

Instrument :
BNA_N
ClientSampleId :
SLCS631

mohammad
5/26/2021 4:27:57 PM

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
Data File : BN014754.D
Acq On : 26 May 2021 03:09
Operator : CG/JU
Sample : PB136631BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

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Manual Integrations
APPROVED

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Quant Time: May 26 04:16:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 10:33:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

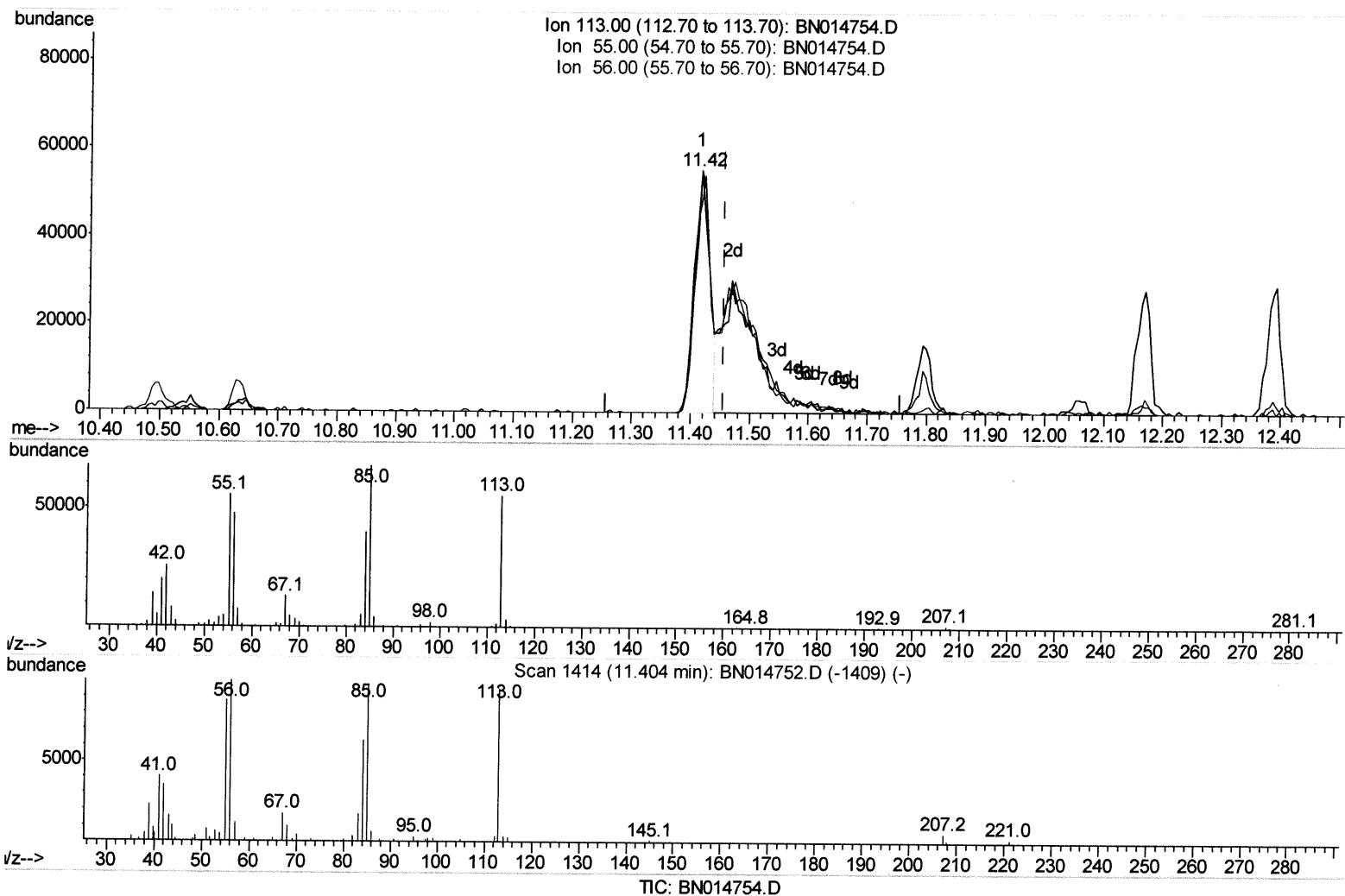
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Quant Time: May 26 04:07:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
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(34) Caprolactam

11.416min (-0.041) 17.22ng/ul

response 93162

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	100.13
56.00	73.20	86.27
0.00	0.00	0.00

