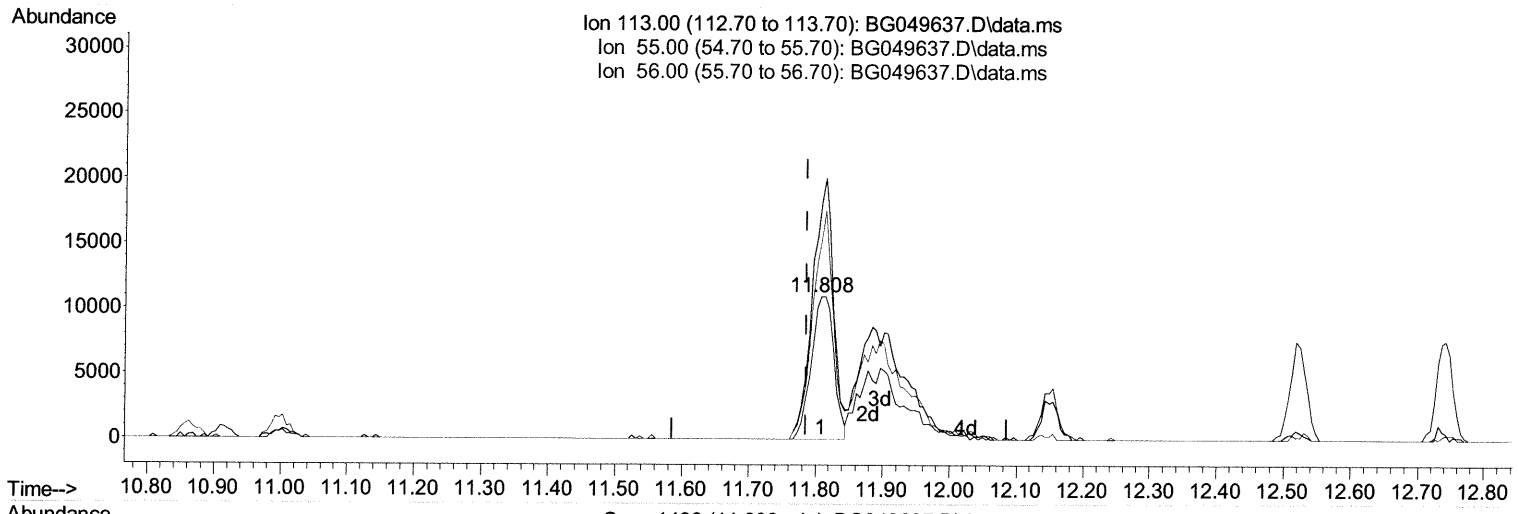

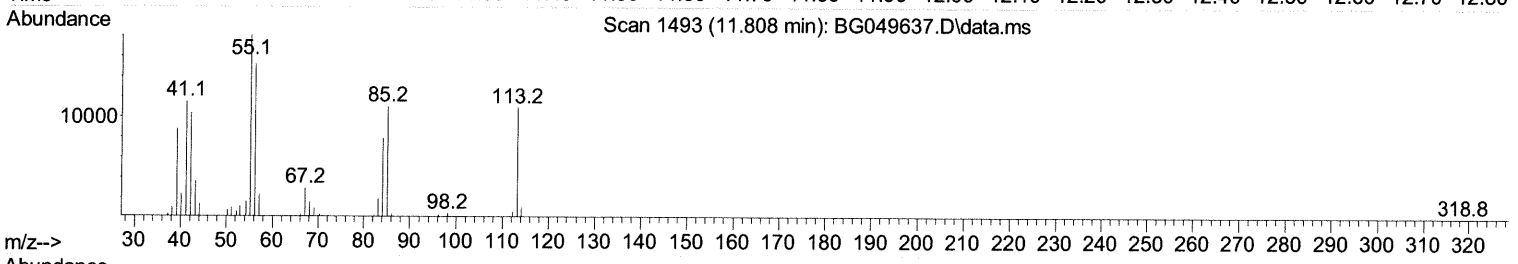

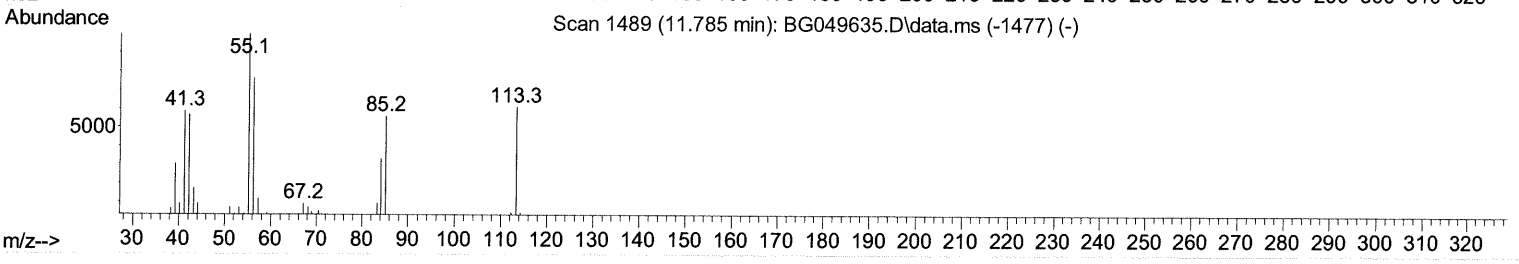

TIC: BG049637.D\data.ms

(34) Caprolactam

11.808min (+ 0.023) 37.22 ng/ul

response 25541

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	165.15
56.00	125.20	139.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
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Acq On : 4 Aug 2021 14:32
Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080419

Manual Integrations APPROVED
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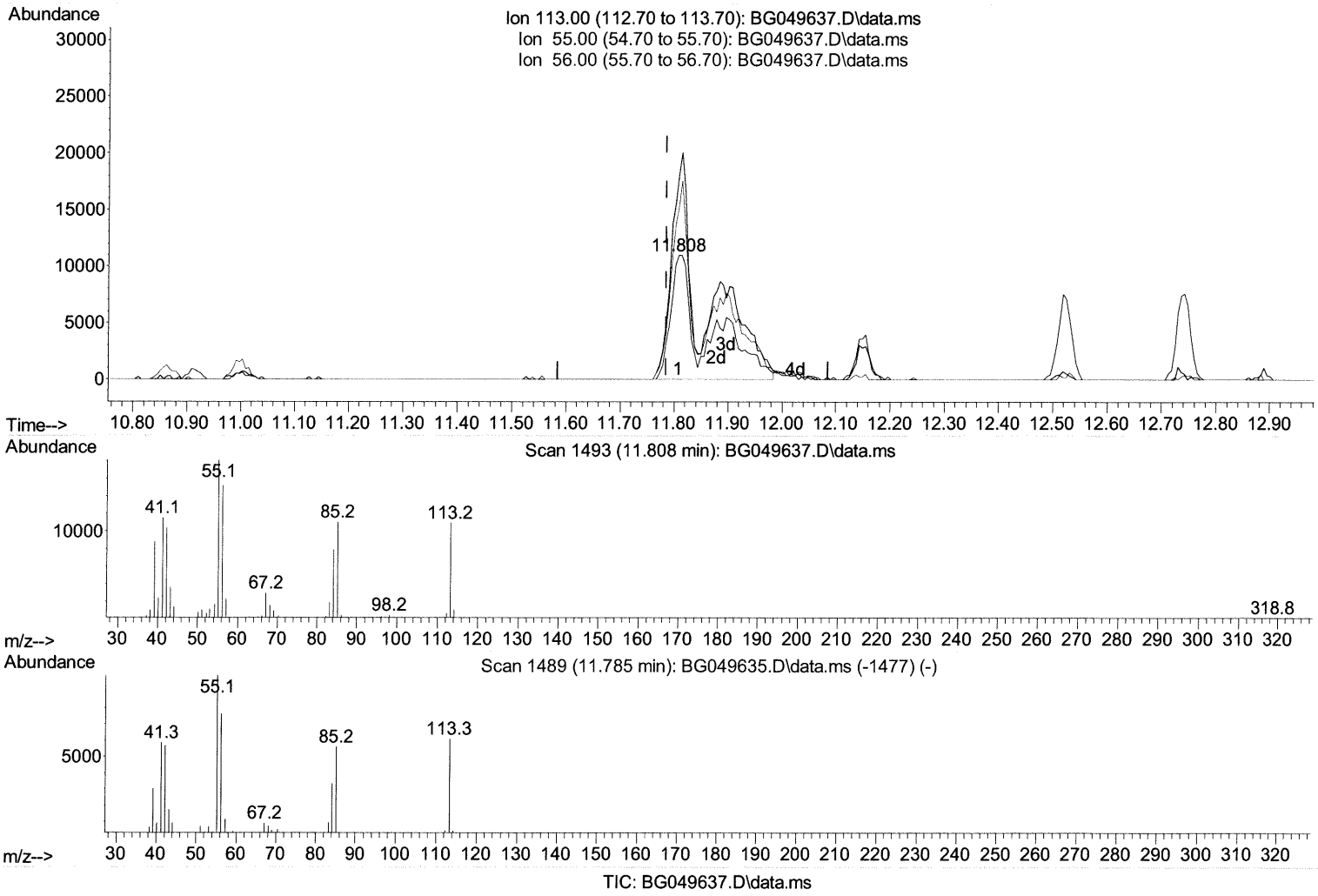