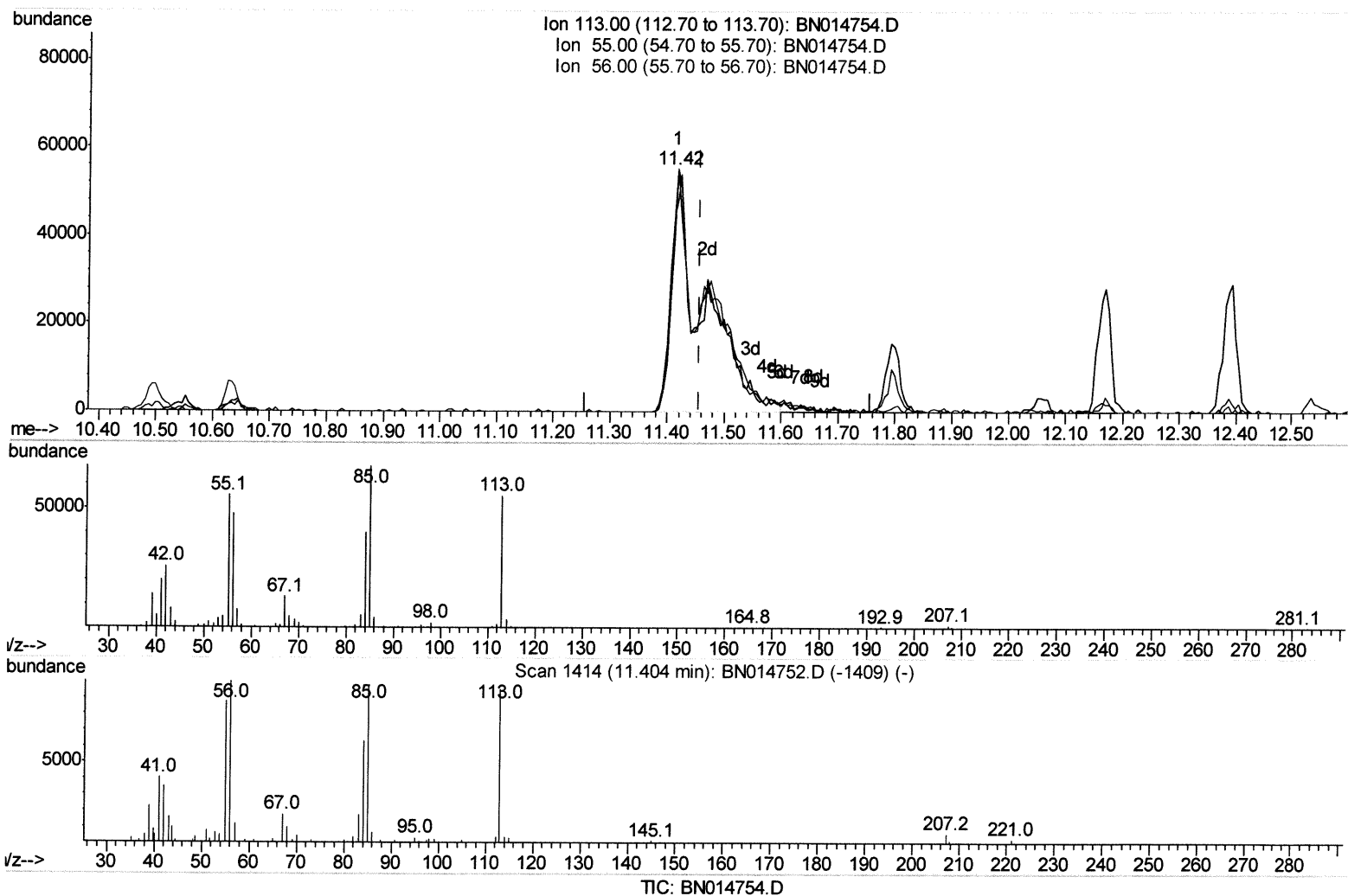
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(34) Caprolactam

11.416min (-0.041) 39.20ng/ul m

response 212049

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	100.13
56.00	73.20	86.27
0.00	0.00	0.00

JU 5/27/21

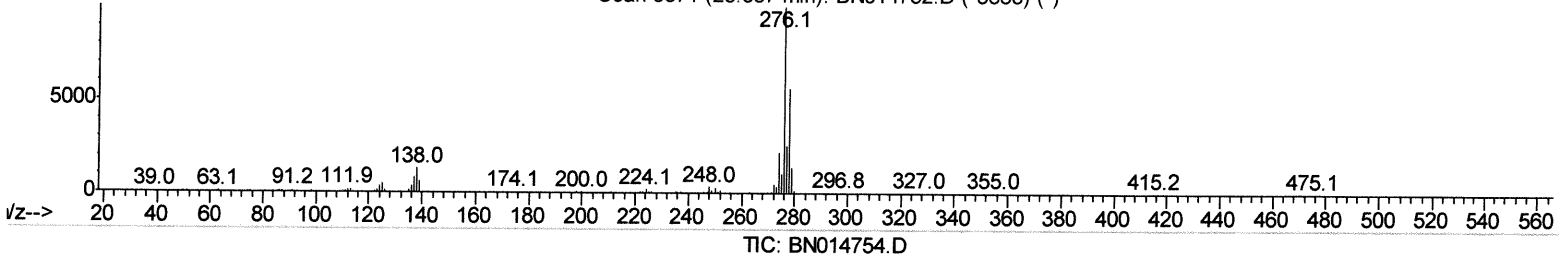
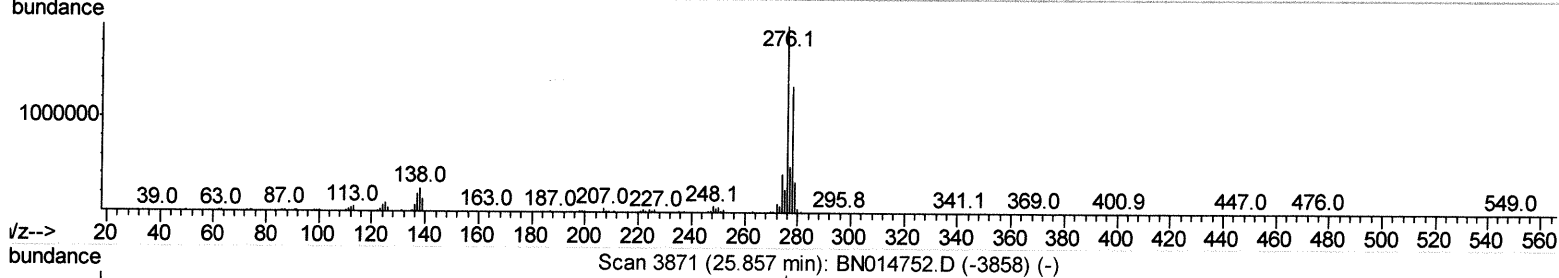
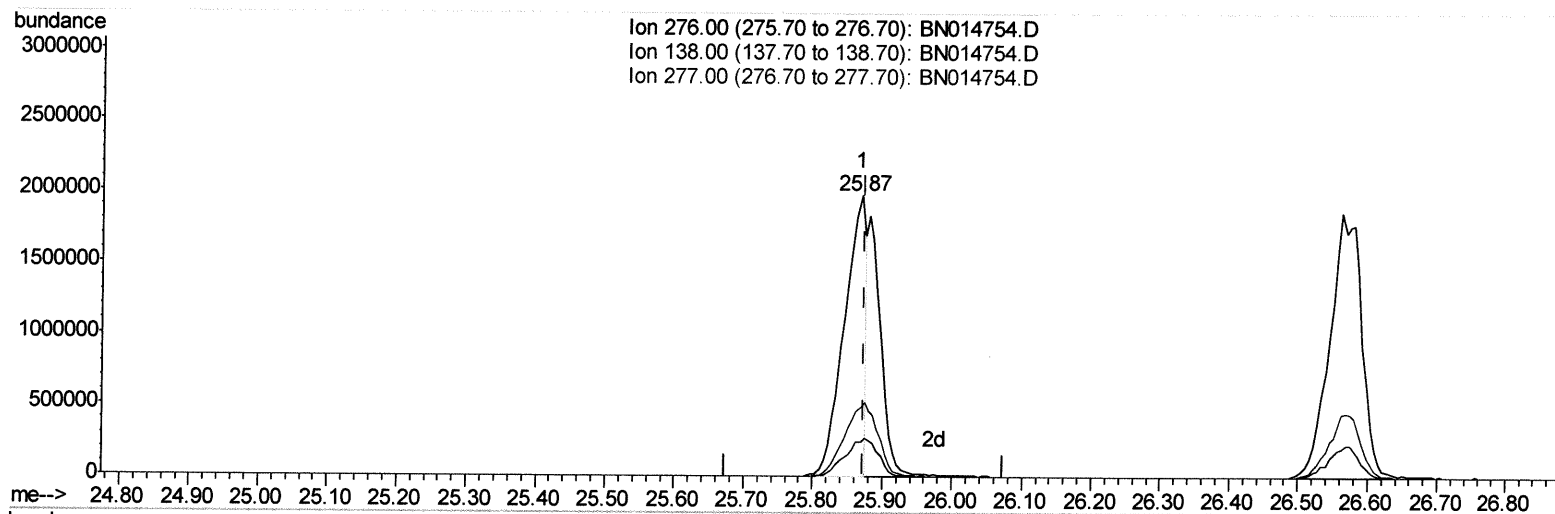
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(94) Indeno(1,2,3-cd)pyrene

25.868min (-0.006) 22.06ng/ul

response 4208464

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	12.38
277.00	24.40	24.61
0.00	0.00	0.00

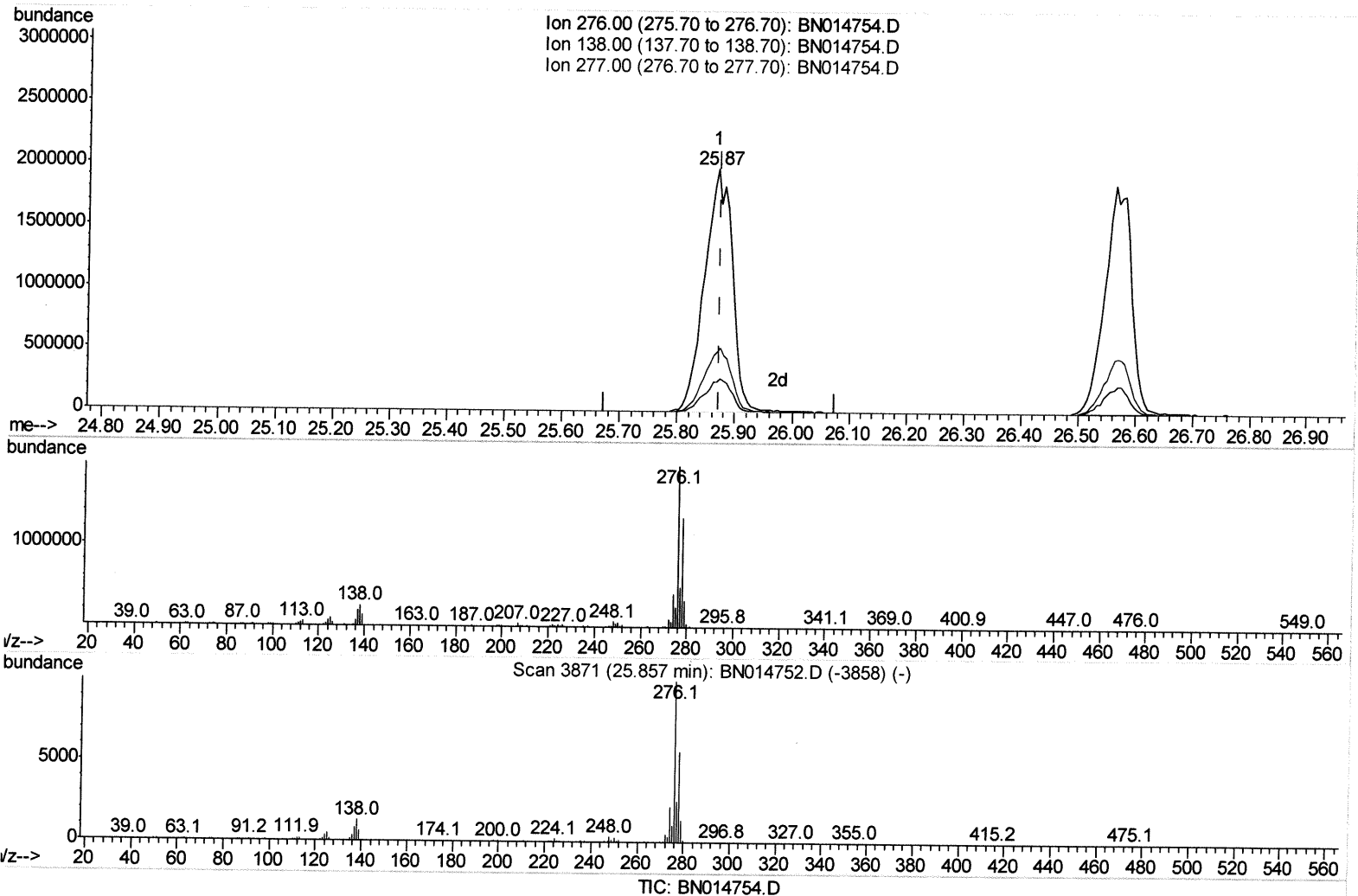
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(94) Indeno(1,2,3-cd)pyrene