TIC: BG049637.D\data.ms

(34) Caprolactam

11.808min (+ 0.023) 73.07 ng/ul m 08/04/2021

response 50140

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	165.15
56.00	125.20	139.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049637.D
Acq On : 4 Aug 2021 14:32
Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 15:08:57 2021
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Instrument :
BNA_G
ClientSampleId :
SSTD080419

Manual Integrations APPROVED
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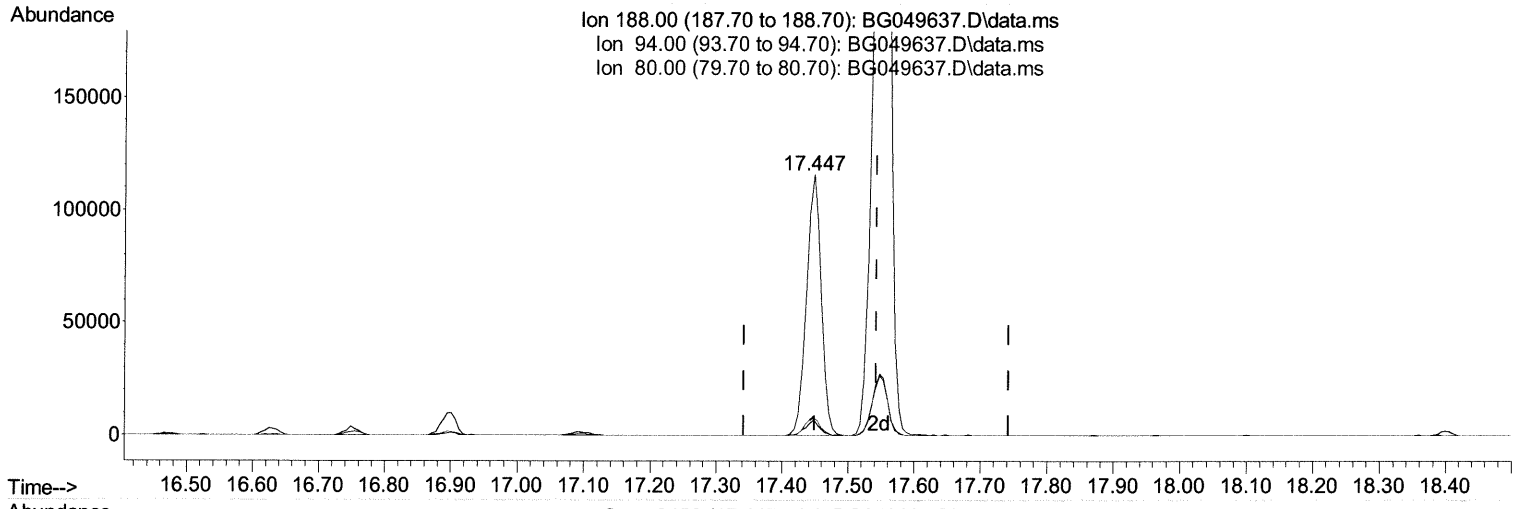