25.868min (-0.006) 34.97ng/ul m

response 6670547

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	12.38
277.00	24.40	24.61
0.00	0.00	0.00

Handwritten signature: JU 5/27/21

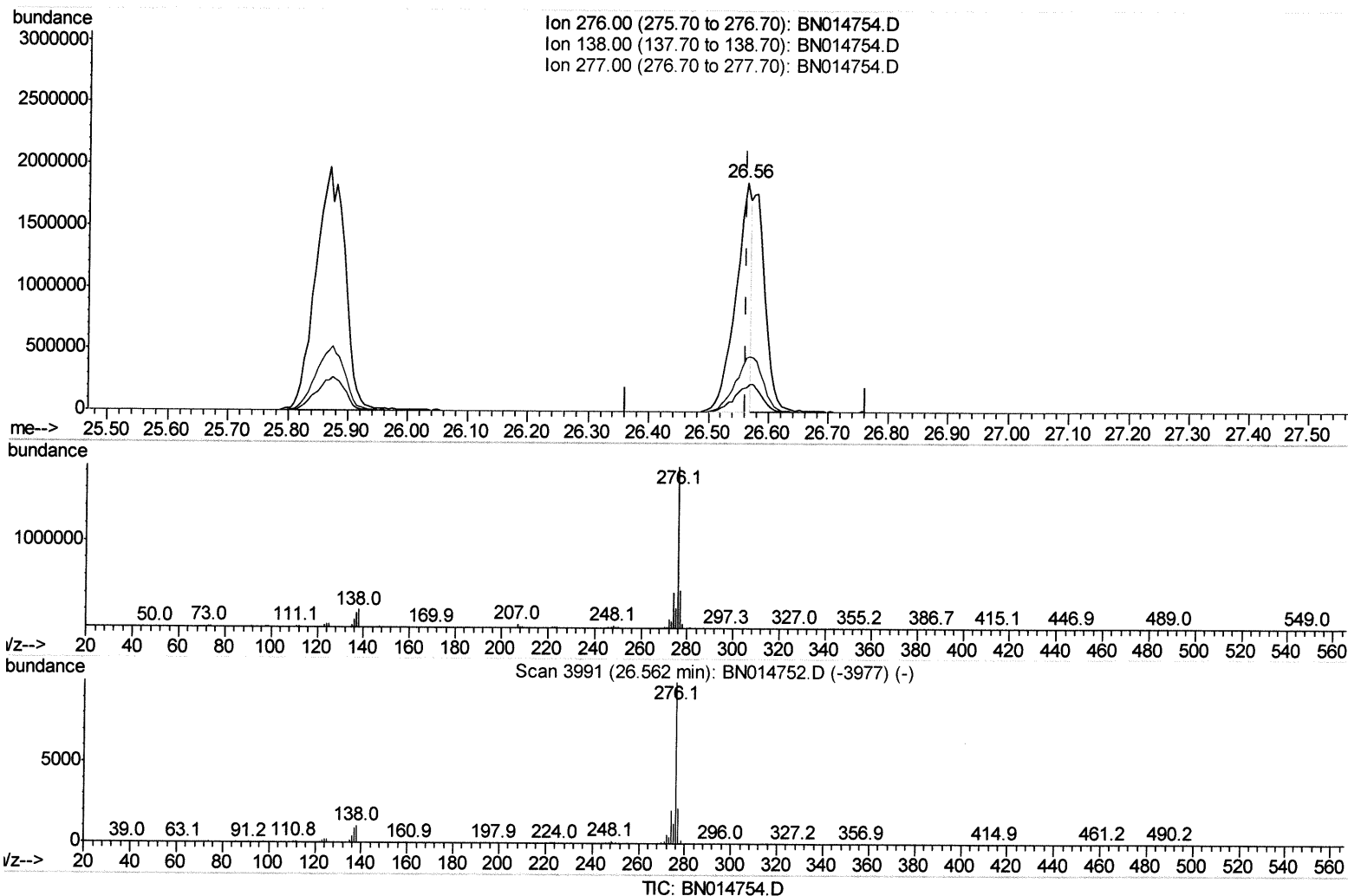
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(96) Benzo(g,h,i)perylene

26.562min (+0.000) 19.90ng/ul

response 3359633

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	10.70
277.00	19.60	23.42
0.00	0.00	0.00

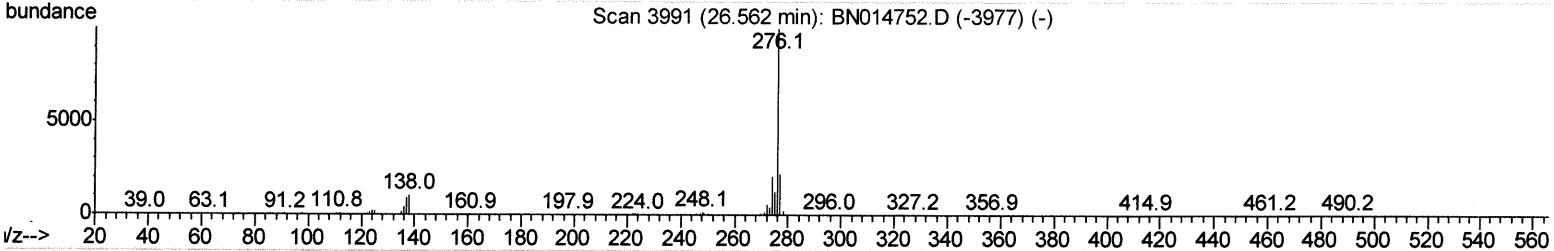
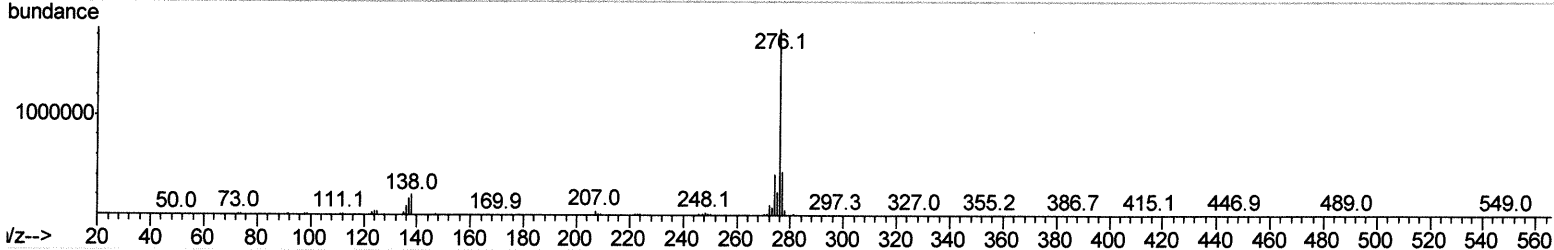
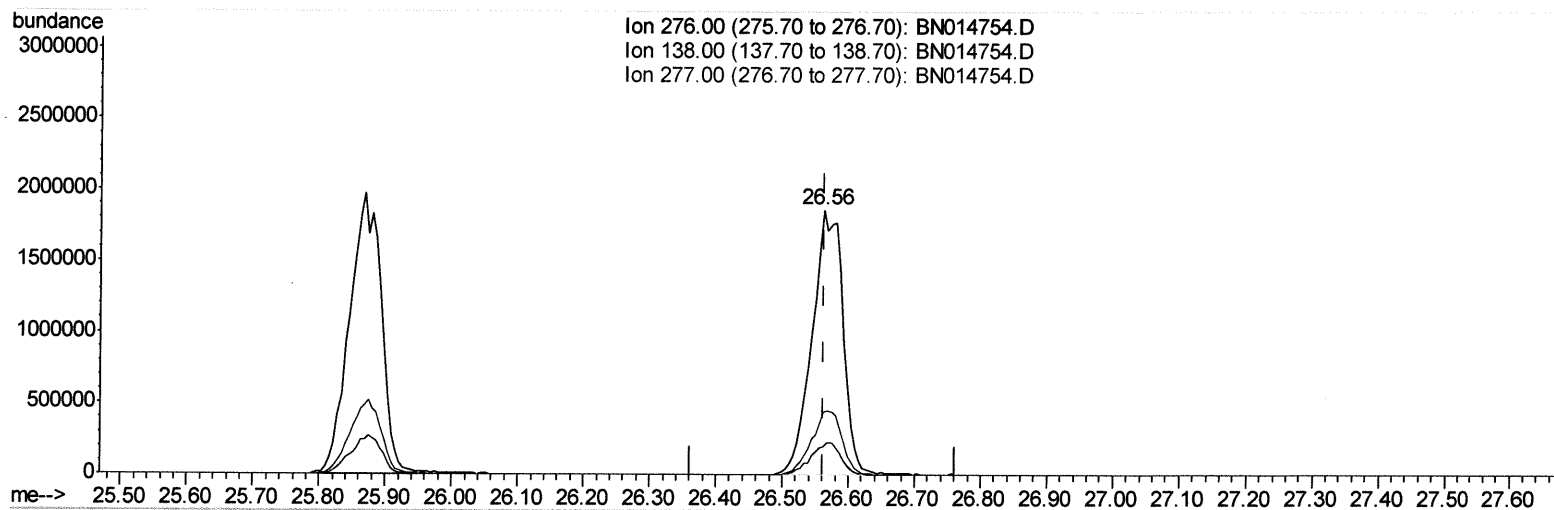
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(96) Benzo(g,h,i)perylene

26.562min (+0.000) 35.24ng/ul m

response 5948100

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	10.70
277.00	19.60	23.42
0.00	0.00	0.00