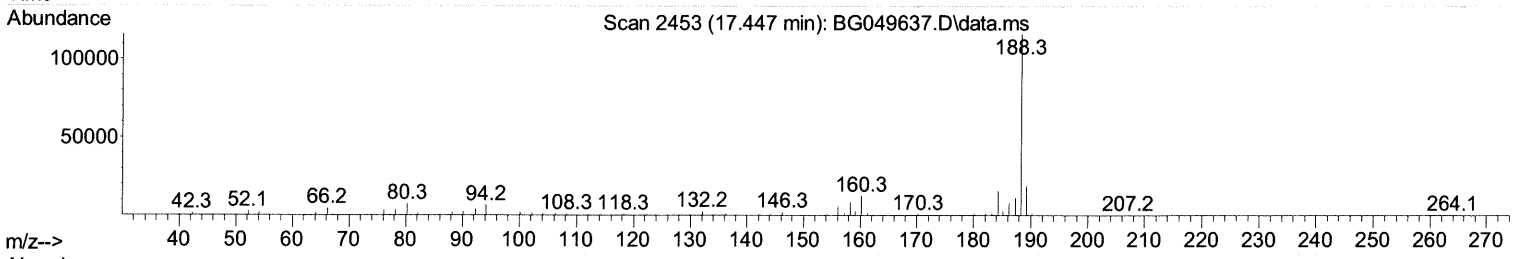

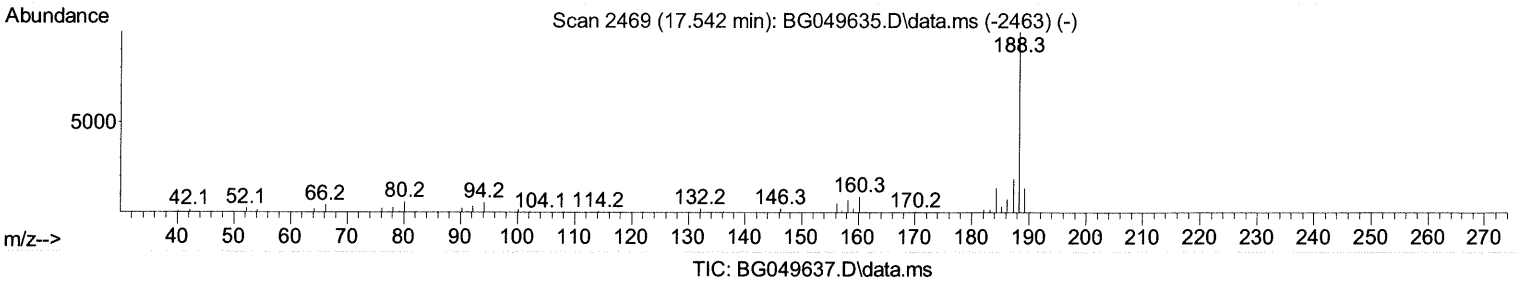

TIC: BG049637.D\data.ms

(73) Anthracene-d10 (S)