Handwritten signature: JU 5/27/21

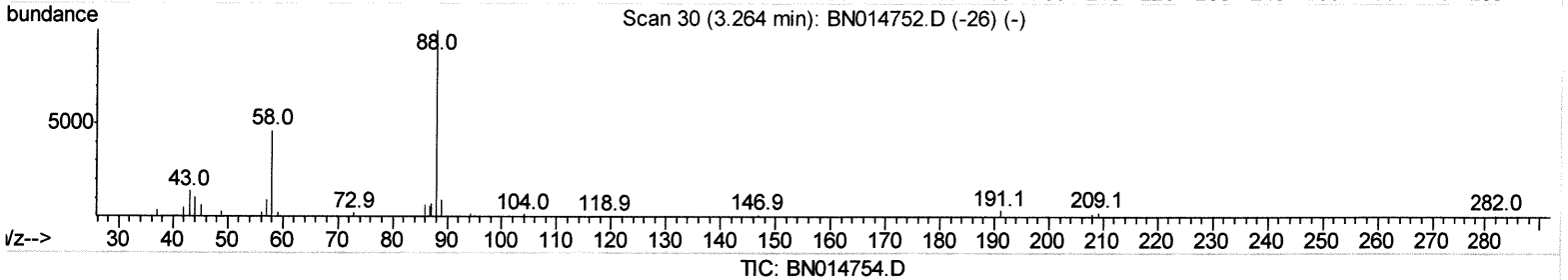
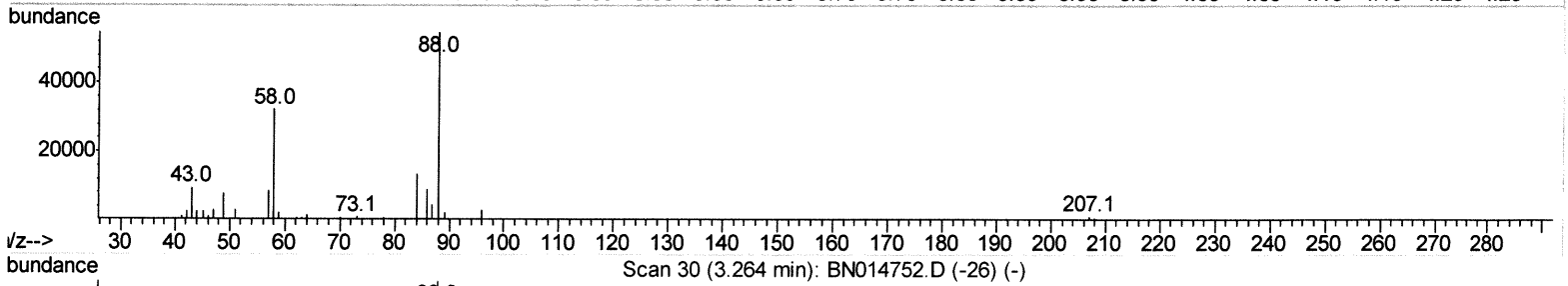
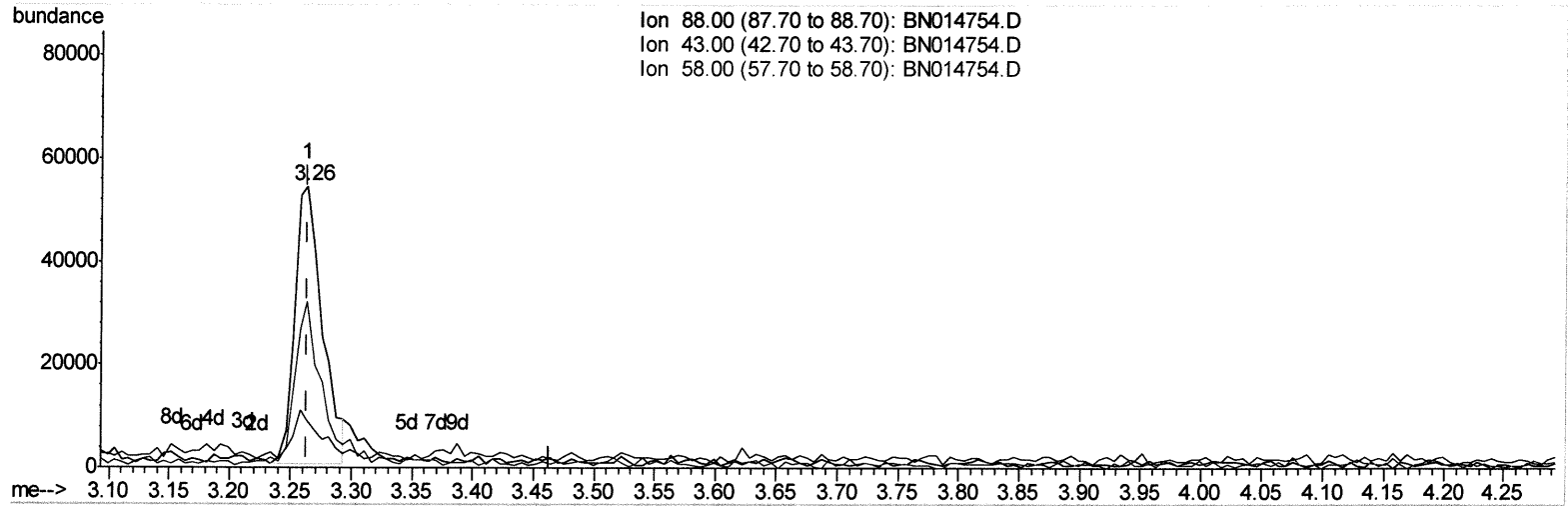
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(2) 1,4-Dioxane

3.264min (+0.000) 12.36ng/uL

response 84753

Ion	Exp%	Act%
88.00	100	100
43.00	17.20	17.00
58.00	46.40	59.14#
0.00	0.00	0.00

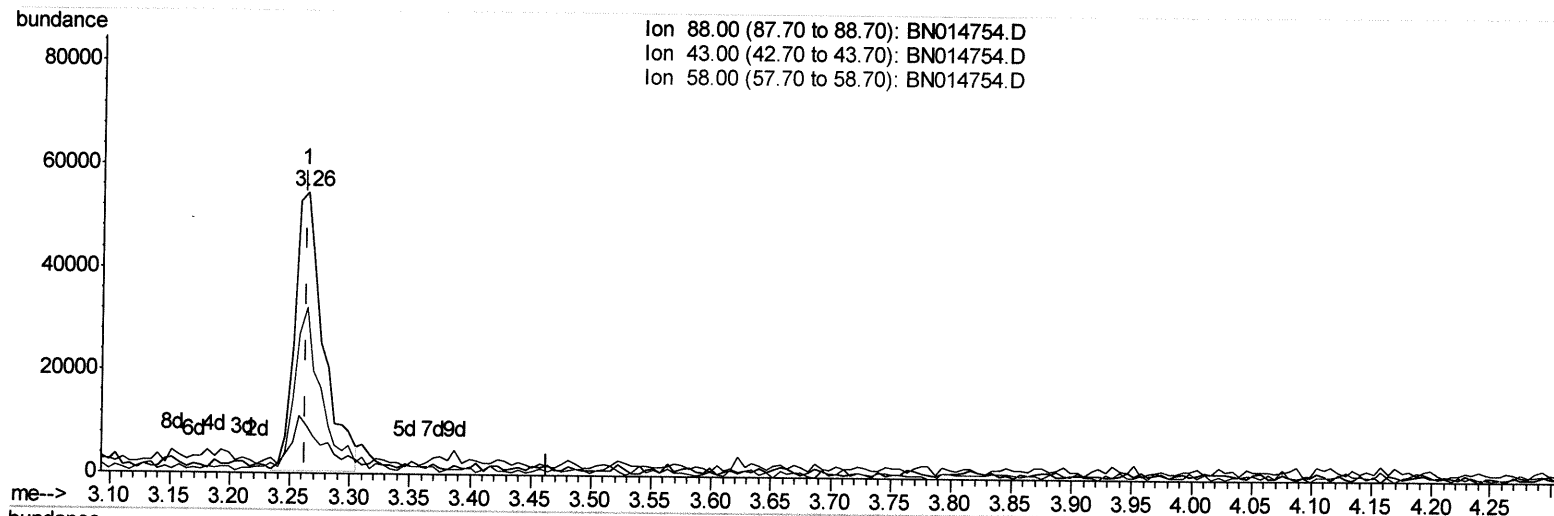
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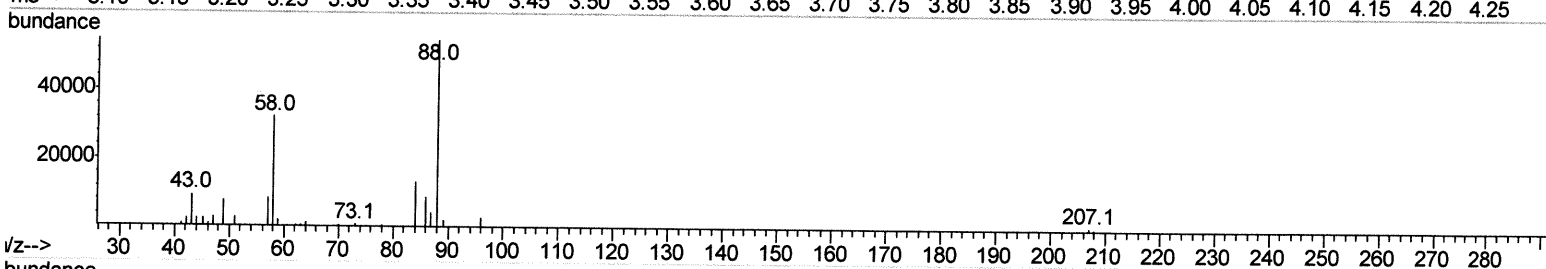
Manual Integrations
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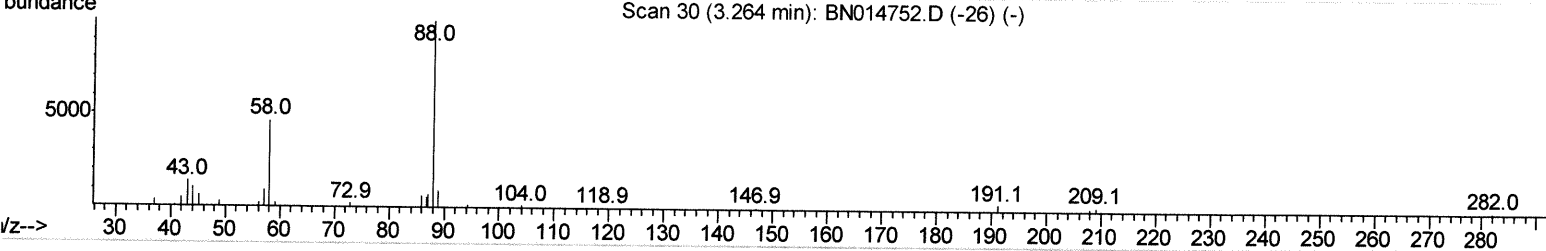
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Ion 88.00 (87.70 to 88.70): BN014754.D
 Ion 43.00 (42.70 to 43.70): BN014754.D
 Ion 58.00 (57.70 to 58.70): BN014754.D



Scan 30 (3.264 min): BN014752.D (-26) (-)