17.447min (-0.095) 21.52 ng/ul

response 180542

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.87
80.00	6.00	6.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
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Operator : CG/JU
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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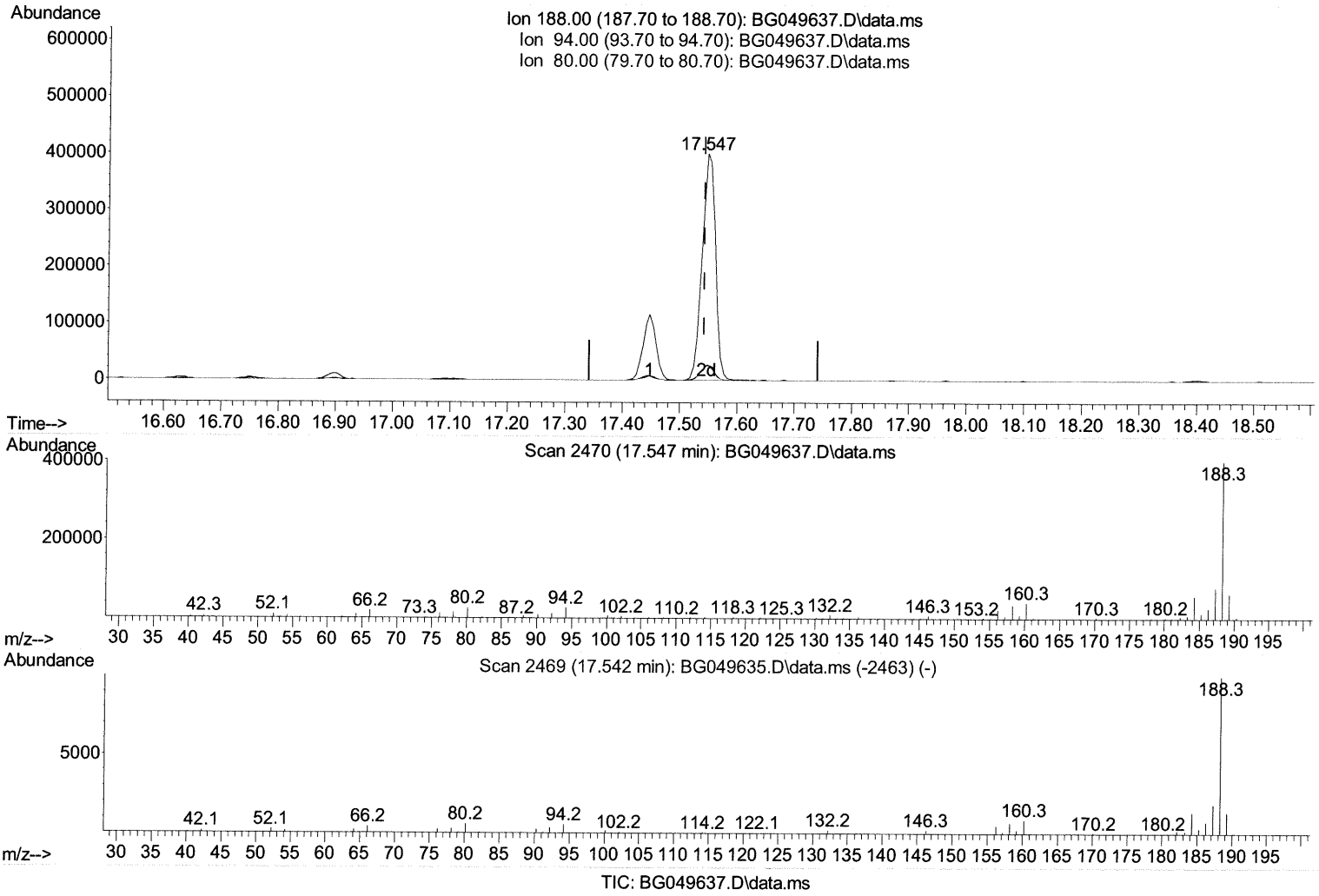

(73) Anthracene-d10 (S)

17.547min (+ 0.005) 77.14 ng/ul m 08/04/21 JU

response 647295

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	6.80#
80.00	6.00	6.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	30058	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	125960	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	83596	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	180542	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	166146	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	168950	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	20339	30.957	ng/uL	0.00
4) Pyridine-d5	3.848	84	154710	81.984	ng/ul	0.00
7) Phenol-d5	7.202	99	215831	81.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	120680	80.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	160255	84.066	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	166033	82.828	ng/ul	0.01
21) Nitrobenzene-d5	9.217	128	80630	83.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	95796	84.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	173566	84.094	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	224775	78.142	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	517402	80.799	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	612190	82.310	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	84370	80.006	ng/ul	0.02
60) Fluorene-d10	15.691	176	441131	79.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	100151	89.519	ng/ul	0.01
73) Anthracene-d10	17.547	188	647295m	77.141	ng/ul	0.00
81) Pyrene-d10	19.832	212	726199	85.480	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	744574	83.850	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	20825	23.190	ng/uL	90
5) Pyridine	3.866	79	169291	83.868	ng/ul	95
6) Benzaldehyde	7.173	77	117281m	73.906	ng/ul	>
8) Phenol	7.226	94	214908	82.725	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.461	93	144656	80.824	ng/ul	92
12) 2-Chlorophenol	7.608	128	157178	85.644	ng/ul	96
13) 2-Methylphenol	8.483	108	162783	82.214	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.577	45	163650	78.026	ng/ul#	93
16) Acetophenone	8.877	105	269062	83.398	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.871	70	142144	85.442	ng/ul	92
18) 4-Methylphenol	8.824	108	173874	83.474	ng/ul	84
19) Hexachloroethane	9.129	117	70867	85.715	ng/ul	91
22) Nitrobenzene	9.258	77	229190	79.263	ng/ul	99
23) Isophorone	9.793	82	393914	81.300	ng/ul	98
25) 2-Nitrophenol	9.975	139	92604	86.710	ng/ul#	91
26) 2,4-Dimethylphenol	10.028	107	210806	82.822	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.263	93	197186	81.597	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	159421	79.014	ng/ul	96
30) Naphthalene	10.915	128	507749	78.257	ng/ul	97
32) 4-Chloroaniline	11.027	127	214736	78.479	ng/ul	98
33) Hexachlorobutadiene	11.197	225	128332	83.194	ng/ul	97
34) Caprolactam	11.808	113	50140m	73.069	ng/ul	>
35) 4-Chloro-3-methylphenol	12.149	107	189636	83.534	ng/ul	92