TIC: BN014754.D

(2) 1,4-Dioxane

3.264min (+0.000) 13.11ng/uL m

response 89901

Ion	Exp%	Act%
88.00	100	100
43.00	17.20	17.00
58.00	46.40	59.14#
0.00	0.00	0.00

Handwritten signature/initials

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	237770	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	945533	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	745406	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1778757	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2091574	20.00	ng/ul	0.00
88) Perylene-d12	23.57	264	2563104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	36983	6.33	ng/uL	0.00
4) Pividine-d5	3.63	84	467718	31.81	ng/ul	0.00
7) Phenol-d5	6.89	99	848413	36.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	421572	36.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	526982	36.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	658682	36.39	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	291682	40.95	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	304367	39.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	661602	37.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	751431	36.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	2275163	38.42	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	2500447	36.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	368414	39.16	ng/ul	0.00
60) Fluorene-d10	15.36	176	1883717	36.92	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	423959	43.58	ng/ul	0.00
73) Anthracene-d10	17.22	188	3067867	36.92	ng/ul	0.00
81) Pyrene-d10	19.52	212	3860958	39.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	5188332	38.00	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	89901m	13.115	ng/uL
5) Pividine	3.65	79	448903	29.133	ng/ul
6) Benzaldehyde	6.86	77	472496	37.687	ng/ul
8) Phenol	6.92	94	782784	32.676	ng/ul
10) Bis(2-Chloroethyl)ether	7.14	93	593429	32.095	ng/ul
12) 2-Chlorophenol	7.28	128	501854	33.253	ng/ul
13) 2-Methylphenol	8.16	108	581428	33.049	ng/ul
14) 2,2'-oxybis(1-Chloropropan	8.24	45	363792	31.189	ng/ul#
16) Acetophenone	8.53	105	1004906	33.537	ng/ul
17) N-Nitroso-di-n-propylamine	8.52	70	484572	33.574	ng/ul#
18) 4-Methylphenol	8.48	108	635635	33.127	ng/ul
19) Hexachloroethane	8.78	117	226095	29.923	ng/ul#
22) Nitrobenzene	8.90	77	758821	34.137	ng/ul#
23) Isophorone	9.43	82	1453357	34.431	ng/ul
25) 2-Nitrophenol	9.62	139	290738	35.735	ng/ul
26) 2,4-Dimethylphenol	9.68	107	755780	30.177	ng/ul
27) Bis(2-Chloroethoxy)methane	9.92	93	858562	33.476	ng/ul#
29) 2,4-Dichlorophenol	10.15	162	571107	34.114	ng/ul
30) Naphthalene	10.55	128	1674919	32.591	ng/ul
32) 4-Chloroaniline	10.66	127	682598	31.167	ng/ul
33) Hexachlorobutadiene	10.83	225	481073	32.137	ng/ul
34) Caprolactam	11.42	113	212049m	39.204	ng/ul

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35) 4-Chloro-3-methylphenol	11.79	107	883892	36.434	ng/ul	95
36) 2-Methylnaphthalene	12.17	142	1240505	32.382	ng/ul	99
37) 1-Methylnaphthalene	12.39	142	1240745	32.943	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	863758	30.647	ng/ul	94
40) Hexachlorocyclopentadiene	12.52	237	476000	25.494	ng/ul	97
41) 2,4,6-Trichlorophenol	12.79	196	555633	35.108	ng/ul	93
42) 2,4,5-Trichlorophenol	12.86	196	618204	35.792	ng/ul	97
43) 1,1'-Biphenyl	13.19	154	1750858	32.835	ng/ul	99
44) 2-Chloronaphthalene	13.23	162	1438115	33.658	ng/ul	98
45) 2-Nitroaniline	13.44	65	504305	38.752	ng/ul	97
47) Dimethylphthalate	13.82	163	1991096	33.993	ng/ul	98
48) 2,6-Dinitrotoluene	13.94	165	420152	38.600	ng/ul	98
50) Acenaphthylene	14.08	152	2045023	32.480	ng/ul	98
51) 3-Nitroaniline	14.27	138	378354	35.823	ng/ul	87
52) Acenaphthene	14.43	153	1508758	33.071	ng/ul	97
53) 2,4-Dinitrophenol	14.47	184	210320	26.613	ng/ul	99
55) 4-Nitrophenol	14.59	109	436476	24.201	ng/ul	92
56) Dibenzofuran	14.76	168	2247728	33.120	ng/ul	90
57) 2,4-Dinitrotoluene	14.73	165	658738	37.975	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	625586	35.210	ng/ul#	97
59) Diethylphthalate	15.20	149	1984333	35.239	ng/ul	97
61) Fluorene	15.42	166	1643977	32.198	ng/ul	91
62) 4-Chlorophenyl-phenylether	15.42	204	954611	31.602	ng/ul	93
63) 4-Nitroaniline	15.44	138	404666	37.719	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.50	198	375179	39.419	ng/ul#	92
67) N-Nitrosodiphenylamine	15.63	169	1664647	34.745	ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	808309	34.897	ng/ul	91
69) Hexachlorobenzene	16.42	284	1008318	34.798	ng/ul	97
70) Atrazine	16.59	200	700353	35.351	ng/ul	95
71) Pentachlorophenol	16.77	266	566683	33.967	ng/ul	88
72) Phenanthrene	17.16	178	3185855	34.278	ng/ul	99
74) Anthracene	17.25	178	3185177	34.004	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	927576	31.558	ng/uL	93
76) Pentachlorobenzene	14.69	250	1021209	33.593	ng/uL	95
77) Carbazole	17.52	167	2893718	36.655	ng/ul	99
78) Di-n-butylphthalate	18.09	149	3453526	37.125	ng/ul	99
80) Fluoranthene	19.18	202	4312368	37.082	ng/ul	98
82) Pyrene	19.55	202	4283421	35.817	ng/ul#	98
83) Butylbenzylphthalate	20.45	149	1616244	40.221	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.23	252	1468643	37.243	ng/ul	99
85) Benzo(a)anthracene	21.30	228	4562230	34.992	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.24	149	2118881	36.582	ng/ul	99
87) Chrysene	21.35	228	4437438	33.797	ng/ul	97
89) Di-n-octyl phthalate	22.12	149	4610868	40.661	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	5652569	36.748	ng/ul	96
91) Benzo(k)fluoranthene	22.95	252	5270924	34.393	ng/ul	100
93) Benzo(a)pyrene	23.48	252	4911523	35.282	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.87	276	6670547m	34.973	ng/ul	96
95) Dibenzo(a,h)anthracene	25.89	278	5420960	34.343	ng/ul	98
96) Benzo(g,h,i)perylene	26.56	276	5948100m	35.237	ng/ul	98

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