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ClientSampleId :
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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	385606	81.202	ng/ul	98
37) 1-Methylnaphthalene	12.742	142	379086	79.000	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.889	216	208891	84.074	ng/ul	99
40) Hexachlorocyclopentadiene	12.865	237	139133	92.936	ng/ul	91
41) 2,4,6-Trichlorophenol	13.130	196	138923	90.986	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.206	196	143141	87.784	ng/ul	98
43) 1,1'-Biphenyl	13.529	154	481071	80.812	ng/ul	98
44) 2-Chloronaphthalene	13.576	162	380998	82.248	ng/ul	98
45) 2-Nitroaniline	13.776	65	142657	86.779	ng/ul	98
47) Dimethylphthalate	14.146	163	493988	79.326	ng/ul	97
48) 2,6-Dinitrotoluene	14.275	165	106529	85.718	ng/ul	95
50) Acenaphthylene	14.422	152	567117	79.844	ng/ul	99
51) 3-Nitroaniline	14.604	138	95026	76.664	ng/ul#	88
52) Acenaphthene	14.763	153	405437	79.588	ng/ul	97
53) 2,4-Dinitrophenol	14.810	184	67128	108.413	ng/ul	97
55) 4-Nitrophenol	14.921	109	113044	79.055	ng/ul	95
56) Dibenzofuran	15.098	168	552004	80.249	ng/ul	98
57) 2,4-Dinitrotoluene	15.062	165	147418	83.682	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	127513	86.172	ng/ul	95
59) Diethylphthalate	15.509	149	503454	78.116	ng/ul	96
61) Fluorene	15.750	166	449246	76.932	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.732	204	247273	81.345	ng/ul	98
63) 4-Nitroaniline	15.773	138	89190	72.562	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.832	198	90881	88.246	ng/ul#	96
67) N-Nitrosodiphenylamine	15.949	169	387325	81.860	ng/ul	95
68) 4-Bromophenyl-phenylether	16.631	248	170663	84.896	ng/ul	97
69) Hexachlorobenzene	16.754	284	188364	82.816	ng/ul	95
70) Atrazine	16.901	200	161160	74.576	ng/ul	91
71) Pentachlorophenol	17.101	266	101164	96.060	ng/ul	98
72) Phenanthrene	17.494	178	722436	76.864	ng/ul	99
74) Anthracene	17.582	178	708996	74.440	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.494	216	212465	86.605	ng/uL	98
76) Pentachlorobenzene	15.015	250	224428	86.463	ng/uL	96
77) Carbazole	17.853	167	643534	75.575	ng/ul	96
78) Di-n-butylphthalate	18.399	149	788491	74.464	ng/ul	98
80) Fluoranthene	19.497	202	872101	84.542	ng/ul	99
82) Pyrene	19.868	202	831992	81.235	ng/ul	100
83) Butylbenzylphthalate	20.737	149	350375	87.870	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.624	252	294039	77.023	ng/ul	99
85) Benzo(a)anthracene	21.712	228	827700	81.482	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	506886	85.658	ng/ul	99
87) Chrysene	21.777	228	777492	79.967	ng/ul	99
89) Di-n-octyl phthalate	22.834	149	831226	83.698	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	886575	83.723	ng/ul	100
91) Benzo(k)fluoranthene	24.038	252	846821	81.711	ng/ul	99
93) Benzo(a)pyrene	24.867	252	756579	82.356	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.773	276	991264	84.567	ng/ul	98
95) Dibenzo(a,h)anthracene	28.838	278	818865	84.419	ng/ul	99
96) Benzo(g,h,i)perylene	29.960	276	820656	84.209	ng/ul	97

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